

F I A T 5 0 0 X



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 website and access your personal area.

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

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

Have a nice reading and happy motoring!

Dear Customer,

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

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 500X.

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 500X 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!

This Owner Handbook describes all Fiat 500X versions. Options, equipment dedicated to specific markets or versions are not explicitly indicated in the text: as a consequence, you should only consider the information which is related to the trim level, engine and version that you have purchased. Any content introduced throughout the production of the model, outside the specific request of options at the time of purchase, will be identified with the wording (*where provided*).

All data contained in this publication are intended to help you use your vehicle in the best possible way. FCA Italy S.p.A. aims at a constant improvement of the vehicles produced. For this reason it reserves the right to make changes to the model described for technical and/or commercial reasons.

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.

For further details on the use of the correct fuel see the "Refuelling the vehicle" paragraph in the "Starting and driving" chapter.

Diesel engines: refuel only with diesel fuel 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



Versions with manual gearbox (petrol engines): make sure that the handbrake is engaged; set the gear lever to neutral, fully depress the clutch pedal without pressing the accelerator, then turn the ignition key to AVV or press the ignition device button; release the key or the button as soon as the engine has started.

Versions with manual gearbox (diesel engines): make sure that the handbrake is engaged; set the gear lever to 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. Bring the ignition key to AVV or press the ignition device button; release the key or the button as soon as the engine has started.

Versions with automatic transmission: make sure that the handbrake is engaged and that the gear lever is in P (Parking) or N (Neutral), depress the brake pedal, without pressing the accelerator pedal, then turn the ignition key to AVV or press the ignition device button; release the key or the button as soon as the engine has started.

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 maintenance 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.

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.

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

IMPORTANT If mobile phones/laptops/smartphones/tablets are inside the vehicle and/or close to the electronic key, reduced performance of the Keyless Entry/Keyless Go system may occur.

USE OF THE OWNER HANDBOOK

OPERATING INSTRUCTIONS

Each time direction instructions (left/right or forwards/backwards) about the vehicle are given, these must be understood 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.

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 booklet 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



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1. Adjustable side air diffusers
2. Left stalk: direction indicators, main beam headlights, flashing, Lane change function
3. Instrument panel
4. Steering wheel controls: Cruise control, Speed Limiter
5. Right stalk: windscreen wiper/washer, rear window wiper/washer, rain sensor sensitivity level setting
6. Display: radio / **Uconnect™**
7. Start&Stop, Hazard warning lights, passenger airbag status LEDs
8. Upper refrigerated storage compartment
9. Passenger front airbag
10. Adjustable central air diffusers
11. Lower glove compartment
12. Climate control system controls
13. Buttons on the central console: seat heating, steering wheel heating, control panel for USB port + AUX socket and SD Card reader (where provided)
14. Knee bag
15. Ignition device (key or button)
16. Driver front airbag
17. Steering wheel controls: display menu, trip computer, multimedia, phone, voice recognition
18. Control panel: light switch, headlight alignment corrector.



THE KEYS



KEY WITH REMOTE CONTROL



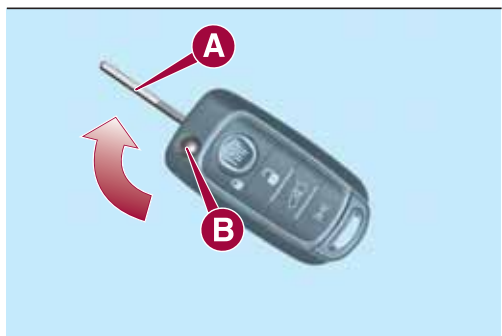
1)



1)

Metal insert A fig. 2 of the key operates:

- ☐ the ignition device;
- ☐ the driver's door lock.



2

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Press button B to open/close the metal insert.



1)

ELECTRONIC KEY

(versions with "Keyless Go" system)

On versions equipped with "Keyless Go" system, the vehicle features an electronic key A fig. 3, of which two copies are provided.



3

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Locking door and boot

Briefly press the or "FIAT" button: locking of doors and boot with roof light off and single flash of direction indicators (where provided).

Rapidly press the button twice to open the luggage compartment remotely (where provided).

The direction indicators will flash twice to indicate that the boot has been opened.

Lights switching on (key with remote control only)

Pressing button you can remotely control the switching on of the side and main beam headlights, for a maximum of 90 seconds.

Pressing the button again the lights switched on previously switch off (if the parking light function was already active it will remain so). If, when 90 seconds have passed, button is pressed, the main beam headlights and the side lights will stay on for a further 30 seconds.

REQUEST FOR ADDITIONAL KEYS

Should a new key with remote control or a new electronic key be necessary, go to a Fiat Dealership, taking an ID document and the vehicle ownership documents.



WARNING

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



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 may be harmful to the environment if not disposed of correctly. They must be disposed of as specified by law in the special containers or taken to a Fiat Dealership, which will take care of their disposal.

IGNITION DEVICE

Versions with key without remote control



The key can be turned to three different positions fig. 4:

- ☐ STOP: engine off, key can be removed, steering column locked (with key removed). Some electrical devices (e.g. central door locking system, alarm, etc.) are still available;
- ☐ MAR: driving position. All electrical devices are available;
- ☐ AVV: engine starting.



2) 3)



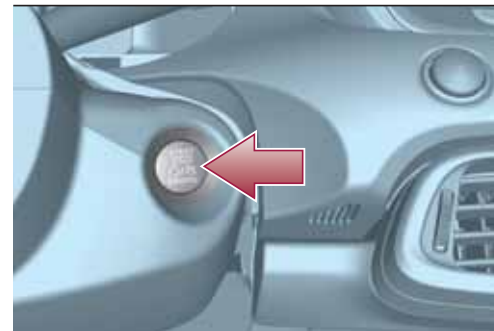
4

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Versions with electronic key (Keyless Go system)

To activate the ignition device fig. 5 the electronic key must be inside the passenger compartment.

The ignition device activates also if the electronic key is inside the boot or on the parcel shelf.



5

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The ignition device has the following possible states:

- ☐ STOP: engine off, steering locked. Some electrical devices (e.g. central door locking system, alarm, etc.) are still available;
- ☐ MAR: driving position. All electrical devices are available. This state can be entered by pressing the ignition device button once, without pressing the brake pedal (versions with automatic transmission) or the clutch pedal (versions with manual gearbox);
- ☐ AVV: engine starting.



NOTE The ignition device does NOT activate if the electronic key is inside the boot and this is open.

NOTE With the ignition device at MAR, if 30 minutes pass with the vehicle stationary (versions with manual gearbox) or with the gear lever at P (Park) (versions with automatic transmission) and the engine off, the ignition device will automatically move to the STOP position.

NOTE With engine started, it is possible to go away from the vehicle taking the electronic key with you. The engine will still be running. The vehicle will indicate the absence of the key on board when the door is closed. For more information on the engine start-up, see the description in the "Starting the engine" paragraph, in the "Starting and driving" chapter.



4) 5)

STEERING LOCK

Activation

Versions with key without remote control: with the device at STOP, remove the key and turn the steering wheel until it locks.

IMPORTANT If the ignition key has been moved from the MAR to the STOP position, the steering lock cannot engage until the key is removed from the ignition device.

Versions with electronic key: the steering lock engages when the driver door is opened, with the ignition device button at STOP and speed below 3 km/h.

Deactivation

Versions with key without remote control: slightly moving the steering wheel, turn the key to the MAR position.

Versions with electronic key: the steering lock disengages when the ignition device is pressed and the electronic key is recognised.



6) 7)



WARNING

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

3) When getting out of the vehicle, always take the key with you to prevent any occupants from accidentally activating the controls. Remember to engage the electric parking brake. Never leave children unattended in the vehicle.

4) 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 vehicle with type-approval requirements.

5) Never remove the key without remote control while the vehicle 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.

6) Before exiting the vehicle, ALWAYS engage the parking brake, steer the wheels, engage the first gear if uphill and the reverse if downhill. On versions with automatic transmission, bring the gear lever to P (Park) and press the ignition device to bring it to STOP. If the vehicle is parked on a steep slope, chock the wheels with wedges or stones. When leaving the vehicle, always lock all the doors by pressing the dedicated button on the handle (see "Keyless Entry" in the "Doors" paragraph).

7) On versions equipped with Full Keyless system, do not leave the electronic key inside or near the vehicle or in a place accessible to children. Do not leave the vehicle with the ignition device in the MAR position. A child could operate the electric windows, other controls or even start the vehicle.

FIAT CODE



The Fiat Code system prevents unauthorised use of the vehicle, disabling engine starting.

The system does not need to be enabled/activated: operation is automatic, regardless of the fact that the vehicle's doors are locked or unlocked.

When the ignition device is set to MAR, the Fiat Code system identifies the code transmitted by the key. If the code is recognised as valid, the Fiat Code system enables engine starting. When the ignition device is brought back to STOP, the Fiat Code system deactivates the control unit controlling the engine, thus preventing its starting. For the correct engine starting procedures, see the instructions in the "Starting the engine" paragraph, "Starting and driving" chapter.

IRREGULAR OPERATION

If, during starting, the key code is not correctly recognised, the  icon is displayed on the instrument panel (see the instructions in the "Warning lights and messages" paragraph, "Knowing the instrument panel" chapter). This condition leads to the engine switching off after 2 seconds. In this case, bring the ignition device to STOP and then to MAR; if it is still blocked, try with the other keys provided. If it is still not possible to start the engine, contact a Fiat Dealership.

If the  icon is displayed while driving, this means that the system is running a self-diagnosis (e.g. due to a voltage drop). If the display persists, contact a Fiat Dealership.

ALARM



Activation of the alarm triggers the acoustic warning and the direction indicators.

IMPORTANT The alarm is adapted by the Manufacturer to meet the requirements of the various countries where the vehicle is marketed.

SWITCHING ON THE ALARM

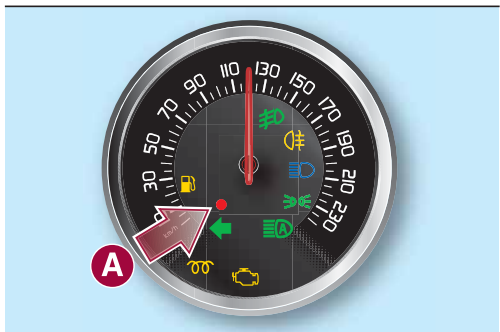
(where provided)

With the doors, bonnet and tailgate closed and the ignition device turned to STOP, point the key with remote control or electronic key towards the vehicle and press and release the  "FIAT" button.

For versions with electronic key, the alarm can also be engaged by pressing the "door lock" button, located on the door external handle. For further information refer to the Keyless Entry paragraph, a few pages further on. The system emits a visual and acoustic signal (where provided) and enables door locking.

With the alarm on, warning light A fig. 6 flashes on the instrument panel.





6

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The activation of the alarm is preceded by a self-diagnosis stage: if a fault is detected, the system emits a further acoustic signal.

TURNING THE ALARM OFF

IMPORTANT The alarm does not switch off when the central opening is activated using the metal insert in the key.

DISABLING THE ALARM

To completely deactivate the alarm (e.g. during a long period of vehicle inactivity), close the doors by turning the metal insert of the key with remote control in the door lock.

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

DOORS



LOCKING/UNLOCKING DOORS FROM THE INSIDE

Central locking/unlocking

If all doors are closed properly, they will automatically be locked once the vehicle has exceeded 20 km/h ("Autoclose" function). This function can also be disabled using the menu on the instrument panel.

To lock the doors, press the  button located on the front door trim fig. 7.

To unlock the doors, press the  button.

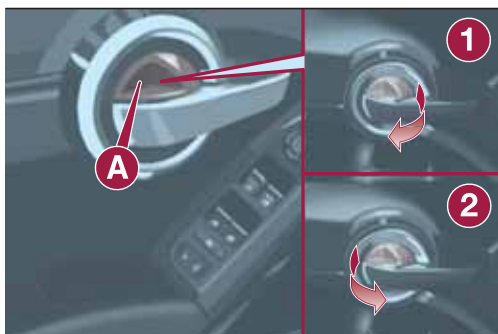


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Manual locking/unlocking

Doors can also be locked/unlocked by turning device A fig. 8 integral to the front door inner handles.



8

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Operating the rear door device locks only the door concerned.

Position 1: door unlocked

Position 2  : door locked

Operating the handle of the front doors unlocks all doors and the tailgate.

LOCKING/UNLOCKING DOORS FROM THE OUTSIDE

Locking doors from the outside

With the doors closed, press the  "FIAT" button on the key or fit and then turn its metal insert in the driver's door lock.



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Door unlocking from the outside

Press the  button on the key or turn its metal insert in the driver's door lock.

KEYLESS ENTRY

(where provided)



3)

The Keyless Entry system can identify the presence of an electronic key near the doors and the tailgate.

The system enables the doors (or the tailgate) to be locked/released without pressing any button on the electronic key.

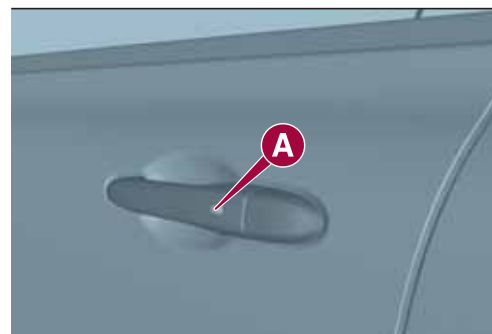
If the system identifies that the electronic key detected outside the vehicle is valid, the owner of the key can simply grasp one of the front handles to deactivate the alarm and unlock the door and tailgate opening mechanism.

Where the function is provided, grasping the handle of the driver's door unlocks the driver's side door only or all doors depending on the mode set using the display menu or the **Uconnect™** system.

Door locking

To lock the doors, proceed as follows:

- ☐ make sure that you have the electronic key and are close to the driver or passenger side door handle;
- ☐ press the "door locking" button A fig. 9 on the handle: this will lock all doors and the tailgate. Door locking will activate the alarm as well (where provided).



9

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IMPORTANT After pressing the "door locking" button, you need to wait two seconds before the doors can be unlocked again using the door handle. It is therefore possible to check whether the vehicle is locked correctly by pulling the door handle within 2 seconds. The doors will not be unlocked again.

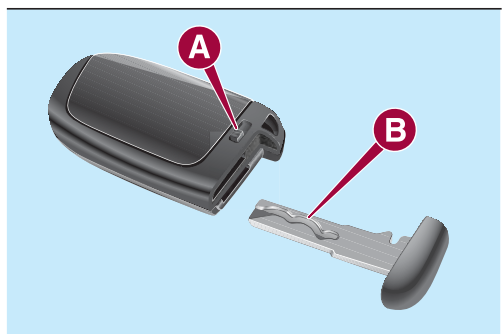


Driver side door emergency opening

If the electronic key does not work (e.g. because its battery is flat or the vehicle battery is flat), the emergency metal insert inside the key can in any case be used to operate the lock, unlocking the driver's door.

To extract the metal insert, proceed as follows:

- operate device A fig. 10 and extract metal insert B outwards;



10

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- insert the metal insert in the driver side door lock and turn it to unlock the door.

Tailgate locking

Approaching the tailgate with a valid electronic key, press the fig. 11 opening button under the handle of the tailgate to lock/unlock the boot.



11

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The tailgate can in any case be locked by pressing the button on the electronic key or on the inner door panel.

DEAD LOCK

(where provided)



8)

This safety device inhibits the operation of the interior door handles and the door locking/unlocking button.

Activating the device

The device is enabled on all the doors by pressing the "FIAT" button on the key with remote control twice quickly.

Deactivating the device

The device disengages automatically:

- when the doors are unlocked (pressing button on the key with remote control);

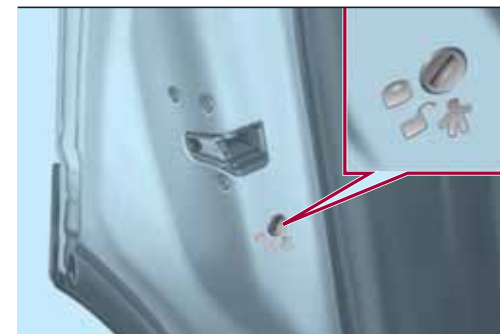
- when the ignition device is set to MAR.

CHILD SAFETY DEVICE



9) 10)

This system prevents the rear doors from being opened from the inside. The fig. 12 device can only be engaged with the doors open:



12

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- position : device engaged (door locked);
- position : device not engaged (door may 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.



WARNING

8) Once the Dead Lock system is engaged, it is impossible to open the doors from inside the vehicle. Before getting out of the vehicle, please therefore check that there is no-one left on board.

9) NEVER leave children unattended inside the vehicle, nor leave the vehicle with the doors unlocked in a place that children can access easily. Children may seriously, or even fatally, injure themselves. Also ensure that children do not inadvertently operate the electric parking brake, the brake pedal or the automatic transmission lever.

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



WARNING

2) Make sure to take the key with you once a door or the tailgate is locked, to prevent locking the same key inside the vehicle. Once it has been left inside, the key can be collected only using the second key supplied.

3) The operation of the recognition system depends on various factors, such as, for example, any electromagnetic wave interference from external sources (e.g. mobile phones), the charge of the battery in the electronic key and the presence of metal objects near the key or the vehicle. In these cases it is still possible to unlock the doors by using the metal insert in the electronic key (see description on the following pages).

SEATS



FRONT SEATS WITH MANUAL ADJUSTMENT



11)



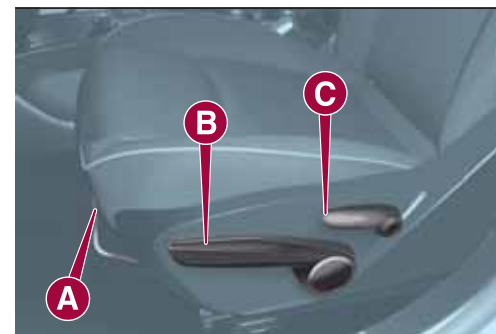
4)

Longitudinal adjustment

Lift lever A fig. 13 and push the seat forwards or backwards.



12)



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IMPORTANT Carry out the adjustment while sitting on the seat involved (driver side or passenger side).



Height adjustment

Move lever B upwards or downwards to achieve the required height.

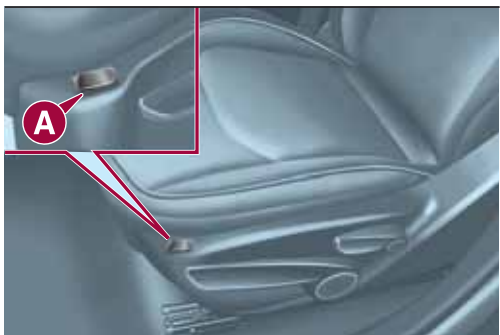
IMPORTANT Carry out the adjustment while sitting on the seat involved (driver side or passenger side).

Backrest angle adjustment

Move lever C to adjust the backrest angle, accompanying it with the movement of the torso (operate the lever until the desired position is reached, then release it).

Electric lumbar adjustment

When the ignition device is at MAR, press button A fig. 14 to adjust the lumbar area support, until the maximum driving comfort is achieved.



14

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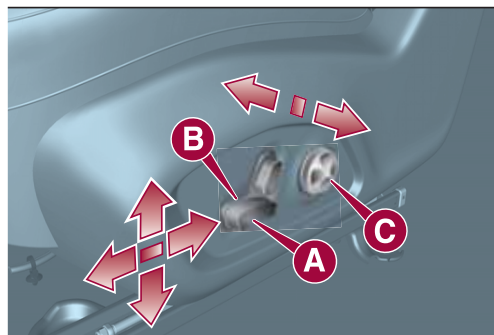
ELECTRICALLY ADJUSTABLE FRONT SEATS



5)

The buttons for electrical seat adjustment are on the outer side of the seat, near the floor.

These buttons can be used to adjust the height, the lengthwise position in relation to the vehicle and the angle of the backrest.



15

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Height adjustment

Use the front or rear part of the switch A fig. 15 to modify the height and/or the angle of the seat cushion.

Longitudinal adjustment

Push switch A forwards or backwards to move the seat in the corresponding direction.

Backrest angle adjustment

Push switch B forwards or backwards to adjust the backrest in the corresponding direction.

Electric lumbar adjustment

Use the joystick C to actuate the lumbar area device until the maximum driving comfort is achieved.

IMPORTANT The electrical adjustment is only allowed when the ignition device is turned to MAR and for about 3 minutes after it is turned to STOP. With vehicle AT A STANDSTILL, after passing from closed door to open door, adjustment will be possible for 3 further minutes.

FRONT SEAT ELECTRIC HEATING

With ignition device at MAR, press buttons  fig. 16 on the dashboard.



16

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You can select two heating levels:

☐ "minimum heating": (one orange LED lit on the buttons);

☐ "maximum heating": two orange LEDs lit on the buttons.

After selecting one heating level, you need to wait for a few minutes until warm air flows into the compartment. When the "maximum heating" setting is selected, the heater produces a boosted heat level for the first minutes of operation.

IMPORTANT To preserve the battery charge, this function cannot be activated when the engine is off.

REAR SEATS

Partial extension of the boot (1/3 or 2/3)



13)



6)

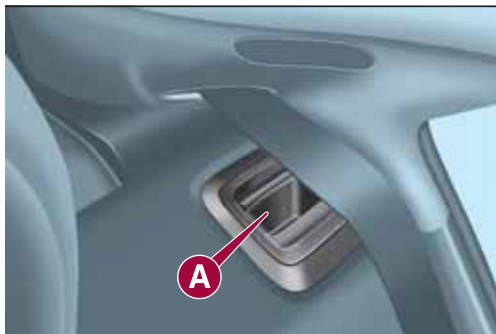
☐ remove the parcel shelf;

☐ completely lower the rear seat head restraints;

☐ move the seat belt to the side, making sure that it is fully extended and not twisted;

☐ operate release device A fig. 17 to fold the required backrest section. After release a red mark is visible.

Accompany the backrest during folding.



17

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Repositioning the backrests

Move the seat belts to the side, making sure that they are correctly extended and not twisted.

Raise the backrests and push them back until the locking click of both retainers is heard. Visually check that the red marks have disappeared from the release devices A fig. 17. The red marks indicate that the backrest is not secured.



13)



WARNING

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

12) 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.

13) Make sure that the backrests are correctly secured on both sides ("red marks" not visible) to prevent it from moving forward in the event of sharp braking, causing injuries to occupants.



WARNING

4) 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.



5) Do not arrange objects beneath the electrically adjustable seat and do not impede its movement, since the controls may be damaged. The fabric upholstery of 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. They may also restrict the seat travel.

6) Before tilting the backrest, remove any objects lying on the seat.

HEAD RESTRAINTS

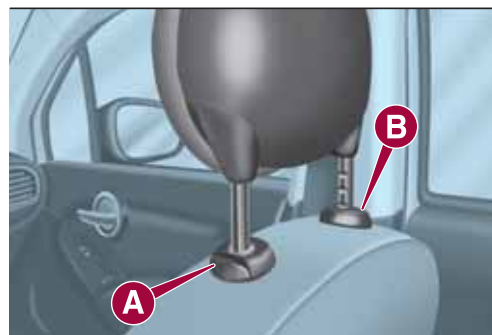
FRONT



Adjustment

They can be adjusted to 4 height positions (completely raised / 2 intermediate positions / completely lowered).

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



18

F1B0029C

Downward adjustment: press button A fig. 18 and lower the head restraint.

Removal

Proceed as follows to remove the head restraint:

- ☐ tilt the backrest (to prevent it from coming into contact with the roof);
- ☐ press both buttons A and B fig. 18 at the side of the two supports, then remove the head restraint.

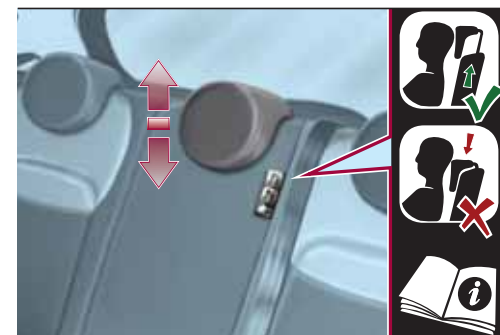
IMPORTANT Always reposition the head restraints if they have been removed before starting to drive normally.

REAR

Adjustment

Three head restraints that can be height-adjusted to 3 positions (completely raised / intermediate / completely lowered) are provided for the rear seats

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

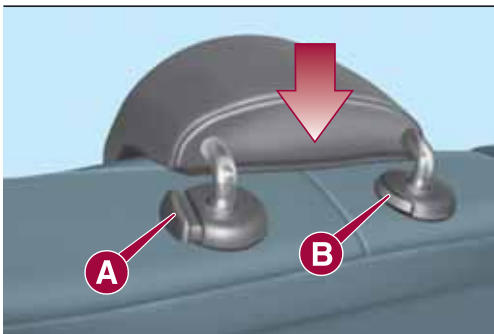


19

F1B0236C

On some versions, the label fig. 19 reminds the user of the centre rear seat to adjust the headrest in a correct position, pulling it upward in both preset positions.

IMPORTANT The headrests must be placed in rest position (fully lowered) to guarantee visibility to the driver.



20

F1B0030C

Downward adjustment: press button A fig. 20 and lower the head restraint.

Removal

Proceed as follows to remove the head restraint:

- ☐ raise the head restraint to its maximum height;
- ☐ press buttons A and B fig. 20 at the side of the two supports, then remove the head restraint.

IMPORTANT Always reposition the head restraints if they have been removed before starting to drive normally.



WARNING

14) 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. Any removed head restraints must be repositioned correctly, in order to protect the occupants in the event of impact: follow the instructions above.

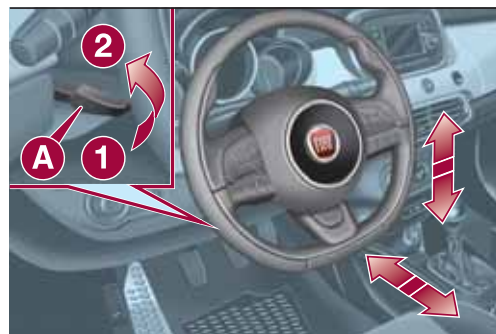
STEERING WHEEL



15) 16)

ADJUSTMENTS

The steering wheel can be adjusted both in height and axially.



21

F1B0031C

To adjust, move lever A fig. 21 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.

HEATED STEERING WHEEL

(where provided)

With ignition device at MAR, press the  fig. 22 button on the dashboard.

When the function is enabled, the LED on the button switches on.



22

F1B0032C

IMPORTANT If this function is activated with the engine stopped the battery may gradually run down.



WARNING

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

16) It is absolutely forbidden to carry out any after-market operations 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



INTERNAL

With manual adjustment

The mirror is fitted with a safety device that causes its release in the event of a violent impact with the passenger.



23

F1B0033C

Operate lever A fig. 23 to adjust the mirror into two different positions: normal or anti-glare.

Electrochromic

On some versions, an electrochromic mirror is available, that can automatically modify its reflecting action to prevent dazzling the driver fig. 24. The electrochromic mirror has an ON/OFF button to activate/deactivate the electrochromic anti-glare function.



24

F1B0034C

When reverse gear is engaged, the mirror is automatically set for daytime use.

EXTERIOR

Electric adjustment

The mirrors can only be adjusted with the ignition device at MAR. Select the desired mirror using device A fig. 25:



25

F1B0035C



17)

- ☐ position 1: left mirror selected;
- ☐ position 2: right mirror selected.

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

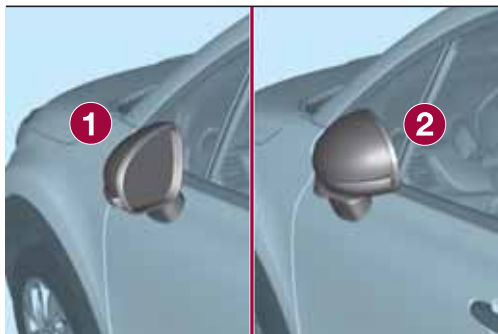
IMPORTANT Once adjustment is complete, rotate device A to position 0 to prevent accidental movements.

Electric folding

(where provided)

To fold back the mirrors press button C. Press the button again to restore the mirrors to the driving position. Once the desired command has been given, before the door mirror gets to the complete closing or opening position, its travel can be reverted by pressing button C again.

IMPORTANT excluding the use of this function in narrow streets, the mirrors must always be left in open position (position 1 fig. 26) and never be folded (position 2) while driving.



26

F1B0340C

Mirror realignment adjustment

If one of the door mirrors has been moved manually, it may not maintain its position while driving.

In this case the following realignment procedure must be carried out:

- ☐ manually close the mirror into parking position, moving it from position 1 to position 2 (see fig. 26);
- ☐ Operate the door opening control C fig. 25 once or twice to realign the system and bring both mirrors into driving position.



WARNING

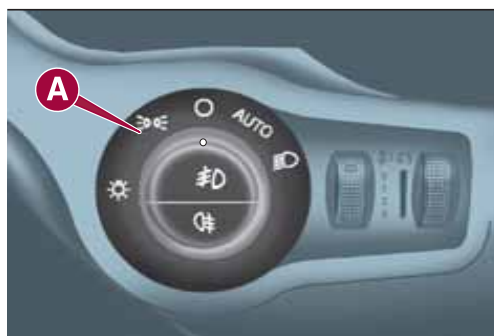
17) As the driver's door mirror is curved, it may slightly alter the perception of distance.

EXTERIOR LIGHTS



LIGHT SWITCH

The ring nut of light switch A fig. 27, located on the left side of the dashboard, controls operation of: side lights, daytime running lights, dipped beam headlights, fog lights and instrument panel indicator and control button graphic lighting regulation.



27

F1B0036C

With the ignition device turned to MAR, the instrument panel and the various controls on the dashboard will be lit up when the exterior lights are switched on.

AUTO FUNCTION

(Dusk sensor)

(where provided)

This is an infrared LED sensor that works in conjunction with the rain sensor and is located on the windscreen. It is able to detect variations in outside lighting based on the light sensitivity set in the display Menu or the **Uconnect™** system. The higher the sensitivity, the lower the amount of external light needed to automatically switch the external lights on.

Function activation

Turn the light switch ring nut to AUTO.

IMPORTANT The function can only be activated with the ignition device at MAR.

Function deactivation

To deactivate the function, turn the light switch ring nut to a position other than AUTO.



DIPPED BEAM HEADLIGHTS

Turn the light switch ring nut to  : side lights, dipped beam headlights and instrument panel will light up; the  warning light will come on on the latter.

DAYTIME RUNNING LIGHTS (DRL)

"Daytime Running Lights"



18) 19)

With the ignition device turned to MAR and the light switch ring nut turned to position  the daytime running lights are automatically activated (the other lights and interior lighting remain off).

FOG LIGHTS

(where provided)

Press the  button to turn on the fog lights with side lights and dipped beam headlights on.

When the fog lights are on, the side lights and number plate lights are also on, while the daytime running lights are off.

Press the button again or turn the switch ring nut to  in order to switch it off.

REAR FOG LIGHT

The button that controls switching on and off of the rear fog light is integrated into the light switch.

Press the  button to turn on the rear fog light with side lights and fog lights on.

PARKING LIGHTS

These lights can be switched on with ignition device at STOP or with key removed, by moving the light switch ring nut to position  and then to position  , the switch will go back to position .

The  warning light switches on in the instrument panel.

HEADLIGHTS OFF TIMER (Follow me home)

Activation

With headlights on, bring the ignition device to STOP.

Within 45 seconds, turn the light switch ring nut to  : the set timing starts.

Deactivation

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

MAIN BEAM HEADLIGHTS

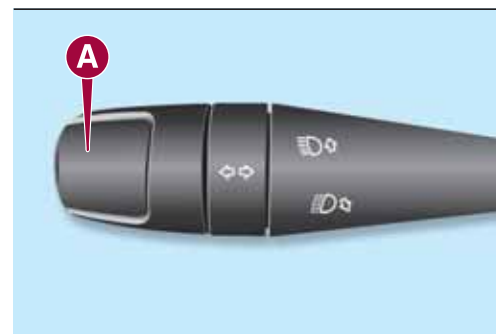
With the light switch ring nut turned to position  or **AUTO** push the left stalk A fig. 28 forwards, towards the dashboard.

With main beam headlights on, the  warning light on the instrument panel will come on at the same time.

Flashing

Pull stalk A toward yourself, to the stable position; the stalk goes back to the central stable position when it is released.

With main beam headlights on, the  warning light on the instrument panel will come on at the same time.



28

F1B0037C

Automatic main beam headlights (where provided)

In order not to disturb other road users, the main beam headlights are automatically deactivated when approaching vehicles travelling in the opposite direction or when following a vehicle travelling in the same direction. This function can be set through the display menu (see the instructions in the "Display" paragraph, "Knowing the instrument panel" chapter); the light switch ring nut must be turned to AUTO to activate.

The function is activated by pushing the stalk toward the dashboard (stable position); the  warning light comes on in the instrument panel. The  warning light will also come on in the instrument panel with main beam headlights on. If the vehicle is turned off with the setting described previously, the automatic main beam headlight function will need a new resetting: bring back the stalk in the centre position and then press it again towards the instrument panel.

When the speed is higher than 40 km/h and the function is active, if the stalk is brought again to the stable central position the function deactivates and the main beam headlights turn off.

When the speed is lower than 15 km/h and the function is active, the system automatically switches the main beam headlights off.

If the stalk is moved from the stable central position and pushed again towards the dashboard in the stable position, this is interpreted as a request for fixed main beam headlights: the warning light comes on in the instrument panel and the main beam headlights turn on until vehicle speed exceeds 40 km/h again. When this threshold is exceeded the function activates again automatically and the  warning light comes on again in the instrument panel.

To deactivate this function, rotate the light switch ring nut to the  position.

DIRECTION INDICATORS

Bring left stalk A fig. 28 to the (stable) position:

upwards: activates the right direction indicator;

downwards: activates the left direction indicator.

The  or  warning light respectively will flash on the instrument panel.

The direction indicators switch off automatically when the steering wheel is straightened or when the daytime running lights (DRL)/parking lights are activated.

"Lane Change" function

If you wish to signal a lane change while running, place the left stalk in the unstable position for less than half a second.

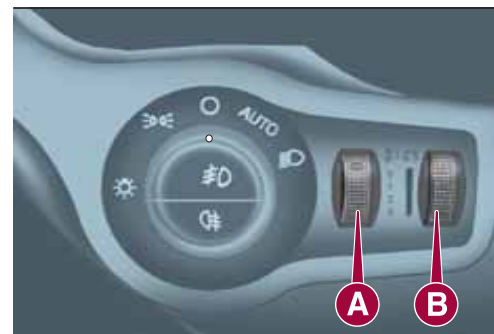
The direction indicator on the side selected will flash five times and then switch off automatically.

HEADLIGHT ALIGNMENT ADJUSTMENT

Headlight alignment corrector

The headlight alignment corrector operates with ignition device at MAR and dipped headlights on.

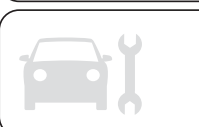
To adjust rotate ring nut A fig. 29.



29

F1B0038C

- ☐ Position 0: one or two people on the front seats;
- ☐ Position 1: 4 or 5 passengers
- ☐ Position 2: 4 or 5 passengers + load in the boot



☐ Position 3: driver + maximum admissible load stowed only in the boot.

IMPORTANT Check the headlight alignment each time the weight of the load transported changes.

INSTRUMENT PANEL AND CONTROL BUTTON GRAPHICS BRIGHTNESS ADJUSTMENT

With side lights or headlights on, turn ring nut B fig. 29 upwards to increase light brightness of the instrument panel and of the control button graphics, or turn the ring nut downwards to decrease it.



WARNING

18) 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.

19) 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.

INTERIOR LIGHTS

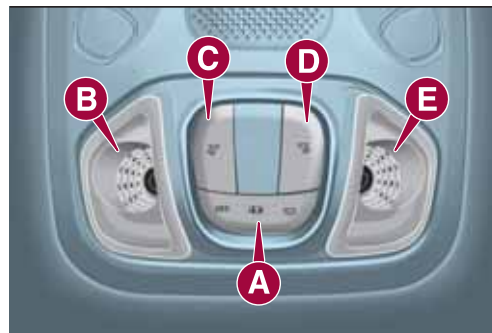


FRONT ROOF LIGHT

Switch A fig. 30 is used to switch on/off the roof light bulbs.

Switch A positions:

- ☐ central position: lights B and E switch on/off when the doors are opened/closed;
- ☐ pressed to the left (OFF): lights B and E are always switched off;
- ☐ pressed to the right (👁): lights B and E are always switched on.



30

F1B0041C

The lights switch on/off gradually. Switch C switches light B on/off. Switch D switches light E on/off.

Roof light timing

On certain versions, to facilitate getting in/out of the vehicle at night or in poorly-lit areas, two timed modes have been provided.

- ☐ Timing while getting into the vehicle
- ☐ Timing while getting out of the vehicle.

WINDSCREEN/REAR WINDOW WIPER



Operation is only possible with the ignition device at MAR.

WINDSCREEN WIPER/WASHER

Operation



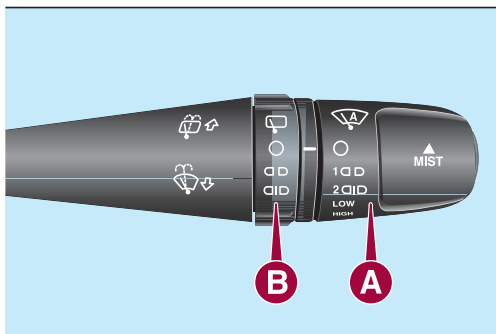
7) 8)



20)

Ring nut A fig. 31 can be set to the following positions:

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



31

F1B0047C

Move the stalk upwards (unstable position) to activate the MIST function: operation is limited 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 stopped. This function is useful to remove small deposits of dust from the windscreen, or morning dew. **IMPORTANT** This function does not activate the windscreen washer; windscreen washer fluid will not therefore be sprayed onto the windscreen. To spray windscreen washer fluid onto the windscreen, the washing function must be used. With ring nut A fig. 31 in □□ or □□□ position, the windscreen wiper will automatically adapt its operating speed to the speed of the vehicle.

"Smart washing" function

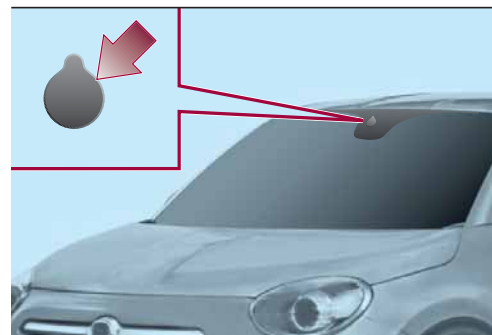
Pull the lever towards the steering wheel (unstable position) to operate the windscreen washer. Keep the stalk pulled to activate both the windscreen washer jet and the windscreen wiper with a single movement; the latter turns on automatically.

The windscreen wiper stops working three strokes after the stalk is released. The cycle is completed, after about 6 seconds, by a final cleaning stroke of the windscreen wipers.

RAIN SENSOR

(where provided)

This is located behind the interior rear view mirror, in contact with the windscreen fig. 32 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.



32

F1B0048C

Activation



9) 10)

By acting on the display menu or on the **Uconnect™** system you can activate/deactivate the rain sensor.



REAR WINDOW WIPER/WASHER



20)

Turn ring nut B fig. 31 from position **O** to position  to operate 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 active control or reverse gear engaged.
- Position **DD** : intermittent operation.
Position **DID** : continuous slow operation.

With reverse gear engaged and windscreen wiper on, the rear window wiper is activated in continuous mode. Pushing the stalk towards the dashboard (unstable position) will activate the rear window washer jet. Keep the stalk pushed for more than half a second to activate the rear window wiper as well. The wiper stops working three strokes after the stalk is released. The cycle is completed, after about 6 seconds, by a final cleaning stroke of the rear window wiper.



WARNING

20) *If the window needs to be cleaned, make sure the device is deactivated or the ignition button and the key are on STOP.*



WARNING

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

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

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

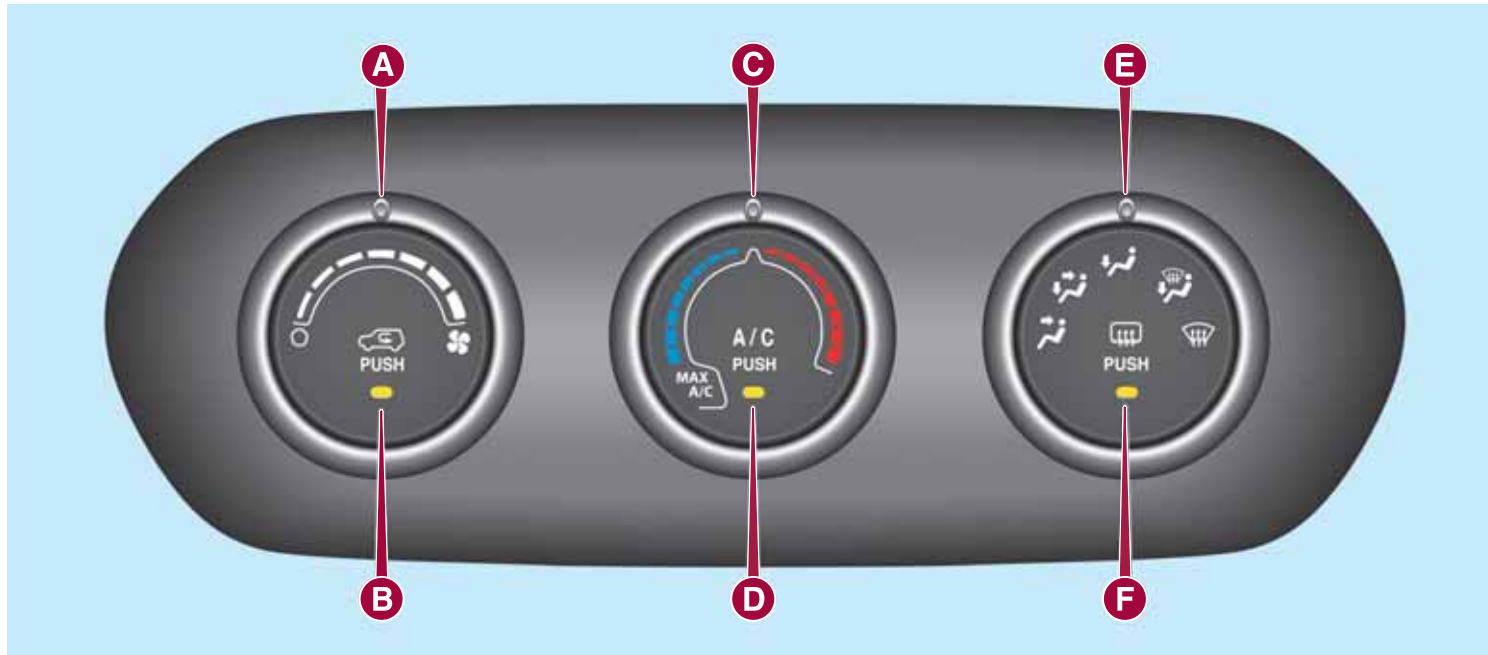
10) *If ice is found on the windscreen, make sure that the device was disconnected properly.*

CLIMATE CONTROL SYSTEM



2)

MANUAL CLIMATE CONTROL SYSTEM



33

F1B0052C

A - fan activation/adjustment knob:

☐ 0 = fan off

☐ ☼ = fan speed (7 different speeds can be chosen)

B - air recirculation on/off button;

C - air temperature adjustment knob and MAX A/C function activation:

☐ blue section = cold air

☐ red section = hot air



D - climate control system compressor activation/deactivation button (not available for versions with heater only);

E - air distribution knob:

 air flow from central and side vents

 air flow from central vents, side vents and front / rear footwell vents

 air outlet from the front and rear footwell diffusers and a light air flow also from the side vents on the dashboard

 air outlet from the front and rear footwell diffusers, to the windscreen, the side windows and a light air flow also at the side vents on the dashboard

 air outlet to the windscreen, the side windows and a light air flow also at the side vents on the dashboard

4 further intermediate positions are also possible in the 5 main distributions described above.

F - Heated rear window on/off button;

Selecting the windscreen air distribution activates the climate control system compressor (LED on A/C button on) and the air recirculation is set to "outside air" (LED on button B off). This logic guarantees optimum visibility at the windows. The driver can always set air recirculation and climate control system compressor.

Additional heater

(where provided)

The additional heater ensures more rapid passenger compartment heating.

It activates in cold weather conditions, if the following conditions are verified:

☐ outside temperature low;

☐ engine coolant temperature low;

☐ engine started;

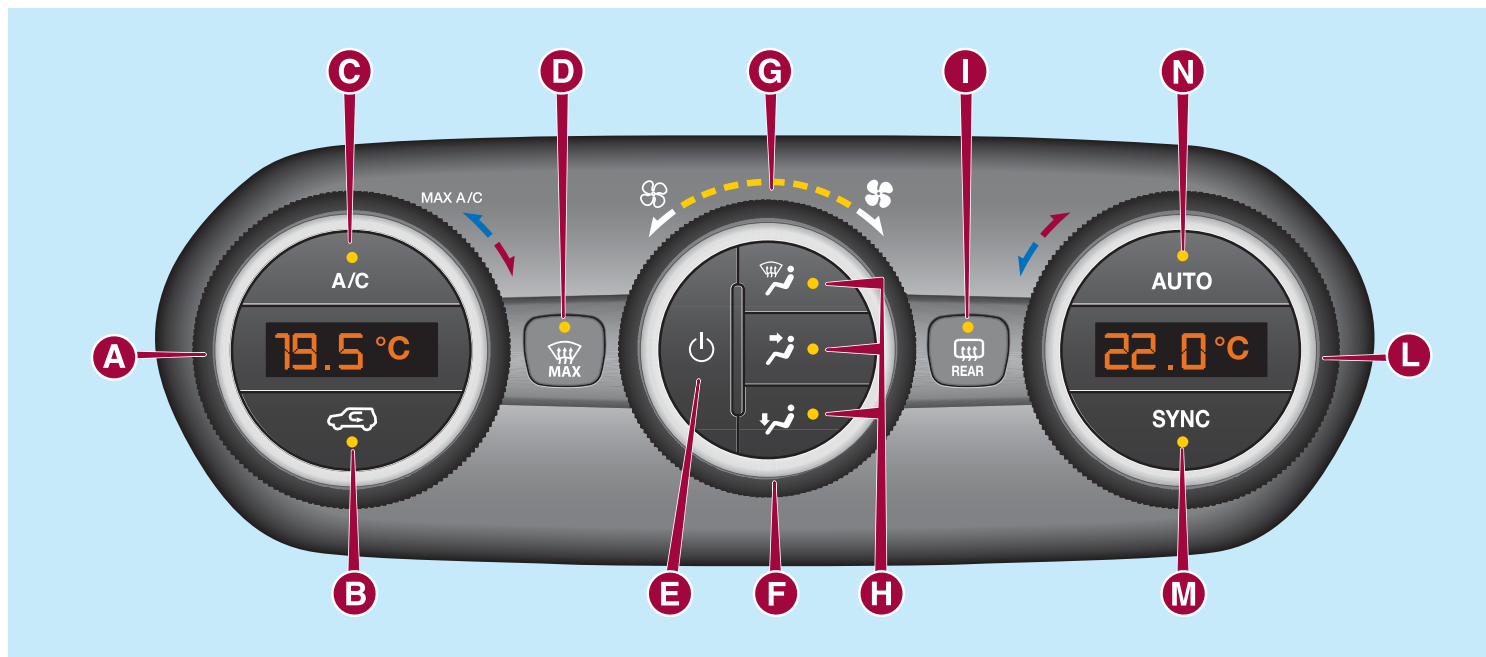
☐ fan speed set at least to 1st speed;

☐ knob C turned completely clockwise to red section.

The heater is switched off when at least one of the conditions above is no longer verified.

Note The power of the electric heater is modulated according to the battery voltage.

AUTOMATIC DUAL ZONE CLIMATE CONTROL SYSTEM



34

F1B0051C

- A - driver side temperature adjustment knob;
- B - internal air recirculation on/off button;
- C - climate control system compressor on/off button;
- D - MAX-DEF function activation button (rapid defrosting/demisting of front windows);
- E - climate control on/off button;
- F - fan speed adjustment knob;
- G - Fan speed indicator LED;
- H - air distribution selection buttons;
- I - Heated rear window on/off button;
- L - passenger side temperature adjustment knob;
- M - SYNC function activation button (alignment of set temperatures) driver/passenger side;
- N - AUTO function activation button (automatic operation).



Air distribution selection

-  Air flow to the windscreen and front side window diffusers to demist/defrost them.
-  Air flow at central and side dashboard vents to ventilate the chest and the face during the hot season.
-  Air flow to the front and rear footwell diffusers. This air distribution setting heats the passenger compartment most quickly, giving a prompt sensation of warmth.
-  +  Air flow distributed between footwell diffusers (hotter air) and central and side dashboard vents (cooler air). This distribution setting is useful in spring and autumn on sunny days.
-  +  Air flow distributed between footwell vents and windscreen and front side vents. This distribution setting allows the passenger compartment to be warmed up efficiently and prevents the windows from misting up.
-  +  Air flow distributed between central and side dashboard vents and windscreen and front side window vents. This distribution allows air to be sent to the windscreen in conditions of strong sunlight.
-  +  +  Air flow distribution to all diffusers on the vehicle.

In AUTO mode, the climate control system automatically manages air distribution (the LEDs on buttons H are off). When set manually, the air distribution is indicated by the LEDs on the selected buttons switching on. In combined function mode the relevant function is enabled simultaneously with those already set by pressing the corresponding button. If a button whose function is already active is pressed, its operation is cancelled and the corresponding LED switches off. To restore automatic control of the air distribution after a manual selection, press the AUTO button.

Start&Stop

The automatic dual zone climate control system manages the Start&Stop system (engine off when vehicle speed is 0 km/h) to ensure adequate comfort inside the vehicle. When the Start&Stop 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

2) The system uses R1234YF coolant, which does not pollute the environment in the event of accidental leakage. Under no circumstances use R134a and R12 fluids, which are incompatible with the components of the system.

ELECTRIC WINDOWS



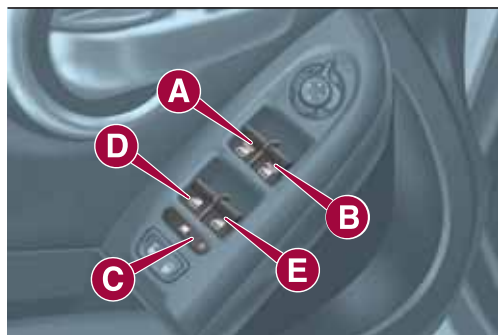
21)

Electric windows operate with the ignition device at MAR and for about 3 minutes after the ignition device switches to STOP (or key removed). When one of the front doors is opened this operation is disabled.

Driver side front door controls

All windows can be controlled from the driver side door panel fig. 35.

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



35

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❑ B: right front window opening/closing. "Continuous automatic" operation during window opening/closing stage and anti-pinch system activated (if present);

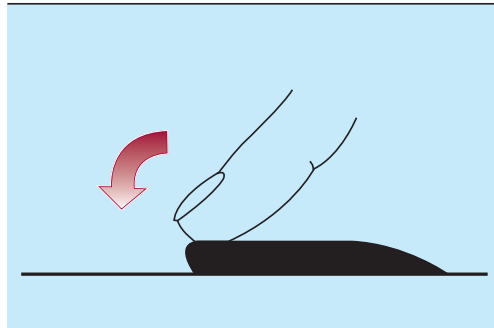
❑ C: enabling/disabling of rear door electric window controls;

❑ D: left rear window opening/closing (if present). "Automatic continuous" operation, only while opening;

❑ E: right rear window opening/closing (if present). "Automatic continuous" operation, only while opening.

Window opening

Push the buttons to open the desired window fig. 36.



36

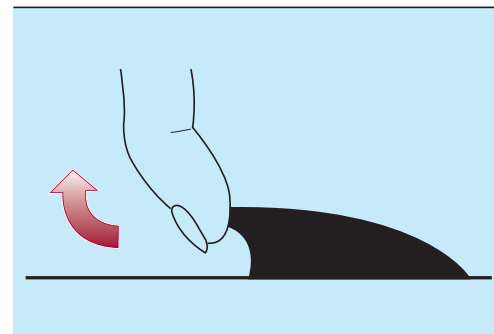
F1B0067C

When any of the buttons on front or rear doors 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 fig. 37.



37

F1B0068C

When any of the buttons on front or rear doors is pressed briefly, the window moves in stages; "continuous automatic" operation is possible only for the windows of the front doors. The rear door windows can only be closed in stages.



Front window anti-pinch safety device

(where provided)

This safety system can recognise the presence of any obstacle during the window closing movement. If this occurs, the system stops the window's movement and reverts it, depending on its position. The window then lowers by about 5 cm in relation to the first stop position. The window cannot be operated in any way during this time.

Electric window system initialisation

If power supply is interrupted, the electric window automatic operation must be reinitialised.

The initialisation procedure described below must be carried out with the doors closed and for each door:

- ☐ close the window by keeping the button pressed;
- ☐ once the window is completely closed, keep the button pressed for at least 3 seconds.

**WARNING**

21) *Incorrect use of the electric windows may be dangerous. Before and during operation, always check that nobody is exposed to the risk of being injured either directly by the moving window or through objects getting caught or by being hit. When leaving the vehicle (equipped with mechanical key with remote control), always remove the key from the ignition device to prevent accidental operation of the electric windows from being a hazard for those still on board.*

ELECTRIC SUN ROOF

22) The electric sun roof comprises two glass panels (the front one is mobile and the rear one fixed) and is fitted with two manually operated sun blinds. Operation of the sun roof is only possible with the ignition device at MAR.

OPENING

Press button A fig. 38: the roof will open up completely.

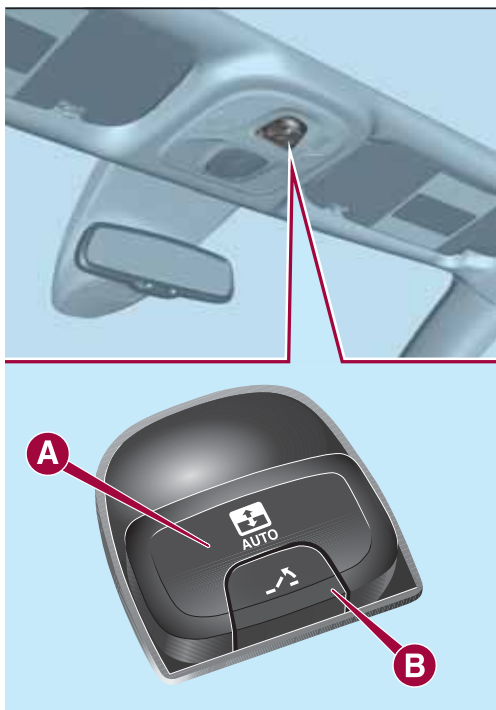


11) The automatic motion can be interrupted in any position by pressing button A again.

CLOSING

From the position of complete opening pull button A fig. 38: the roof will close completely.

The automatic motion can be interrupted in any position by pressing button A again.



38

F1B0069C

SWIVEL OPENING

To bring the roof into "swivel" position, press and release button C fig. 38. This type of swivel-opening can be activated irrespective of the position of the sun roof. When starting with the roof in closed position, pressing the button automatically causes its swivel-opening. If the roof is already open, the button must be held until the roof reaches the swivel-opening position.

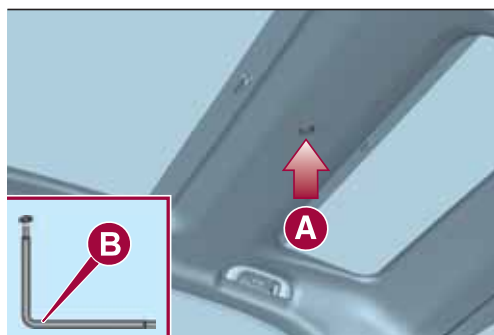
Pressing button C again during automatic movement of the roof will stop it.

ANTI-PINCH DEVICE

The sun roof has an anti-pinch safety system capable of detecting the presence of an obstacle during the closing movement: if this happens, the system intervenes and the movement of the roof is immediately reversed into opening.

EMERGENCY OPERATION

If the control buttons fail to operate, the sun roof can be moved manually, proceeding as described below:



39

F1B0070C

- ❑ remove protective cap A fig. 39 on the internal trim;
- ❑ take Allen key B provided;
- ❑ place Allen key B into housing A;

❑ turn Allen key B in a clockwise direction to open the roof or in an anticlockwise direction to close it.

INITIALISATION PROCEDURE

After irregular behaviour of the sun roof or an emergency manoeuvre (see description in the previous paragraph), the automatic operation of the sun roof must be initialised again. Proceed as follows:

- ❑ press button A fig. 38 to bring the roof into completely closed position;
- ❑ bring the ignition device to STOP and wait at least 10 seconds;
- ❑ bring the ignition device to MAR;
- ❑ hold button A down for at least 10 seconds, then you should hear the mechanical stop of the roof motor;
- ❑ within 5 seconds hold button A down: the roof will perform a complete automatic opening and closing cycle (to indicate that the initialisation procedure has been successful). If this does not occur, the procedure must be restarted from the beginning.





WARNING

22) When leaving the vehicle, always remove the key (where present) from the ignition to avoid the risk of injury 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 roof rack or crossbars are fitted. Do not open the sun roof if there is snow or ice on it: you may damage it.

BONNET

OPENING

Proceed as follows:

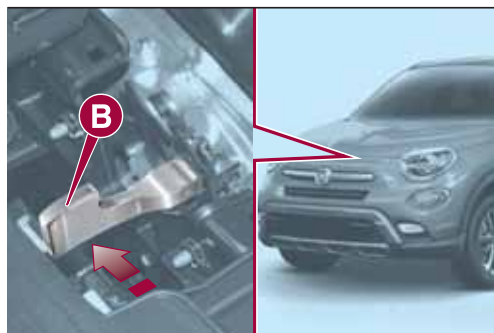
□ pull lever A fig. 40 in the direction indicated by the arrow;



40

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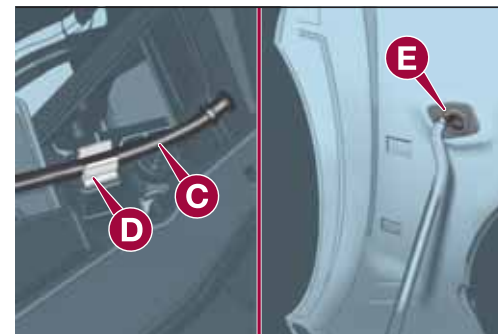
□ operate lever B fig. 41, in the direction indicated by the arrow, and raise the bonnet;



41

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□ release bonnet stay C fig. 42 from its locking device D, then insert its end in housing E on the bonnet.



42

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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.

! 23) 24) 25)

CLOSING

! 26)

Proceed as follows:

□ hold the bonnet up with one hand and with the other remove the stay C fig. 42 from the housing E and fit it back in the locking device D;

❑ lower the bonnet to approximately 40 centimetres from the engine compartment and 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.

IMPORTANT Always check that the bonnet is closed correctly to prevent it from opening while the vehicle is travelling.



WARNING

23) Perform these operations only when the vehicle is stationary.

24) Wrong positioning of the bonnet stay may cause the bonnet to fall abruptly.

25) Raise the bonnet using both hands. Before raising the bonnet make sure that the windscreen wipers are not lifted from the windscreen, that the vehicle is at a standstill and that the electric parking brake is engaged.

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

BOOT



The boot unlocking is electrically operated and is deactivated when the vehicle is in motion.

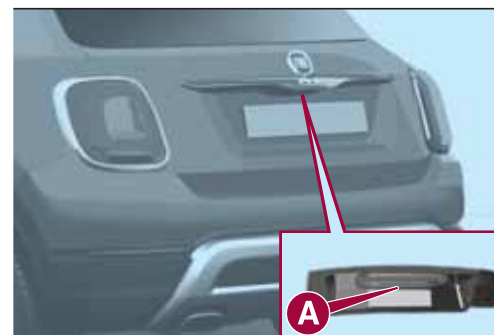
OPENING



27)

Opening from the outside

When unlocked, the tailgate can be opened from outside the vehicle using the electric opening handle A fig. 43 located under the handle until the unlocking click is heard or by quickly pressing button  on the remote control twice.



43

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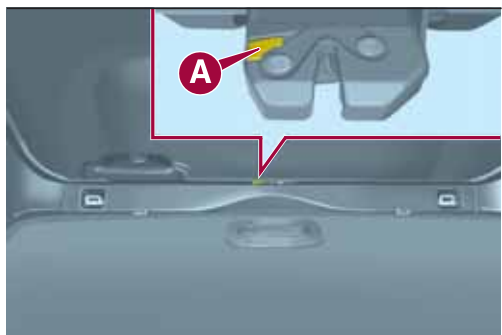
The direction indicators will blink twice and the internal roof light will simultaneously come on when the boot is opened; the roof light will automatically switch off when the tailgate is closed (see also "Interior lights").

If the tailgate is left open, the roof light will automatically switch off to preserve the battery charge.

Emergency opening from the inside

Proceed as follows:

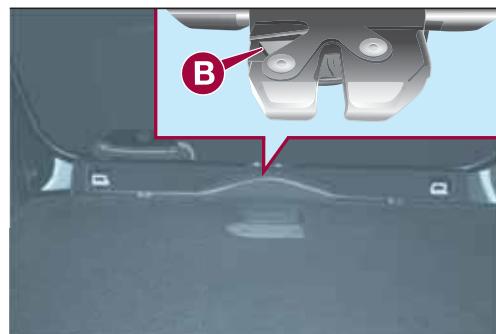
- ☐ lower the head restraints and fold the backrests;



44

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- ☐ identify and remove yellow guard A fig. 44, which is press-fitted on the lock, using the screwdriver provided;
- ☐ insert the screwdriver in order to activate tab B fig. 45, for mechanical release of the lock.



45

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CLOSING

Grip handle A fig. 46 and lower the tailgate, pressing next to the lock until it clicks.



46

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

BOOT INITIALISATION

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

- ☐ close all the doors and the boot;
- ☐ press the  "FIAT" button on the remote control;
- ☐ press the  button on the remote control.

LOAD COMPARTMENT

Reconfigurable load platform



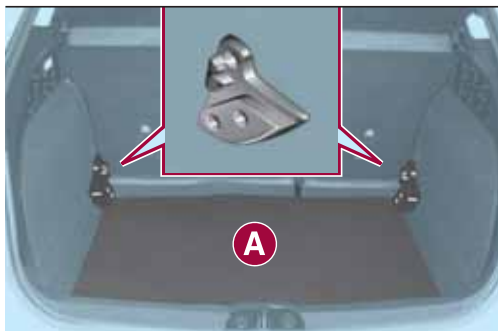
12)

The vehicle is equipped with a reconfigurable load platform A, which makes the boot volume modular. The load platform can be set to 2 different positions:

- ☐ **Floor level (low)** fig. 47: allows you to exploit the entire volume of the boot.
- ☐ **Threshold level (high)** fig. 48: in conjunction with the lowering of the rear seat and front passenger side seat backrests, permits long objects to be loaded. It also facilitates loading/unloading of objects in the boot. It also allows the space underneath (false bottom) to be used as a further compartment for stowing objects which are more fragile or small.

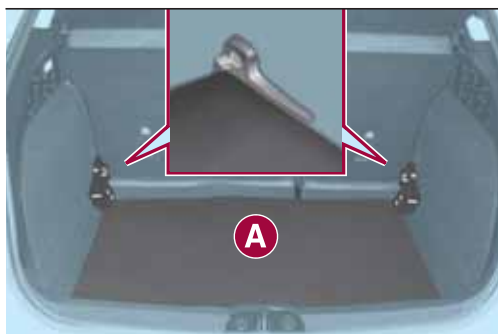
The load platform can also be tilted, and is equipped with a washable plastic surface, useful for instance for transporting wet or muddy items.

IMPORTANT Movements of the load platform must take place in a central position relative to the boot.



47

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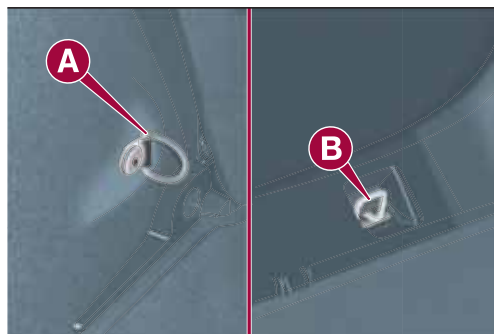


48

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Securing your load

There are four hooks at the corners of the boot (two at the front A fig. 49 and two at the rear B), for attaching cables which can secure the load carried.



49

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WARNING

27) Be careful not to hit objects on the storage shelf when you open the tailgate.



WARNING

12) The dimensions of the platform permit a maximum capacity of distributed weight of 70 kg; do not load objects with a heavier weight.



KNOWING THE INSTRUMENT PANEL

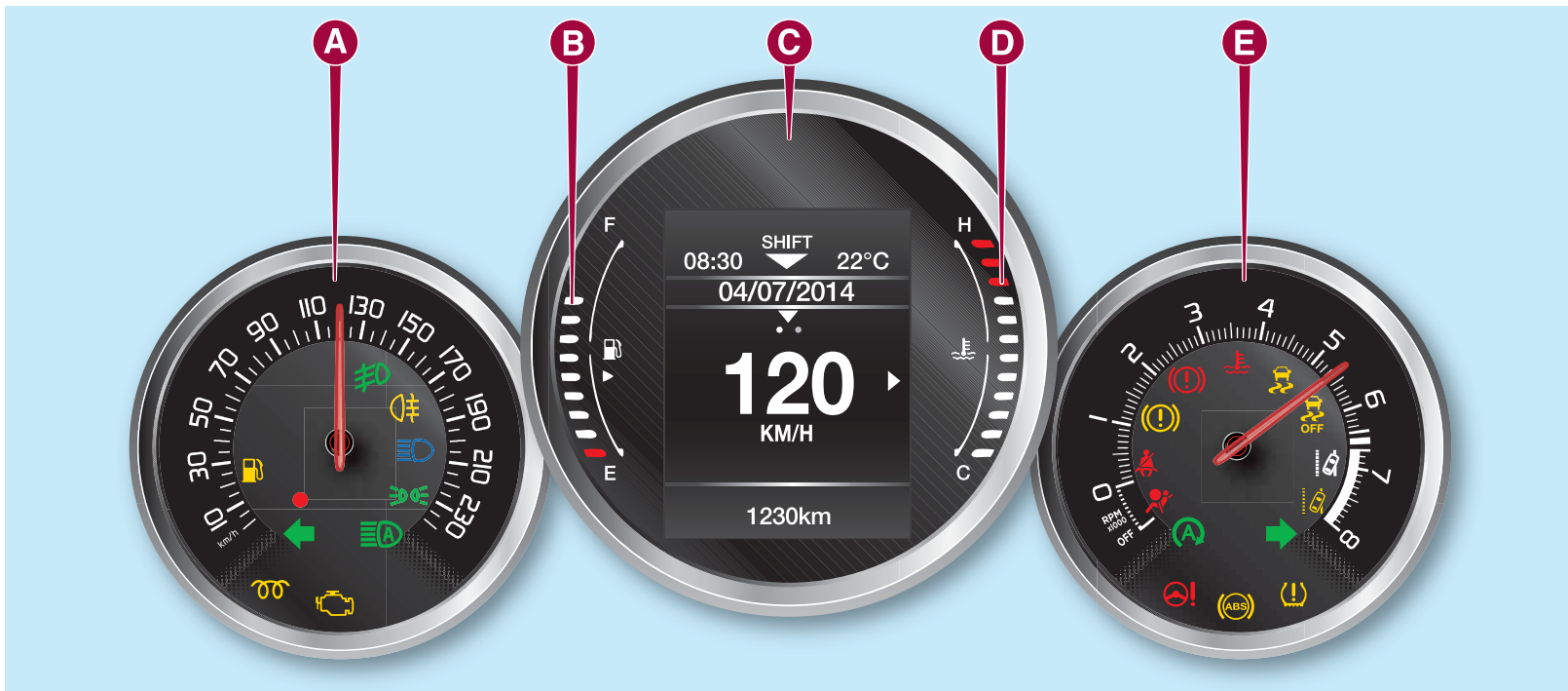
This section of the booklet gives you all the information you need to understand, interpret and use the instrument panel correctly.

CONTROL PANEL AND ON-BOARD INSTRUMENTS	39
DISPLAY	41
TRIP COMPUTER	43
WARNING LIGHTS AND MESSAGES	44

CONTROL PANEL AND ON-BOARD INSTRUMENTS



VERSIONS WITH SINGLE-COLOUR DISPLAY



50

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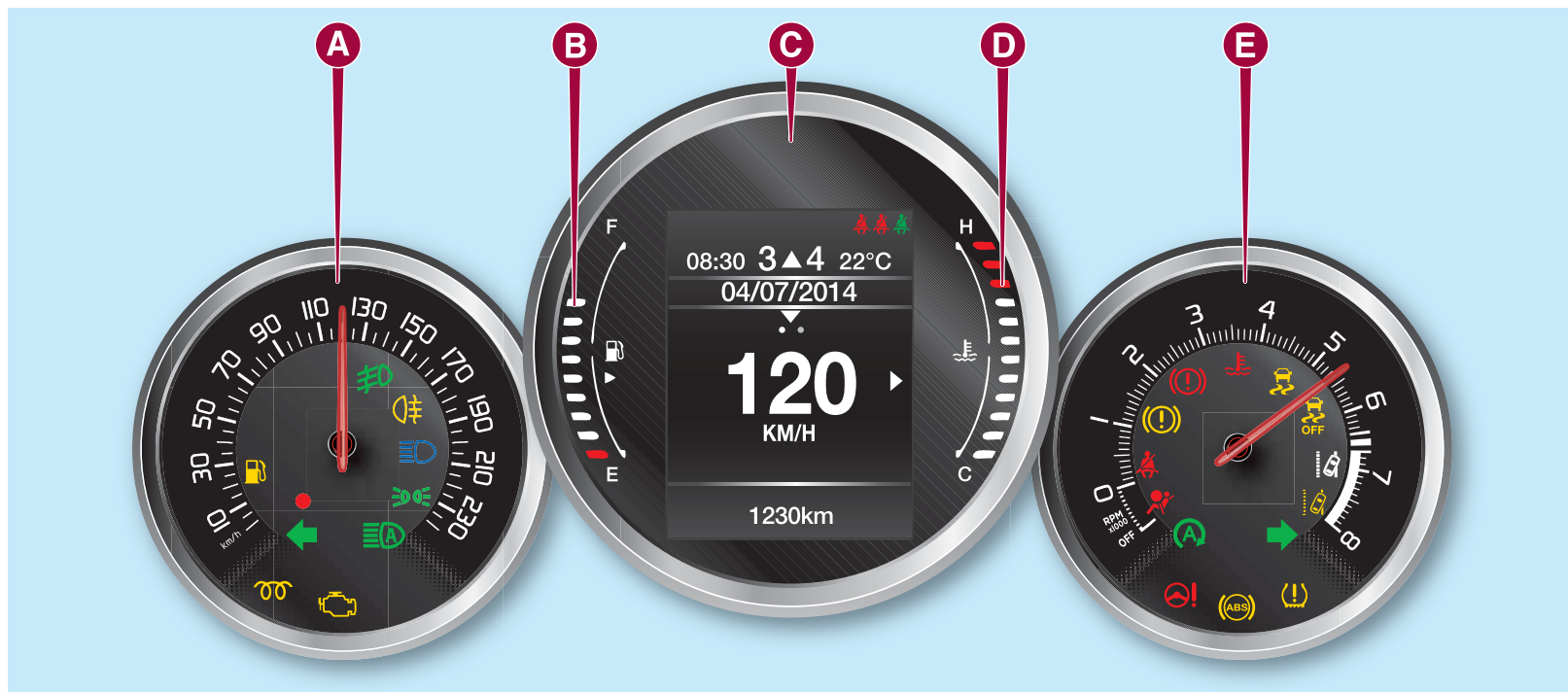
A. Speedometer (speed indicator) – B. Fuel level digital gauge with reserve warning light – C. Display – D. Digital engine coolant temperature gauge with overheating warning light – E. Rev counter.

Warning light supplied on diesel versions only.

IMPORTANT The illumination of the instrument panel graphics may vary according to version.



VERSIONS WITH COLOUR DISPLAY



51

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A. Speedometer (speed indicator) – B. Fuel level digital gauge with reserve warning light – C. Display – D. Digital engine coolant temperature gauge with overheating warning light – E. Rev counter.

⚠ Warning light supplied on diesel versions only.

IMPORTANT The illumination of the instrument panel graphics may vary according to version.

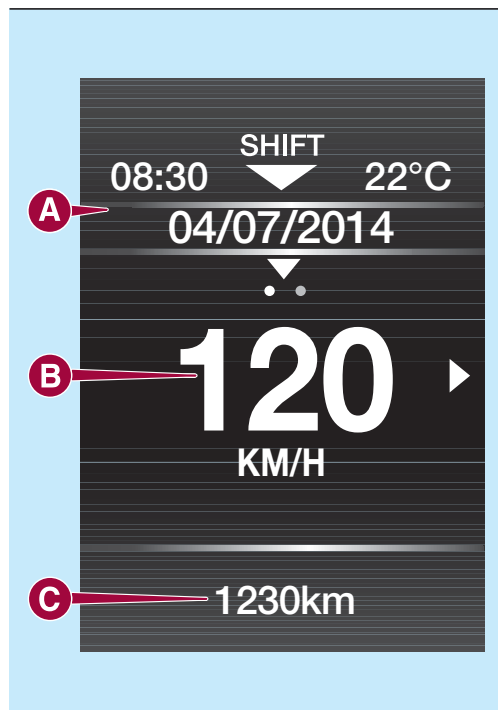
DISPLAY



DESCRIPTION

The vehicle is equipped with a display that can show useful information to the driver while driving.

The display fig. 52 will show the following information:



52

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❑ **A:** time, Gear Shift Indicator (where provided), gear engagement (versions with automatic transmission only), outside temperature, compass indications (where provided), date.

❑ **B:** vehicle speed, warning messages/any failure indications.

❑ **C:** total kilometres (or miles) run and icons of any failure indications.

GEAR SHIFT INDICATOR (where provided)

The Gear Shift Indicator (GSI) system advises the driver when to change gear through a special indication on the display

Through the GSI, the driver is informed that the gear change will allow a reduction in fuel consumption to be obtained.

When the SHIFT UP icon (▲ SHIFT) is shown on the display, the GSI is advising the driver to engage a higher gear, while the SHIFT DOWN (▼ SHIFT) icon advises the driver to engage a lower gear.

The indication in the display remains until a gear is shifted or the driving conditions go back to a situation where gearshifting is not required to improve consumption.

CONTROL BUTTONS

These are located on the left side of the steering wheel fig. 53.

They allow the driver to select and interact with the items in the Main menu of the display (see paragraph "Main menu").



53

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❑ ▲ / ▼ : press and release the buttons to access the Main menu and to scroll the menu and the submenus upwards or downwards.

❑ ◀ / ▶ : press and release the buttons to access the information displays or the submenus of an item of the Main menu.

❑ **OK:** press this button to access/select the info displays or the submenus of an item of the Main menu. Hold the button pressed for 1 second to reset the displayed/selected functions.



MAIN MENU

The Menu includes the following items:

- ☐ TRIP
- ☐ MOOD SELECTOR/GSI
- ☐ VEHICLE INFO
- ☐ DRIVER ASSIST
- ☐ AUDIO
- ☐ PHONE
- ☐ NAVIGATION
- ☐ ALERTS
- ☐ VEHICLE SETUP

Vehicle setup (Change vehicle settings)

This menu item allows you to change the settings for:

- ☐ "Display";
- ☐ "Units";
- ☐ "Clock & Date";
- ☐ "Security"
- ☐ "Safety & Assistance";
- ☐ "Lights";
- ☐ "Doors & Locks".

Display

By selecting item "Display" you can access the settings/information regarding: "Language", "See phone", "See navigation", "Trip B automatic reset", "Mood Selector repetition".

"Units"

Select item "Units" to choose the unit of measurement between: "Imperial", "Metric", "Custom".

"Clock & Date"

Select item "Clock & Date" to make the following adjustments: "Set time", "Time format", Set date".

"Security"

Select item "Security" to make the following adjustments: "Passenger AIRBAG", "Speed beep", "Seat belt buzzer", "Hill Hold Control".

"Passenger AIRBAG" adjustment allows you to activate/deactivate the passenger airbag:

☐ **Passenger's protection active:** the  **ON** LED comes on constantly in the instrument panel dashboard.

☐ **Passenger's protection not active:** the  **OFF** LED comes on constantly in the instrument panel dashboard.

"Safety & Assistance"

For possible adjustments see the **Uconnect™** paragraph in the dedicated chapter.

"Lights"

Select item "Lights" to make the following adjustments: "Ambient lighting", "Headlight sensor", "Follow me", "Headlights while opening", "High Beams Auto Dim", "Daytime Lights", "Cornering lights".

"Doors & Locks"

Select item "Doors & Locks" to make the following adjustments: "Autoclose", "Auto unlock on exit", "Flash Lights w/Lock", "Horn with Lock", "Horn w/Remote Start", "Remote Unlock", "Door Unlock" (versions with Keyless Entry), "Keyless Entry".

TRIP COMPUTER



The "Trip computer" is used to display information on vehicle operation when the ignition device is at MAR.

This function is characterised by two separate memories, called "Trip A" and "Trip B", where the vehicle's "complete missions" (journeys) are recorded in a reciprocally independent manner.

"Trip A" and "Trip B" are used to display the values relating to:

- ☐ Distance travelled
- ☐ Average consumption
- ☐ Average speed
- ☐ Trip time (driving time)



54

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To reset the values, press and hold down the **OK button** fig. 54 on the steering wheel.

Note "Range" and "Instant consumption" values cannot be reset.



WARNING LIGHTS AND MESSAGES

IMPORTANT The warning light switches on in the instrument panel 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 Failure indications displayed are divided into two categories: serious and less serious failures. Serious failures are indicated by a repeated and prolonged warning "cycle". Less serious failures 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 light	What it means
	INSUFFICIENT BRAKE FLUID / ELECTRIC PARKING BRAKE ON Low brake fluid level The warning light switches on when the brake fluid in the reservoir falls below the minimum level, possibly due to a leak in the circuit. Restore the brake fluid level, then check that the warning light has switched off. If the warning light stays on, contact a Fiat Dealership.
	Electric parking brake on The warning light switches on when the electric parking brake is engaged. Release the electric parking brake, then check that the warning light has switched off. If the warning light stays on, contact a Fiat Dealership.
 	EBD FAILURE The simultaneous switching on of the (ⓘ) (red) and (ABS) (amber) warning lights with the engine on indicates either a failure 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. Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately.

Warning light	What it means
	POWER STEERING FAILURE This warning light (or symbol in the display) switches on when the ignition device is brought to MAR, but it should switch off after a few seconds. If the warning light (or symbol on the display) remains on, you could not have steering assistance and the effort required to operate the steering wheel could be increased; steering is, however, possible. On some versions, the display shows the dedicated message. Contact a Fiat Dealership as soon as possible.
	SEAT BELTS NOT FASTENED The warning light switches on constantly if the vehicle is stationary and the driver side and/or passenger side seat belt (with passenger seated) is not fastened. The warning light flashes and an acoustic signal will sound if the vehicle is in motion and the driver side and/or passenger side seat belt (with passenger seated) is not correctly fastened. Fasten the seat belt.
	AIRBAG FAILURE If the warning light switches on constantly, this indicates a failure in the airbag system.  28) 29)



WARNING

28) If, when the ignition device is turned to MAR, the  warning light does not switch on or stays on whilst driving, a failure may have occurred in the restraint systems. In this case the airbags or pretensioners may not be deployed in an impact or, in a lower number of cases, they may be deployed accidentally. Before proceeding, contact a Fiat Dealership to have the system checked as soon as possible.

29) The failure of the  warning light is signalled by the switching on of the icon  on the instrument panel. In this case, the warning light may not indicate any failure with the restraint systems. Before continuing, contact a Fiat Dealership immediately to have the system checked.



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

Warning light	What it means
	iTPMS iTPMS failure The warning light switches on when a failure is detected in the iTPMS. Should one or more wheels be fitted without sensors, the display will show a warning message until initial conditions are restored. IMPORTANT Do not continue driving with one or more flat tyres as handling may be compromised. Stop the vehicle, avoiding sharp braking and steering. Repair immediately using the dedicated tyre repair kit (see the "Fix&Go automatic kit" paragraph in the "In an emergency" chapter) and contact a Fiat Dealership as soon as possible. Tyre pressure low The warning light switches on and a message is displayed 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. Should two or more tyres be in the condition mentioned above, the display will show the indications corresponding to each tyre. In any situation in which the dedicated message is shown on the display, it is ESSENTIAL to refer to the contents of the "Wheels" paragraph in the "Technical data" chapter, strictly complying with the indications that you find there. In any situation in which the dedicated message is shown on the display, the sequence of indications corresponding to each tyre.
	ABS FAILURE The warning light switches on to indicate an ABS fault. In this case the braking system will work as normal, but without the extra performance offered by the ABS. Drive carefully and contact a Fiat Dealership as soon as possible.



Warning light	What it means
	ESC SYSTEM ESC system activation Intervention by the system is indicated by the flashing of the warning light: it indicates that the vehicle is in critical stability and grip conditions. ESC system failure If the warning light does not switch off, or if it stays on with the engine running, a failure was found on the ESC system. Contact a Fiat Dealership as soon as possible. Hill Hold Control system failure The warning light switches on and the displays shows the dedicated message, indicating Hill Hold Control system failure. Contact a Fiat Dealership as soon as possible.
	PARTIAL / TOTAL DEACTIVATION OF ACTIVE SAFETY SYSTEMS The warning light switches on to indicate that some active safety systems have been partially or totally deactivated. When the systems are reactivated, the warning light switches off.
	REAR FOG LIGHT The warning light switches on when the rear fog light is turned on.
	ELECTRIC PARKING BRAKE FAILURE The warning light switches on when electric parking brake failure is detected. Contact a Fiat Dealership as soon as possible.  30)



WARNING

30) If a failure is present with sharp braking, the rear wheels may lock and the vehicle may swerve.

Warning light	What it means
	INJECTION/EOBD SYSTEM FAILURE In normal conditions, when the ignition device is brought to MAR, the warning light switches on, but it should switch off as soon as the engine is started. The operation of the warning light may be checked by the traffic police using specific devices. Comply with the laws and regulations of the country where you are driving. ⚠️ 13) Injection system failure If the warning light remains on, or it switches on whilst driving, the injection system is not working properly. The warning light on constantly signals a malfunction in the supply/ignition system which could cause high exhaust emissions, a possible loss of performance, poor driveability and high consumption. On some versions, the display shows the dedicated message. The warning light switches off if the malfunction disappears, but it is still stored by the system. 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 may cause damage. Contact a Fiat Dealership as soon as possible. Catalytic converter damaged If the warning light flashes, it means that the catalytic converter may be damaged. 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. ⚠️ 14)

WARNING

- 13)** If, turning the ignition device to MAR, the  warning light does not turn on or if it turns on steadily or flashing when travelling (on some versions together with the message on the display), contact a Fiat Dealership as soon as possible.
- 14)** If, turning the ignition device to MAR, the warning light does not turn on or if it turns on steadily or flashing when travelling, contact a Fiat Dealership as soon as possible.



Warning light	What it means
	LANE ASSIST SYSTEM The warning light switches on as follows: <i>Warning light continuously on (white):</i> the system is activated, but the lane limits were not detected (the lane lines are grey). <i>Warning light on and flashing (amber):</i> the vehicle has approached the lane line and is about to pass it. <i>Warning light switched on continuously (green):</i> the system has detected the limits of both lanes. The system will act on the steering wheel if the lane was passed unintentionally.
	LANE ASSIST SYSTEM The warning light turns on when the system is not available. Contact a Fiat Dealership to have the system checked.
	GLOW PLUG PREHEATING (Diesel versions) This warning light comes on when the ignition device is brought to MAR and will switch off when the glow plugs have reached the preset temperature. The engine can be started as soon as the warning light switches off. IMPORTANT In mild or high temperature conditions, the warning light comes on for a very short time only. GLOW PLUG PREHEATING FAILURE (Diesel versions) The warning light will flash to indicate a failure in the glow plug preheating system. In this case, contact a Fiat Dealership as soon as possible.
	FULL BRAKE CONTROL OFF The warning light switches on in the case of Full Brake Control system failure. Contact a Fiat Dealership as soon as possible.

Warning light	What it means
	FUEL RESERVE/LIMITED RANGE This warning light or the icon on the display comes on when about 5 to 7 litres of fuel are left in the tank.  15)
	SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS The warning light switches on when side lights or dipped beam headlights are turned on. This function allows the headlights to remain on for 30, 60 or 90 seconds after the ignition device was placed in STOP position ("Follow me" function).
	AUTOMATIC MAIN BEAM HEADLIGHTS This warning light comes on when the automatic main beam headlights are turned on.
	FOG LIGHTS The warning light switches on when the fog lights are turned on.
	LEFT-HAND DIRECTION INDICATOR The warning light switches on when the direction indicator control stalk is moved downwards or, together with the right indicator, when the hazard warning light button is pressed.



WARNING

15) If the warning light (or the icon on the display) flashes whilst driving, contact a Fiat Dealership.



Warning light	What it means
	RIGHT-HAND DIRECTION INDICATOR The warning light switches on when the direction indicator control stalk is moved upwards or, together with the left indicator, when the hazard warning light button is pressed.
	START&STOP SYSTEM ACTIVATION/DEACTIVATION Activation: the symbol turns on when the system is activated; in this case the LED on the button is off. Deactivation: a dedicated message appears on the display when the Start&Stop system is deactivated; in this case the LED on the button is on.
	MAIN BEAM HEADLIGHTS The warning light switches on when the main beam headlights are turned on.

SYMBOLS ON THE DISPLAY

Symbol	What it means
	LOW ENGINE OIL PRESSURE The symbol switches on, together with a message on the display, if there is insufficient engine oil pressure.  16) IMPORTANT Do not use the vehicle until the failure has been eliminated. The switching on of the symbol does not indicate the quantity of oil in the engine: the oil level must be checked manually.



WARNING

16) If the  symbol switches on when driving, stop the engine immediately and contact a Fiat Dealership.

Symbol	What it means
	AIRBAG FAILURE If the symbol switches on constantly, this indicates a failure in the airbag system. Contact a Fiat Dealership as soon as possible.
	BONNET NOT PROPERLY SHUT The symbol switches on when the bonnet is not properly shut. Close the bonnet properly.
	TAILGATE NOT PROPERLY SHUT The symbol switches on when the tailgate is not properly shut. Close the tailgate correctly.
	AUTOMATIC TRANSMISSION FAILURE The symbol switches on to indicate that there is a failure in the automatic transmission. Contact a Fiat Dealership as soon as possible.  17)



WARNING

17) Driving the vehicle with this symbol on may severely damage the gearbox, with resulting breakage. The oil may also overheat: contact with hot engine or with exhaust components at high temperature could cause fires.



Symbol	What it means
	ALTERNATOR FAILURE The switching on of the symbol with engine on corresponds to an alternator failure. Contact a Fiat Dealership as soon as possible.
	INCOMPLETE DOOR LOCKING The symbol switches on when one or more doors are not completely shut. An acoustic signal is activated with the doors open and the vehicle moving. Close the doors properly.
	DST FAILURE The symbol switches on in the case of failure of the DST system. Contact a Fiat Dealership as soon as possible.
 	FULL BRAKE CONTROL SYSTEM FAILURE The amber symbol switches on in the case of temporary Full Brake Control system failure. The red symbol switches on in the case of permanent Full Brake Control system failure. In this case, contact a Fiat Dealership as soon as possible.

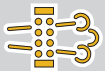
Symbol	What it means
 	PARKING SENSORS (PARK ASSIST) FAILURE The amber symbol switches on in the case of temporary failure of the parking sensors. If the problem is still present after cleaning the parking sensor area, contact a Fiat Dealership. The red symbol switches on in the case of permanent failure of the parking sensors. The failed operation of the system might be due to the insufficient voltage from the battery or other failures on the electrical system. Contact a Fiat Dealership as soon as possible.
 	LANE ASSIST SYSTEM FAILURE Camera obstructed: the symbol lights up in the case of dirt on the windscreen, which may adversely affect correct operation of the camera. On some versions the icon of the vehicle is shown on the upper right area of the display. In this case clean the windscreen using a soft clean cloth, taking care not to scratch it. Should the failure persist, contact a Fiat Dealership as soon as possible. Permanent failure: the red symbol switches on in case of permanent failure of the Lane Assist system. Contact a Fiat Dealership as soon as possible.
 	BLIND SPOT ASSIST SYSTEM Sensor failure: the amber symbol turns on (on some versions together with a message on the display) in the case of Blind Spot Assist system sensor failure. In this case the LEDs on the door mirrors are on constantly. Free the rear bumper of any obstacles or clean it. System not available: the amber symbol turns on (on some versions together with a message on the display) if the Blind Spot Assist system is not available. In this case the LEDs on the door mirrors are on constantly. The failed operation of the system might be due to the insufficient voltage from the battery or other failures on the electrical system. Contact a Fiat Dealership as soon as possible to have the electrical system checked. Blind Spot Assist system failure: the red symbol turns on (on some versions together with a message on the display) in the case of Blind Spot Assist system failure. In this case the LEDs on the door mirrors are off. An acoustic signal is also issued.



Symbol	What it means
	FIAT CODE SYSTEM FAILURE/BREAK-IN ATTEMPT Fiat CODE system failure The symbol switches on to indicate a failure of the Fiat CODE system. Contact a Fiat Dealership as soon as possible. Break-in attempt The symbol switches on when the ignition device is moved to MAR position, to indicate a possible break-in attempt detected by the alarm system.
	FUEL CUT-OFF SYSTEM OPERATION The symbol switches on in the event of fuel cut-off system intervention. For reactivating the fuel cut-off system, refer to the description in the "Fuel cut-off system" section in the "In an emergency" chapter. If it is still not possible to restore the fuel supply, contact a Fiat Dealership.
	FUEL CUT-OFF SYSTEM FAILURE The symbol switches on in the event of fuel cut-off system failure. Contact a Fiat Dealership as soon as possible.
	AUTOMATIC TRANSMISSION FLUID OVERHEATING The symbol switches on in the case of transmission overheating, after a particularly demanding use. In this case an engine performance limitation is carried out. With engine off or at idle speed, wait until the symbol switches off.
	AUDIO SYSTEM FAILURE The symbol switches on to report a failure of the audio system. Contact a Fiat Dealership as soon as possible.
	DUSK SENSOR FAILURE The symbol switches on along with a message on the display in the event of dusk sensor failure. Contact a Fiat Dealership as soon as possible.

Symbol	What it means
	RAIN SENSOR FAILURE The symbol switches on in the case of failure of the rain sensor. Contact a Fiat Dealership as soon as possible.
	START&STOP SYSTEM FAILURE The symbol switches on to report a failure of the Start&Stop system. The display will show a dedicated message. Contact a Fiat Dealership as soon as possible.
	KEYLESS GO SYSTEM FAILURE The symbol switches on in the event of Keyless Go system failure. Contact a Fiat Dealership as soon as possible.
	POSSIBLE ICE ON ROAD The symbol turns on when the outside temperature falls to or below 3°C. IMPORTANT In the case of outside temperature sensor failure, the digits that indicate the value are replaced by dashes.
	SPEED LIMITER FAILURE The symbol switches on in the case of failure of the Speed Limiter device. Contact a Fiat Dealership as soon as possible to have the failure eliminated.
	4x4 DRIVE SYSTEM FAILURE The symbol turns on to indicate that there is a failure in the 4x4 drive system. Contact a Fiat Dealership as soon as possible.
	EXTERIOR LIGHTS FAILURE The symbol switches on to indicate a failure on the following lights: daytime running lights (DRLs); parking lights; side lights; direction indicators; rear fog light; reversing light; number plate lights. The failure may be caused by a blown bulb, a blown protection fuse or an interruption of the electrical connection.
	BRAKE LIGHT FAILURE The symbol switches on to indicate a failure of the brake lights (STOP).



Symbol	What it means
	AUTOMATIC MAIN BEAM HEADLIGHTS FAILURE The symbol switches on to report a failure of the automatic main beam headlights. Contact a Fiat Dealership as soon as possible.
	WATER IN DIESEL FILTER (diesel versions) The symbol switches on constantly when driving (along with a message in the display), to indicate the presence of water in the diesel filter.  18)
	DPF CLEANING (particulate trap) in progress (diesel versions with DPF only) The symbol switches on constantly to indicate that the DPF system needs to eliminate the trapped pollutants (particulate) through the regeneration process. The symbol does not switch on during every DPF regeneration, but only when driving conditions require that the driver is notified. To turn off the symbol, keep the vehicle in motion until the regeneration process is over. On average, the process lasts 15 minutes. Optimal conditions for completing the process are achieved by travelling at 60 km/h with engine speed above 2000 rpm. When this symbol switches on, it does not indicate a vehicle failure and thus it should not be taken to a workshop.  19)



WARNING

18) The presence of water in the fuel supply system circuit may cause severe damage to the injection system and irregular engine operation. If the  symbol is displayed contact a Fiat Dealership as soon as possible to bleed the system. If the above indications come on immediately after refuelling, water has probably been poured into the tank: switch the engine off immediately and contact a Fiat Dealership.

19) 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 DPF warning light is on: however, repeated interruptions of the regeneration process could cause premature deterioration of the engine oil. For this reason it is always advisable to wait for the symbol to go off before turning off the engine, following the instructions above. It is not advisable to complete DPF regeneration with the vehicle stationary.

Symbol	What it means
	FUEL LEVEL SENSOR FAILURE The symbol switches on in the event of fuel level sensor failure. Contact a Fiat Dealership.
	ENGINE OIL DETERIORATED (where provided) Diesel versions: the symbol turns on and is displayed for 3 minute cycles and intervals of 5 seconds until the oil is changed. The symbol is displayed until the problem is solved. Petrol versions: the symbol switches on and then is not displayed when the display cycle is completed. IMPORTANT After the first indication, each time the engine is started the symbol will continue to switch on as described above until the oil is changed. If the symbol flashes, this does not mean that there is a fault on the vehicle, rather it simply reports that it is now necessary to change the oil as a result of regular use of the vehicle. The deterioration of engine oil is accelerated by using the vehicle for short drives, preventing the engine from reaching operating temperature. Contact a Fiat Dealership as soon as possible.  20) 21)



WARNING

20) Deteriorated engine oil should be replaced as soon as possible after the symbol is switched on, and never more than 500 km after it first switches on. Failure to observe the above indications may result in severe damage to the engine and invalidate the warranty. The switching on of this symbol is not correlated to the quantity of oil in the engine; therefore if it flashes you do not need to top up the engine oil.

21) If the symbol flashes whilst driving, contact a Fiat Dealership.



Symbol	What it means
	GENERAL FAILURE The switching on of this symbol signals: engine oil pressure sensor failure. Contact a Fiat Dealership as soon as possible.
	SCHEDULED SERVICING (SERVICE) When the next scheduled service is approaching, the symbol will be displayed, followed by the number of kilometres/miles or days (where provided) left, when the ignition device is turned to MAR. Go to a Fiat Dealership, where the "Scheduled Servicing Plan" operations will be performed and the message will be reset.
	The switching on of this symbol indicates that the clutch pedal must be pressed for starting enablement.
	The switching on of this indication is equivalent to the suggestion to engage a higher gear (upshifting).
	The switching on of this indication is equivalent to the suggestion to engage a lower gear (downshifting).
 	SPEED LIMIT EXCEEDED The (white) symbol switches on when the speed limit (e.g. 110 km/h) set through the menu of the display is exceeded (the inner value updates according to the set speed). For versions/markets, where provided, the (red) symbol switches on when the speed limit set through the menu of the display is exceeded: for these versions the value is set to 120.

SAFETY

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

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ACTIVE SAFETY SYSTEMS

The vehicle has the following active safety systems:

- ❑ ABS (Anti-lock Braking System);
- ❑ DTC (Drag Torque Control);
- ❑ ESC (Electronic Stability Control);
- ❑ TC (Traction Control);
- ❑ PBA (Panic Brake Assist);
- ❑ HHC (Hill Hold Control);
- ❑ DST (Dynamic Steering Torque);
- ❑ ERM (Electronic Rollover Mitigation);
- ❑ TSC (Trailer Sway Control).

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

ABS (Anti-lock Braking System)

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 system intervenes during braking when the wheels are about to lock, typically in emergency braking or low-grip conditions, when locking may be more frequent.

The system also improves control and stability of the vehicle when braking on a surface where the grip of the left and right wheels varies, or on corners. The Electronic Braking Force Distribution (EBD) system completes the system allowing the brake force to be distributed between the front and rear wheels.

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.



31) 32) 33) 34) 35) 36) 37)

DTC (Drag Torque Control) SYSTEM

The system intervenes in the event of sudden downshifting, or during ABS braking, restoring torque to the engine and thus preventing excessive drag at the drive wheels, which may lead the wheels to lock and a loss of vehicle stability, above all in low-grip conditions.

ESC (Electronic Stability Control) SYSTEM

The ESC system improves the directional control and stability of the vehicle in various driving conditions.

The ESC system corrects the vehicle's understeer and oversteer, distributing the brake force on the wheels appropriately. The torque supplied by the engine can also be reduced in order to maintain control of the vehicle. The ESC system uses sensors installed on the vehicle to determine the trajectory that the driver intends to follow and compares it with the vehicle's effective trajectory. When the real trajectory deviates from the desired trajectory, the ESC system intervenes to counter the vehicle's understeer or oversteer.

❑ *Oversteer*: occurs when the vehicle is turning more than it should according to the angle of the steering wheel.

❑ *Understeer*: occurs when the vehicle is turning less than it should according to the angle of the steering wheel.

System intervention

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



38) 39) 40) 41) 42)

TC (Traction Control) SYSTEM

The system automatically operates in the event of slipping, loss of grip on wet roads (aquaplaning) and acceleration on slippery, snowy or icy roads, etc. on one or more drive wheels. Depending on the slipping conditions, two different control systems are activated:

☐ if the slipping involves both drive wheels, the system intervenes, reducing the power transmitted by the engine;

☐ if the slipping only involves one of the drive wheels, the BLD (Brake Limited Differential) function is activated, automatically braking the wheel which is slipping (the behaviour of a self-locking differential is simulated). This will increase the engine torque transferred to the wheel which isn't slipping. This function remains active even if the "Systems partially disabled" and "Systems disabled" modes are selected (see description in the following pages).

System intervention

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



43) 44) 45) 46) 47)

PBA (Panic Brake Assist) SYSTEM

The PBA system is designed to improve the vehicle's braking capacity during emergency braking.

The system detects emergency braking by monitoring the speed and force with which the brake pedal is pressed, and consequently applies the optimal brake pressure. This can reduce the braking distance: the PBA system therefore completes the ABS. Maximum assistance from the PBA system is obtained by pressing the brake pedal very quickly. In addition, the brake pedal should be pressed continuously during braking, avoiding intermittent presses, to get the most out of the system. Do not reduce pressure on the brake pedal until braking is not necessary anymore. The PBA system is deactivated when the brake pedal is released.



48) 49) 50)

HHC (Hill Hold Control) SYSTEM

This is an integral part of the ESC system and facilitates starting on slopes, activating automatically 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.

When setting off, the ESC system control unit maintains the braking pressure on the wheels until the engine torque necessary for starting is reached, or in any case for a maximum of 2 seconds, allowing your right foot to be moved easily from the brake pedal to the accelerator.

When two seconds have elapsed, without starting, the system is automatically deactivated, gradually releasing the braking pressure. During this release stage it is possible to hear a typical mechanical brake release noise, indicating the imminent movement of the vehicle.



51) 52)

DST SYSTEM (Dynamic Steering Torque)

The DST 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 (braking on surfaces 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.

The coordinated action of the brakes and steering increases the sensation of safety and control of the vehicle.



53)

ERM (Electronic Rollover Mitigation) SYSTEM

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.



54)

TSC (Trailer Sway Control) SYSTEM

The system employs a series of sensors located on the vehicle to identify excessive swerving of the trailer and take the necessary precautions to eliminate it.

To counteract the effect of trailer sway, the system can reduce the engine power and intervene on the wheels involved. The TSC system activates automatically once excessive sway of the trailer is detected.

System intervention

When the system is active, the  warning light flashes on the instrument panel, the engine power is reduced and braking can be felt on the individual wheels, following the attempt to eliminate the swerving of the trailer.



55) 56)



WARNING

31) *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.*

32) 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.

33) If the ABS system 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.

34) The ABS cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.

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

36) 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.

37) For the correct operation of the ABS, it is essential that the tyres are of the same make and type on all wheels, in perfect condition and, above all, of the specified type and dimensions.

38) The ESC system can't alter the natural laws of physics, and can't increase grip which depends on the condition of the road.

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

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

41) For the correct operation of the ESC system, 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.

42) ESC performance features must not induce the driver to take unnecessary or unwarranted 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.

43) For the correct operation of the TC system, 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.

44) TC performance features must not induce the driver to take unnecessary or unwarranted 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.

45) The TC system cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.

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

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

48) The PBA system can't overrule the natural laws of physics, and can't increase the grip available according to the condition of the road.

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

50) The capability of the PBA 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 vehicle or any other road user.

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

52) There may be situations on small gradients (less than 8%), with vehicle laden, in which the Hill Hold Control 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.

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

54) 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.



55) When towing trailers, the utmost caution at the wheel is recommended. Never exceed the maximum permitted loads (see the description in the "Weights" paragraph in the "Technical Specifications" chapter).

56) The TSC system cannot prevent swerving for all trailers. If the system activates during driving, reduce the speed, stop the vehicle in a safe place and arrange the load correctly to prevent the trailer from swerving.

DRIVING ASSISTANCE SYSTEMS

The vehicle can feature the following driving assistance systems:

- ☐ BSA (Blind Spot Assist);
- ☐ FBC (Full Brake Control);
- ☐ iTPMS (indirect Tyre Pressure Monitoring System).

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

BSA (Blind Spot Assist) SYSTEM

The vehicle can be equipped with the BSA (Blind Spot Assist) system for blind spot monitoring. The BSA system uses two radar sensors, located in the rear bumper (one for each side - see fig. 55), to detect the presence of vehicles (vehicles, trucks, motorbikes, etc.) in the rear side blind spots of the vehicle.

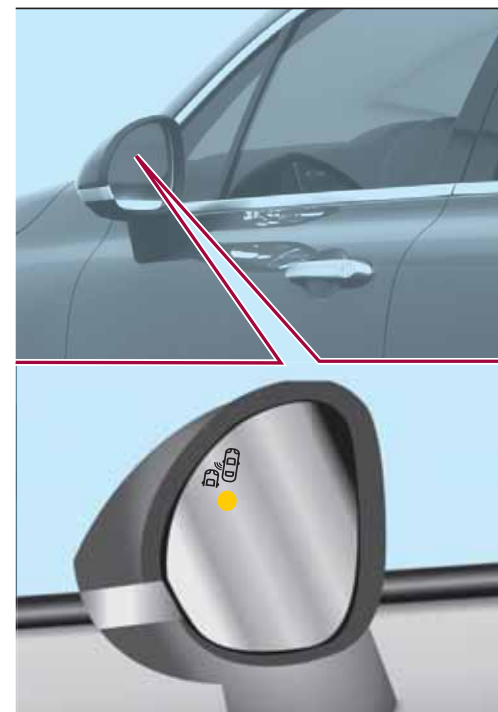
The system warns the driver about the presence of vehicles in the detection area by lighting up, on the relevant side, the warning light located on the door mirror fig. 56, along with an acoustic warning.

When the vehicle is started the warning light turns on to signal the driver that the system is active.



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Sensors

The sensors are activated when any forward gear is engaged at a speed higher than about 10 km/h, or when reverse is engaged.

The sensors are temporarily deactivated with vehicle at a standstill and the gear lever in position P (Park - versions with automatic transmission), or with vehicle at a standstill and electric parking brake engaged (versions with manual gearbox).

The detection area of the system covers about a lane on both sides of the vehicle (around 3 metres).

This area begins from the door mirror and extends for about 6 metres towards the rear part of the vehicle. When the sensors are active the system monitors the detection areas on both sides of the vehicle and warns the driver about the possible presence of vehicles in these areas.

While driving the system monitors the detection area from three different input points (side, rear and front) to check whether a signal needs to be sent to the driver. The system can detect the presence of a vehicle in one of these three areas.

IMPORTANT The system does not signal the presence of fixed objects (e.g. safety barriers, poles, walls, etc.). However, in some circumstances, the system may activate in the presence of these objects. This is normal and does not indicate a system malfunction.

IMPORTANT The system does not warn the driver about the presence of vehicles coming from the opposite direction, in the adjacent lanes.



57)

Important

If a trailer is hitched to the vehicle, the system must be manually deactivated using the relevant menu, in order to avoid false warnings.

For the system to operate correctly, the rear bumper area where the radar sensors are located must stay free from snow, ice and dirt gathered from the road surface.

Do not cover the rear bumper area where the radar sensors are located with any object (e.g. adhesives, bike rack, etc.).

Rear view

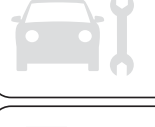
The system detects vehicles coming from the rear part of your vehicle on both sides and entering the rear detection area with a difference in speed of less than 50 km/h with respect to your vehicle.

Overtaking vehicles

If another vehicle is overtaken slowly (with a difference in speed of less than about 25 km/h) and this stays in the blind spot for about 1.5 seconds, the warning light on the door mirror of the corresponding side lights up. If the difference in speed between the two vehicles is greater than about 25 km/h, the warning light does not light up.

RCP (Rear Cross Path detection) system

This system helps the driver during reverse manoeuvres in the case of reduced visibility. The RCP system monitors the rear detection areas on both sides of the vehicle, to detect objects moving towards the sides of the vehicle at a minimum speed between about 1 km/h and 3 km/h and objects moving at a maximum speed of 35 km/h, as generally happens in parking areas.



The system activation is signalled to the driver by means of a visual and acoustic warning.

IMPORTANT If the sensors are covered by objects or vehicles, the system will not warn the driver.

Operating mode

The system can be activated/deactivated by operating on the display Menu, or via the **Uconnect™** system (for further information see the dedicated Supplement).

"Blind Spot Assist", "Visual" mode

When this mode is active, the BSA system sends a visual warning to the relevant door mirror, depending on the detected object.

However, when operating in RCP mode, the system sends visual and acoustic warnings when the presence of an object is detected.

When an acoustic warning is sent, the **Uconnect™** volume is lowered.

"Blind Spot Assist", "Visual and acoustic" mode

When this mode has been activated, the BSA system sends a visual warning to the relevant door mirror, depending on the detected object.

If the direction indicator on the side where an obstacle has been detected is activated, an acoustic warning is emitted as well.

When a direction indicator is active and an object is simultaneously detected on the same side, both the acoustic and visual warnings are emitted. The **Uconnect™** volume is also lowered.

During "RCP" operating mode, the system sends acoustic and visual warnings if the presence of an object is detected. When an acoustic warning is sent, the **Uconnect™** volume is also lowered.

"Blind Spot Assist" function deactivation

When the system is deactivated ("Blind spot alert" mode at "OFF"), the BSA or RCP systems will not emit neither acoustic nor visual warnings.

The BSA system will store the operating mode running when the engine was switched off. Each time the engine is started, the operating mode stored previously will be recalled and used.

IMPORTANT The system is an aid for vehicle driving, it **DOES NOT** warn the driver about incoming vehicles outside of the detection areas. The driver must always maintain a sufficient level of attention to the traffic and road conditions and for controlling the trajectory of the vehicle.

FULL BRAKE CONTROL SYSTEM

 58) 59) 60) 61)

 22) 23) 24) 25) 26) 27) 28) 29) 30)

The vehicle can be equipped with the "Full Brake Control" system. This is a driving assistance system which comprises a radar located behind the front bumper fig. 57 and a camera located in the central part of the windscreen fig. 58.



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



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The system provides the driver with acoustic and visual signals through specific messages on the instrument panel display.

The system may lightly brake to warn the driver if a possible frontal accident is detected (limited braking). Signals and limited braking are intended to allow the driver to react promptly, in order to prevent or reduce the effects of a potential accident.

In situations with the risk of collision, if the system detects no intervention by the driver, it provides automatic braking to help slow the vehicle and mitigate the potential frontal collision (automatic braking). If intervention by the driver on the brake pedal is detected but not deemed sufficient, the system may intervene in order to improve the reaction of the braking system, therefore reducing vehicle speed further (additional assistance in braking stage).

Versions equipped with Start&Stop system: at the end of the automatic braking, the Start&Stop system will activate as described in paragraph "Start&Stop system" of the "Starting and driving" chapter.

Versions with manual gearbox: at the end of the automatic braking the engine may stall and turn off, unless the driver presses the clutch pedal.

Versions with automatic transmission: at the end of the braking, the latest stored gear is engaged: the vehicle may therefore restart after a few seconds from the automatic stop.

IMPORTANT Both on versions equipped with manual gearbox and on those with automatic transmission, 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.

Activation/deactivation

The Full Brake Control system can be deactivated (and then reactivated) via the **Uconnect™** system (see the description in the dedicated supplement).

The system can be deactivated even with the ignition device at MAR.

IMPORTANT The system status can be changed with vehicle at a standstill only.

The Full Brake Control system can be set to three activation levels through the **Uconnect™** system:

☐ **System active:** the system (if active), in addition to the visual and acoustic warnings, provides limited braking, automatic braking and additional assistance in braking stage, where the driver does not brake sufficiently in the event of a potential frontal impact;



❑ *System partially active*: the system (if active) does not provide limited braking, but guarantees automatic braking or additional assistance in braking stage, where the driver does not brake at all or not sufficiently in the event of a potential frontal impact. The visual and acoustic warnings are deactivated, and will not be provided;

❑ *System deactivated*: the system does not provide visual and acoustic warnings, limited braking, automatic braking or additional assistance in braking stage. The system will therefore provide no indication of a possible accident.

Activation/deactivation

If the Full Brake Control system has been correctly activated with the **Uconnect™** system, this will be active each time the engine is started. Following a deactivation, the system will not warn the driver about the possible collision with the preceding vehicle, regardless of the setting selected with the **Uconnect™** system.

The system deactivation status will not be stored when the engine is switched off: if the system is deactivated when the engine is switched off, it will be active when it is next started.

This function is not active at a speed lower than 7 km/h or higher than 200 km/h.

The system is only active if:

- ❑ it is correctly activated via the **Uconnect™** system;
- ❑ the ignition device is at MAR;
- ❑ the vehicle speed is between 7 and 200 km/h;
- ❑ the front seat belts are fastened.

Changing the system sensitivity

The sensitivity of the system can be changed through the **Uconnect™** system menu, choosing from one of the following three options: "Near", "Med" or "Far". See the description in the **Uconnect™** supplement for how to change the settings.

The pre-set option is "Med". With this setting, the system warns the driver of a possible collision with the vehicle in front when that vehicle is at a standard distance, between that of the other two settings.

With the system sensitivity set to "Far", the system will warn the driver of a possible collision with the vehicle in front when that vehicle is at a greater distance, thus providing the possibility of acting on the brakes more lightly and gradually. This setting provides the drivers with the maximum possible reaction time to prevent a potential accident.

With the option set to "Near", the system will warn the driver of a possible collision with the vehicle in front when that vehicle is close. This setting offers the driver a lower reaction time compared to the "Med" and "Far" settings, in the event of a potential collision, but permits more dynamic driving of the vehicle.

The system sensitivity setting is kept in the memory when the engine is switched off.

System limited operation signal

If the dedicated message is displayed, a condition limiting the system operation may have occurred. The possible reasons of this limitation are something blocking the camera view or a fault.

If an obstruction is signalled, clean the area of the windscreen indicated in fig. 58 and check that the message has disappeared.

Although the vehicle can still be driven in normal conditions, the system may be not completely available. When the conditions limiting the system functions end, this will go back to normal and complete operation. Should the fault persist, contact a Fiat Dealership.

System failure signalling

If the system switches off and a dedicated message is shown on the display, it means that there is a fault on the system.

In this case, it is still possible to drive the vehicle, but you are advised to contact a Fiat Dealership as soon as possible.

Radar indication not available

If conditions are such that the radar cannot detect obstacles correctly, the system is deactivated and a dedicated message appears on the display. This generally occurs in the event of poor visibility, such as when it is snowing or raining heavily. When the conditions limiting the system functions end, this will go back to normal and complete operation.

Frontal collision alarm with active braking

(where provided)

If this function is selected, the brakes are operated to reduce the speed of the vehicle in the event of potential frontal impact

This function applies an additional braking pressure if the braking pressure applied by the driver does not suffice to prevent potential frontal impact. The function is active with speed above 7 km/h.

Driving in special conditions

In certain driving conditions, such as, for example:

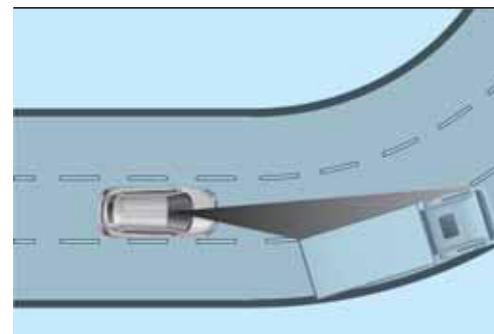
- ☐ driving close to a bend;
- ☐ vehicles with small dimensions and/or not aligned in the driving lane;
- ☐ lane change by other vehicles;
- ☐ vehicles travelling at right angles to the vehicle.

system intervention might be unexpected or delayed. The driver must therefore be very careful, keeping control of the vehicle to drive in complete safety.

IMPORTANT In particularly complex traffic conditions, the driver can deactivate the system through the **Uconnect™** system.

Driving close to a bend

When tackling a wide bend, the system may detect the presence of a vehicle in front you, but not running on the same driving lane fig. 59. In cases such as these, the system may intervene.



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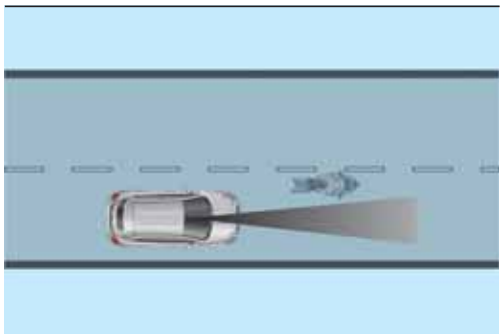
Vehicles with small dimensions and/or not aligned in the driving lane

The system cannot detect vehicles in front of you but outside the range of the radar sensor and may therefore not react in the presence of small vehicles, such as bicycles or motorcycles fig. 60.

Lane change by other vehicles

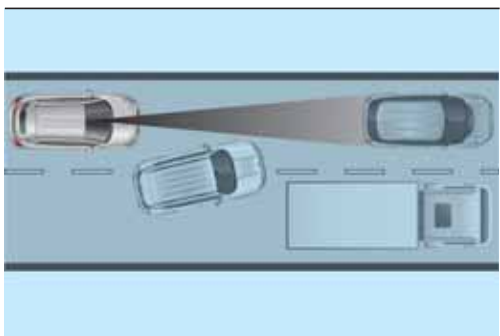
Vehicles suddenly changing lane, entering the driving lane of the vehicle fig. 61 and inside the radar sensor operating range, may cause system activation.





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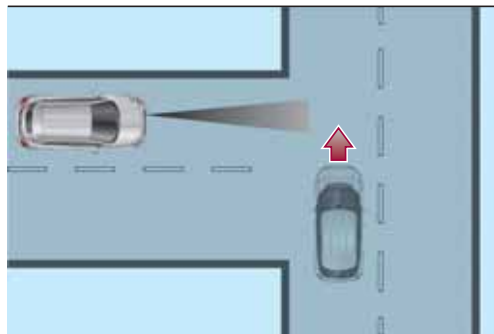


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Vehicles travelling at right angles to the vehicle

The system may temporarily react to a vehicle that is passing through the radar sensor's operating range at right angles fig. 62.



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Important

❑ The system has not been designed to prevent impacts and cannot detect possible conditions leading to an accident in advance. Failure to take into account this warning may lead to serious or fatal injuries.

❑ The system may activate, assessing the trajectory of the vehicle, due to the presence of reflective metal objects different from other vehicles, such as safety barriers, road signs, barriers before parking lots, tollgates, level crossings, gates, railways, objects near road constructions sites or higher than the vehicle (e.g. a flyover). In the same way, the system may intervene inside multi-storey car parks or tunnels, or due to a glare on the road surface. These possible activations follow the normal operating logic of the system and must not be regarded as faults.

❑ The system has been designed for road use only. If the vehicle is driven off-road, the system must be deactivated, to avoid unnecessary warnings. Automatic deactivation is signalled by the dedicated warning light/icon switching on in the instrument panel (see the instructions in the "Warning lights and messages" paragraph, "Knowing the instrument panel" chapter).

iTPMS (indirect Tyre Pressure Monitoring System)

⚠ 62) 63) 64) 65) 66) 67)

⚠ 31)

Description

The vehicle can be equipped with the iTPMS (indirect Tyre Pressure Monitoring System) which monitors the tyre inflation status thanks to wheel speed sensors.

Correct tyre pressure

If the pressure of all the tyres corresponds to the correct value, the display shows the vehicle with "OK" beside each wheel.

Low tyre pressure

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 the system does not recognise the pressure value of one or more tyres, the display will show dashes "- -"

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 driving 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:

- ☐ whenever the 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 "Wheels" paragraph in the "Technical specifications" chapter).

If the RESET 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 Main Menu as follows:

- ☐ go to "Vehicle info" and then to "Reset tyre pressure"
- ☐ press the "OK" and hold down (more than 2 seconds)
- ☐ the display will show the procedure progress (with a graphic bar) till the RESET is completed.

At the end of the RESET procedure the display will show the "Reset saved" message, indicating that the self-learning has been started.

Working conditions

The system is active for speeds above 15 km/h.

In a few situations such as sporty driving, particular conditions of the road surface (e.g. icy, snowy, unsurfaced roads...) the signalling may be delayed or partial in detecting the contemporary deflation of more than one tyre.

Under special conditions (e.g. vehicle loaded asymmetrically on one side, damaged or worn tyre, fitting the space-saver wheel, 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 warning 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

57) The system is an aid for vehicle driving, it DOES NOT warn the driver about incoming vehicles outside of the detection areas. The driver must always maintain a sufficient level of attention to the traffic and road conditions and for controlling the trajectory of the vehicle.



58) 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.

59) 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).

60) The system intervenes on vehicles travelling in the same lane. People, animals and things (e.g. pushchairs) are not taken into consideration.

61) If the vehicle must be placed on a roller bench for maintenance interventions or if it is washed in an automatic roller washing tunnel with an obstacle in the front part (e.g. another vehicle, a wall or another obstacle), the system may detect its presence and activate. In this case the system must be deactivated through the settings of the **Uconnect™** system.

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

63) 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.

64) 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 if it is higher than the prescribed value, rather repeat the check when tyres are cold.

65) The iTPMS cannot indicate sudden tyre pressure drops (e.g. if a tyre bursts). In this case, stop the vehicle, braking with caution and avoiding abrupt steering.

66) The system only warns that the tyre pressure is low: it is not able to inflate them.

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



WARNING

22) The system may have limited or absent operation due to weather conditions such as: heavy rain, hail, thick fog, heavy snow.

23) The section of the bumper before the sensor must not be covered with adhesives, auxiliary headlights or any other object.

24) System intervention might be unexpected or delayed when other vehicles transport loads projecting from the side, above or from the rear, with respect to the normal size of the vehicle.

25) Operation can be adversely affected by any structural change made to the vehicle, such as a modification to the front geometry, tyre change, or a heavier load than the standard load of the vehicle.

26) Incorrect repairs made on the front part of the vehicle (e.g. bumper, chassis) may alter the position of the radar sensor, and adversely affect its operation. Go to a Fiat Dealership for any operation of this type.

27) Do not tamper with nor carry out any intervention on the radar sensor or on the camera on the windscreen. In the event of a sensor failure, contact a Fiat Dealership.

28) When towing a trailer (with modules installed after purchasing the vehicle), a vehicle or during loading manoeuvres on a vehicle transporter (or in vehicle for transport), the system must be deactivated via the **Uconnect™** system.

29) Do not wash with high-pressure jets in the bumper lower area: in particular do not operate on the system's electrical connector.

30) Be careful in the case of repairs and new paintings in the area around the sensor (panel covering the sensor on the left side of the bumper). In the event of a frontal impact the sensor may automatically deactivate and display a warning to indicate that the sensor needs to be repaired. Even without a malfunction warning, deactivate the system operation if you think that the position of the radar sensor has changed (e.g. due to low-speed frontal impact as during parking manoeuvres). In these cases, go to a Fiat Dealership to have the radar sensor realigned or replaced.

31) The Fix&Go automatic quick tyre repair kit, provided with the vehicle, is compatible with the iTPMS sensors. Using sealants different from that in the original kit may compromise its operation. If sealants not equivalent with the original ones are used, it is recommended to have the iTPMS sensor operation checked by a qualified repair centre.

OCCUPANT PROTECTION SYSTEMS

The most important safety equipment of the vehicle comprises 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

All vehicle seats are equipped with seat belts with three anchor points and a retractor.

The retractor mechanism operates locking the belt in the event of sharp braking or strong deceleration due to an impact. This allows the belt strap to slide freely and to adapt to the body of the occupant. In the event of an accident, the belt will lock reducing the risk of impact inside the passenger compartment and of being projected outside the vehicle.

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.

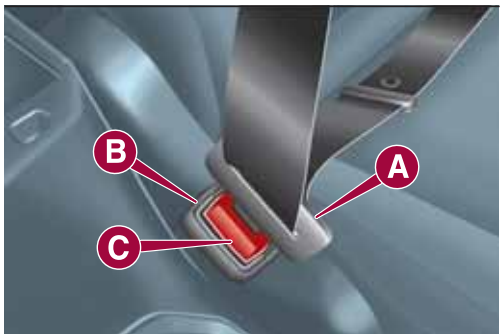
USING THE SEAT BELTS

The seat belt should be worn keeping the torso straight and rested against the backrest.

To fasten the seat belts, hold tongue A fig. 63 and insert it into buckle B, until it clicks into place.

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





63

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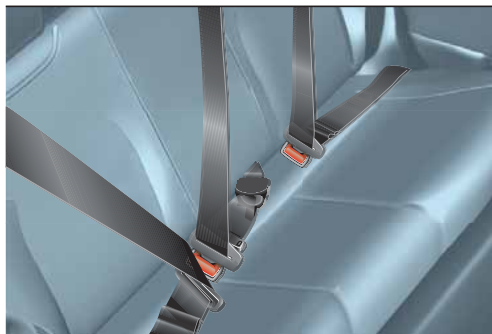
To unfasten the seat belts, press button C fig. 63 and guide the seat belt with your hand while it is rewinding, to prevent it from twisting.

! 68) 69)

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.

Once seated, wear the rear seat belts as shown in fig. 64.

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.



64

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ADJUSTING THE SEAT BELT HEIGHT

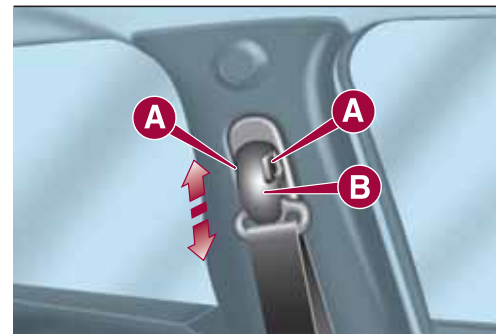
! 70) 71)

Five different adjustments in height are possible.

To carry out window height adjustment, from the top to the bottom, buttons A fig. 65 (located on both sides of handle B) must be pressed simultaneously (towards each other), and the handle must be slid downwards.

To carry out window height adjustment, from the top to the bottom, handle B must be slid (without pressing anything).

Always adjust the height of the seat belts to fit the person wearing it: this precaution could greatly reduce the risk of injury in the event of collision. Correct adjustment is obtained when the belt passes approximately half way between the shoulder and the neck.



65

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WARNING

68) Do not press button C fig. 63 while travelling.

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

70) The height of the seat belts must be adjusted with the vehicle stationary.

71) After the adjustment, always check that the handle is locked in one of the preset positions. To do this, with buttons A fig. 65 released, exert further pressure downwards to allow the locking device to click if the grip has not been released in one of the possible positions.

SBR (Seat Belt Reminder) SYSTEM

The SBR system warns the passengers of the front and rear (where provided) seats if their seat belt is not fastened. The system signals unfastened seat belts with visual warnings (warning light on in the instrument panel and symbols on the display) and an acoustic signal (see the following paragraphs).

NOTE To deactivate the acoustic warning permanently go to a Fiat Dealership. The acoustic warning can be reactivated at any time through the display Menu (see the "Display" paragraph in the "Knowing the instrument panel" chapter).

FRONT SEAT BELT WARNING LIGHT BEHAVIOUR

When the ignition device is turned to MAR, warning light  (see fig. 66) lights up for a few seconds, regardless of the status of the front seat belts. With vehicle at a standstill, if the driver side seat belt or the passenger side seat belt (with occupant present) is unfastened, the warning light stays on constantly.



66

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As soon as the threshold of 8 km/h is exceeded for a few seconds with driver or passenger side (with passenger present) seat belts unfastened, an acoustic warning is activated together with the flashing of the  warning light for approximately 105 seconds. When this cycle of warnings is activated it will stay on for its entire length (regardless of the vehicle speed) or until the seat belts are fastened again. When the reverse is engaged, during the cycle of warnings, the acoustic signal is deactivated and the  warning light turns on constantly. The cycle of warnings will be reactivated as soon as speed exceeds 8 km/h again.

REAR SEAT BELT ICON BEHAVIOUR

The icons are shown on the display (fig. 67 versions with colour display or fig. 68 versions with single-colour display) after a few seconds have elapsed since the ignition device is turned to MAR. The icons turn off about 30 seconds after they have been turned on or after the seat belts have been fastened. The icons shown on the display indicate (according to the various cases):

☐ **A**: seat belt fastened, rear left seat;

☐ **B**: seat belt fastened, rear central seat;

☐ **C**: seat belt unfastened, rear right seat;

The icons are displayed according to the corresponding seat belts in the rear seats, and stay on for about 30 seconds from the last seat belt status change:

☐ *if the seat belt is fastened* the corresponding icon will be as shown in points A and B (green for the colour display);

☐ *if the seat belt is unfastened* the corresponding icon will be as shown in point C (red for the colour display).





67

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If a rear seat belt is unfastened, an acoustic warning (3 "beeps") will be activated along with the relevant icon lighting up in the display. Furthermore the icons will light up again for 30 seconds each time one of the doors is closed. The icon will turn green after the corresponding seat belt has been fastened.



68

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

IMPORTANT

As far as the rear seats are concerned, the SBR system will only indicate whether the seat belts are unfastened (red icon) or fastened (green icon), not the presence of any passengers.

For the rear seats, the icons will activate a few seconds after the ignition device has been turned to MAR, regardless of the status of the seat belts (even if the seat belts are all fastened). All the warning lights/icons will come on when at least one belt changes from fastened to unfastened status or vice versa.

PRETENSIONERS

The vehicle is equipped with front seat belt pretensioners, which draw back the seat belts by several centimetres in the event of a strong frontal impact. This guarantees the perfect adherence of the seat belts to the occupant's bodies before the retention action begins.

It is evident that the pretensioners have been activated when the safety belt withdraws toward the retractor.

This vehicle is also equipped with a second pretensioner (in the kick plate area). Its activation is signalled by the shortening of the metal cable and rolling up of the protective sheath.

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



72)



32)

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



73) 74) 75)

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. 69. While pregnancy progresses, the driver must adjust both seat and steering wheel to have full control over the vehicle (pedals and steering wheel must be easy to access). The maximum clearance should be kept between the abdomen and the steering wheel.

The seat belt must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally. The lower part must adhere to the pelvis fig. 70, not to the abdomen of the occupant. Never use devices (clips, clamps, etc.) that hold the seat belt away from your body.



69

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70

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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. 71. In general, do not place any objects between the person and the belt.



71

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SEAT BELTS MAINTENANCE

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

- ☐ 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

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

73) 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.

74) 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.

75) If the belt has been subjected to heavy strain, for example after an accident, it must be changed completely together with the anchors, anchor fastening screws and the pretensioner. Even if the belt has no visible defects, it could have lost its resilience.

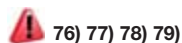


WARNING

32) 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



76) 77) 78) 79)

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 up to 12 years must be protected with suitable restraint systems and be seated on the rear seats.

Statistics on accidents indicate that the rear seats offer greater safety for children.

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. There are various types of child restraint systems, which can be secured to the vehicle by means of the seat belts or with the ISOFIX/i-Size anchorages.

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	Weight range
Group 2	15 - 25 kg
Group 3	22 - 36 kg

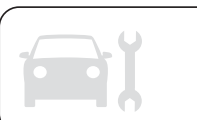
The ECE-R44 standard was recently paired with the ECE R-129 regulation, which defines the characteristics of the new i-Size child restraint systems (see the "Suitability of passenger seats for i-Size child restraint system use" paragraph for more information).

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.

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 rearward facing child restraint system of a type as shown in fig. 72 which, supporting the head, does not induce stress on the neck in the event of sudden decelerations.



72

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The child restraint system is secured by the vehicle seat belts, as shown in fig. 72 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 forward facing child restraint systems fig. 73.

9-18 kg



73

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Group 2

Children from 15 to 25 kg may use the vehicle seat belts directly fig. 74.

15-25 kg



74

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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. 75 shows the correct child positioning on the rear seat.

22-36 kg



75

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

 80) 81) 82) 83)

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 the fixing of universal child restraint systems is shown in the following table:

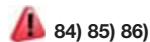
Positioning the “Universal” child restraint system				
Group	Weight range	Front passenger	Rear central passenger	Rear side passengers
Group 0, 0+	up to 13 kg	U	X	U
Group 1	9 - 18 kg	U	X	U
Group 2	15 - 25 kg	U	X	U
Group 3	22 - 36 kg	U	X	U

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



84) 85) 86)

The rear side seats of the vehicle are equipped with ISOFIX attachments, for fitting child restraint systems quickly, simply and safely.

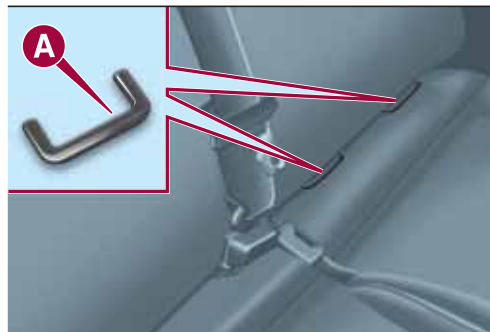
The ISOFIX system allows the ISOFIX child restraint systems to be fitted, without using the vehicle's seat belt, but directly securing the child restraint system to three anchorages present on the vehicle.

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, attach it to the two metal anchorages A fig. 76 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. 77 located at the bottom behind the backrest.

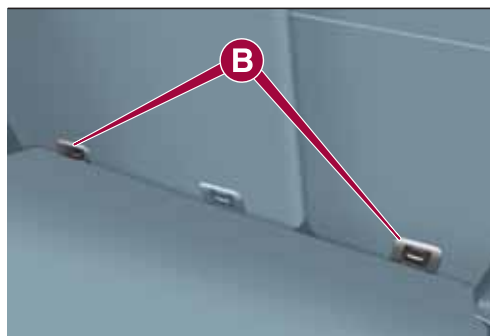
fig. 78 shows an example of a Universal ISOFIX child restraint system for weight group 1.

IMPORTANT The fig. 78 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.



76

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77

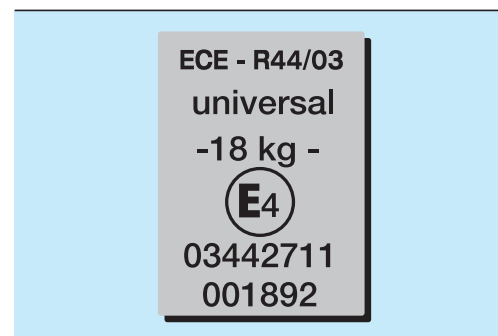
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NOTE When a Universal ISOFIX child restraint system is used, only ECE R44 "ISOFIX Universal" (R44/03 or further upgrades) type-approved child restraint systems can be used (see fig. 79). The other weight groups are covered by specific ISOFIX child restraint systems, which can be used only if specifically tested for this vehicle (see list of vehicles provided with the child restraint system).



78

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79

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SUITABILITY OF PASSENGER SEATS FOR ISOFIX CHILD RESTRAINT SYSTEM USE

ISOFIX POSITIONS ON THE VEHICLE					
Weight categories	Size category	Device	Front passenger	Rear side passengers	Rear central passenger
Group 0 (up to 10 kg)	E	ISO/R1	X	IL	X
	E	ISO/R1	X	IL	X
Group 0+ (up to 13 kg)	D	ISO/R2	X	IL	X
	C	ISO/R3	X	IL (*)	X
	D	ISO/R2	X	IL	X
	C	ISO/R3	X	IL (*)	X
Group 1 (from 9 up to 18 kg)	B	ISO/F2	X	IUF - IL	X
	B1	ISO/F2X	X	IUF - IL	X
	A	ISO/F3	X	IUF - IL	X
	A	ISO/F3	X	IUF - IL	X

X ISOFIX position not suitable for ISOFIX child protection systems for this weight and/or size category.

IL Suitable for ISOFIX child restraint systems of the "Specific for the vehicle", "Restricted", or "Semiuniversal" categories, approved for this type of vehicle.

IL (*) 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.



SUITABILITY OF PASSENGER SEATS FOR i-Size CHILD RESTRAINT SYSTEM USE

The rear side seats of the vehicle are type-approved to house the state-of-the-art i-Size child restraint systems. These child restraint systems, built and type-approved according to the i-Size (ECE R129) standard, ensure better safety conditions to carry children on board a vehicle:

- ☐ the child must be transported rearward facing until 15 months;
- ☐ child restraint system protection is increased in the event of a side collision;
- ☐ the use of the ISOFIX system is promoted to avoid faulty installation of the child restraint system;
- ☐ efficiency in the choice of the child restraint system, which isn't made according to weight anymore but according to the child's height, is increased;
- ☐ compatibility between the vehicle seats and the child restraint systems is better: the i-Size child restraint systems can be considered as "Super ISOFIX"; this means that they can be perfectly fitted in type-approved i-Size seats, but can also be fitted in ISOFIX (ECE R44) type-approved seats.

NOTE The vehicle seats, i-Size type-approved, are marked by the symbol shown in fig. 80.



80

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The following table, according to European standard ECE 129, indicates the possibility of i-Size child restraint system installation.

	i-Size POSITIONS ON THE VEHICLE			
	Device	Front passenger	Rear side passengers	Rear central passenger
i-Size child restraint systems	ISO/R2	X	i-U	X
	ISO/F2	X	i-U	X

i-U: suitable for Universal i-Size child restraint systems, both rearward facing and forward facing.

X: seat not suitable for Universal i-Size child restraint systems.



CHILD RESTRAINT SYSTEMS RECOMMENDED BY FCA FOR YOUR FIAT 500X

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.

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

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 0+: from birth to 13 kg	 + 	Peg Perego Primo Viaggio SL Type-approval number: E24 040089 ISOFIX K base	Universal/ISOFIX child restraint system. It must be installed rearward facing, using the vehicle seat belts only, or the dedicated ISOFIX K base (which can be purchased separately) and the vehicle ISOFIX anchorages. It must be fitted on the rear outer seats.

**Fair G0/1S**

Type-approval number: E4
04443718

+

+

Group 1: from 9 up
to 18 kg

**A****B**

+

+

**FAIR head restraint**

Universal/ISOFIX child restraint system. It can be fitted forward facing/rearward facing using only the vehicle seat belts or the Isofix anchorages.

FCA recommends fitting it using the rearward facing ISOFIX platform (RWF specific for Fiat 500X - to be purchased separately) or the forward facing ISOFIX platform (FWF specific for Fiat 500X - to be purchased separately), the rigid head restraint (to be purchased separately) and the ISOFIX anchorages for the vehicle. It must be fitted on the rear outer seats.



Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 2: from 15 kg to 36 kg		Fair Junior Fix Type-approval number: E4 04443721	It can only be fitted facing forwards, using the three-point seat belt and the ISOFIX anchorages of the vehicle, if present.

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.
- ❑ If the passenger's front airbag is deactivated always check the dedicated warning light on the trim located on the dashboard to make sure that it has actually been deactivated.
- ❑ Carefully follow the instructions supplied with the child restraint system. 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

76) 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.

77) 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).

78) Should it be necessary to carry a child on the passenger side front seat in a rear 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  **OFF** 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.

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

80) 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.

81) 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.

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



83) Always make sure that the diagonal 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.

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

85) 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.

86) 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 and passenger front side bags for pelvis, chest and shoulder protection (Side bags);
- ☐ front and rear side passenger side bags for head protection (window bag)
- ☐ driver's knee bag (where provided).

The location of the airbags on the vehicle is marked by the word "AIRBAG" in the middle of the steering wheel, on the dashboard, on the side trim or on a label placed next to the airbag deployment area.

FRONT AIRBAGS

The front driver/passenger airbags and the driver's knee bag (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 of airbags in other types of collisions (side impacts, rear shunts, roll-overs, etc.) does not indicate 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. Front airbags may not activate in the following situations:

- ☐ frontal impacts against highly deformable objects not involving the front surface of the vehicle (e.g. wing collision against guard rail, etc.);
- ☐ vehicle wedging under other vehicles or protective barriers (e.g. 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

F1B0125C

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 of the driver's.



82

F1B0126C

Passenger side front airbag and child restraint systems

Rearward facing child restraint systems must **NEVER** be fitted on the front seat with an active passenger airbag since in the event of an impact the airbag activation may cause fatal injuries to the transported child.

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



83

F1B0127C

Driver's side knee bag

(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

F1B0132C

Deactivating passenger front airbag and seat-mounted side bag for pelvis, chest and shoulders protection

If a child must be carried on the front seat in a rearward facing child restraint system, deactivate the passenger side front airbag and front side bag. To deactivate the airbags use the display Menu (see the instructions in the "Display" paragraph, "Knowing the instrument panel" chapter).

The  **OFF** and  **ON** LEDs are present at the centre of the instrument panel fig. 85.



Moving the ignition device to MAR switches on the two LEDs for about 8 seconds. If not, contact a Fiat Dealership. During the first seconds, the activation of the LEDs does not actually show the passenger protection status, but only checks its correct operation. After a test of a few seconds, the LEDs will indicate the status of the passenger airbag protection.



85

F1B0128C

Passenger protection activated: the LED  **ON** switches on.

Passenger protection deactivated: the LED  **OFF** switches on.

The LEDs may light up with various intensity levels depending on the vehicle conditions. The intensity may vary during the same key cycle.

Passenger front airbag and child restraint system: WARNING

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



SIDE BAGS

To help increase occupants protection in the event of side impact collisions, the vehicle is equipped with front side bags and window bags.

Side bags

These comprise two 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.

They are marked by the "AIRBAG" label sewn on the outer side of the front seats.



87

F1B0130C

Window bag

These consist of two “drop-down” cushions, housed behind the side trim of the roof and covered with finishing elements fig. 88.

They are designed to protect the head of front and rear occupants in the event of a side collision, thanks to the wide cushion inflation surface.



88

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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.



87) 88) 89) 90) 91) 92) 93) 94) 95) 96) 97) 98) 99) 100) 101) 102)

Important

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 vehicle (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 in different ways on the basis of the type of collision. Failure to deploy of one of the devices does not necessarily indicate a system malfunction.



WARNING

87) 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.

88) 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.

89) 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 rear 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.

90) To deactivate the airbags using the instrument panel menu, see the description in the "Knowing the instrument panel" chapter, "Menu Options" paragraph.

91) Do not hang rigid objects on the coat hooks and the support handles.

92) Do not rest your head, arms or elbows on the door, windows or in the window bag area to prevent injury during deployment.

93) Never lean your head, arms or elbows out of the window.

94) If, when the ignition device is turned to MAR, the  warning light does not switch on or stays on whilst driving, a fault may have occurred in the restraint systems. In this case the airbags or pretensioners may not be deployed 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.

95) On some versions, if the  OFF or  ON LED (located on the dashboard trim) is faulty, the  warning light comes on in the instrument panel.

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

97) 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.

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

99) If the ignition device is at MAR, even if the engine is switched off, airbags may be deployed when the vehicle is stationary and hit by another vehicle. 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 rear 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 ignition device is set 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.

100) Malfunction of the  warning light is indicated by the activation of an airbag failure icon and dedicated message on the instrument panel display. The pyrotechnic charges are not disabled. Before proceeding, contact a Fiat Dealership immediately to have the system checked

101) The front 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.



102) *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 "heart" 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



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.

If necessary, messages indicating the starting procedure can be shown on the display.

ENGINE STARTING PROCEDURE



103) 104) 105) 106)



33) 34) 35) 36)

Versions with manual gearbox

Proceed as follows:

- ☐ engage the electric parking brake and place the gear lever in neutral;
- ☐ bring the ignition device to MAR. On Diesel versions, warning light  lights up in the instrument panel: wait for the warning light to switch off;
- ☐ fully depress the clutch pedal without touching the accelerator;
- ☐ turn the ignition device to AVV and release it as soon as the engine starts;

☐ if the engine does not start within 10 seconds, bring the ignition device back to STOP and wait for 10-15 seconds before repeating the starting procedure.

☐ after the manoeuvre has been repeated, if the problem persists, contact a Fiat Dealership.

Versions with automatic transmission

Proceed as follows:

- ☐ engage the electric parking brake and set the gear lever to P (Park) or N (Neutral);
- ☐ fully depress the brake pedal without touching the accelerator;
- ☐ set the ignition device to AVV;
- ☐ if the engine does not start, bring the ignition device back to STOP and wait for 10-15 seconds before repeating the starting procedure;
- ☐ after the manoeuvre has been repeated, if the problem persists, contact a Fiat Dealership.

ENGINE STARTING FAILURE

Starting the engine with electronic key battery (Keyless Go) run down or flat

If the ignition device does not respond when the relevant button is pressed the electronic key battery might be run down or flat. Therefore, the system does not detect the presence of the electronic key on board the vehicle and displays a dedicated message. In this case, rest the rounded edge of the electronic key (the side opposite the metal insert) on the ignition device and press the button using the electronic key. The ignition device is thus activated and the engine can be started.



WARNING

103) Do not try to start the engine by pouring fuel or other flammable fluid inside the throttle body air intake: this might damage the engine and injury people nearby.

104) It is dangerous to run the engine in enclosed areas. The engine consumes oxygen and produces carbon dioxide, carbon monoxide and other toxic gases.

105) The brake servo is not operational until the engine has been started; therefore you need to apply much more force than usual to the brake pedal.

106) Do not start the engine by pushing, towing or driving downhill. These manoeuvres may damage the catalytic converter.



WARNING

33) In the first period of use, i.e. in the first 1,600 km, we recommend not to demand maximum performance from the vehicle (for instance excessive accelerations, extended travel at maximum speed, sudden braking, etc.).

34) With the engine off, do not leave the ignition device at MAR to prevent the battery from draining.

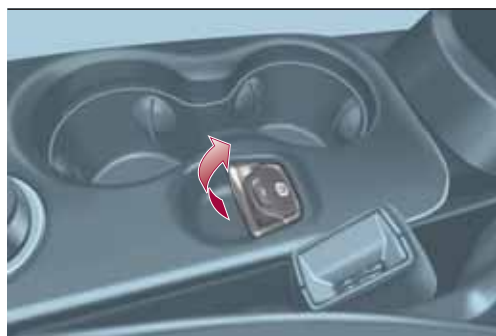
35) A quick burst on the accelerator before turning off the engine serves absolutely no practical purpose; it wastes fuel and is especially damaging to turbocharged engines.

36) Warning light  will flash after starting or during prolonged cranking to indicate a fault with the glow plug heating system. If the engine starts, the vehicle can be used as normal, but a Fiat Dealership must be contacted as soon as possible.

ELECTRIC PARKING BRAKE (EPB)

The vehicle is equipped with electric parking brake (EPB) to guarantee better use and optimal performance compared to a manually operated parking brake.

The electric parking brake features a switch, located on the central tunnel fig. 89, a motor with caliper for each rear wheel and an electronic control module.



89

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IMPORTANT Always engage the electric parking brake before leaving the vehicle.

IMPORTANT In addition to parking the vehicle with the parking brake always engaged, the wheel steered, chocks or stones positioned in front of the wheels (when on a steep slope), a gear must always be engaged (the 1st gear with the vehicle parked uphill or the reverse gear with the vehicle parked downhill). On versions with automatic transmission, place the gear lever at P (Park).

IMPORTANT Should the vehicle battery be faulty, to unlock the electric parking brake the battery must be replaced. The electric parking brake can be engaged in two ways:

- ☐ *manually* pull the fig. 89 switch located on the central tunnel, in the direction shown by the arrow;
- ☐ *automatically* in "Safe Hold" or "Auto Apply" conditions.

Engaging the parking brake manually



107) 108) 109)

Briefly pull the switch located on the central tunnel to manually engage the electric parking brake when the vehicle is stationary.

Noise may be heard from the rear of the vehicle when engaging the electric parking brake.



A slight movement of the brake pedal may be detected when engaging the electric parking brake with the brake pedal pressed.

With the electric parking brake engaged, the (ⓘ) warning light on the instrument panel and the LED on the switch fig. 89 turn on.

IMPORTANT With the EPB failure warning light on, some functions of the electric parking brake are deactivated. In this case the driver is responsible for brake activation and vehicle parking in complete safety conditions.

If, under exceptional circumstances, the use of the parking brake is required with the vehicle in motion, keep the switch on the central tunnel pulled as long as the brake action is necessary. The (ⓘ) warning light may switch on with the hydraulic system temporarily unavailable; in this case braking is controlled by the motors. The brake lights (stop) also come on automatically.

Release the switch on the central tunnel to stop the braking action with the vehicle in motion.

If, through this procedure, the vehicle is braked until a speed below 3 km/h is reached and the switch is kept pulled, the parking brake will definitively engage.

IMPORTANT Driving the vehicle with the electric parking brake engaged, or using it several times to slow down the vehicle, may cause severe damage to the braking system.

Disengaging the electric parking brake manually

To manually disengage the parking brake, the ignition device must be at MAR. It is also necessary to press the brake pedal, then briefly press the fig. 89 switch.

Noise may be heard from the rear of the vehicle and a slight movement of the brake pedal may be detected during disengagement.

After disengaging the electric parking brake, the warning light (ⓘ) on the instrument panel and the LED on the switch turn off.

If the (ⓘ) warning light on the instrument panel remains on with the electric parking brake disengaged, this indicates a fault: in this case contact a Fiat Dealership.

IMPORTANT On versions with automatic transmission never use the P (Park) position instead of the electric parking brake. Always engage the electric parking brake when parking the vehicle to prevent injury or damage caused by the unexpected movement of the vehicle.

IMPORTANT For vehicles equipped with manual gearbox, if the clutch pedal is released simultaneously with the press of the accelerator, the electric handbrake automatically releases.

ELECTRIC PARKING BRAKE OPERATING MODES

The electric parking brake may operate as follows:

- *"Dynamic operating mode"*: this mode is activated by pulling the fig. 89 switch repeatedly whilst driving;
- *"Static engagement and release mode"*: with the vehicle stationary, the electric parking brake can be activated by pulling the switch once. On the other hand, press the switch and the brake pedal at the same time to disengage the brake;

❑ "Drive Away Release": the electric parking brake will automatically disengage with the driver side seat belt fastened and the detection of an action performed by the driver to move the vehicle (forward gear or reverse gear);

❑ "Safe Hold": if the vehicle speed is lower than 3 km/h and, for the versions with automatic transmission, the gear lever is not in P (Park) position and the driver intention of leaving the vehicle is detected, the electric parking brake will automatically engage to hold the vehicle in safety conditions;

❑ "Auto Apply": if the vehicle speed is lower than 3 km/h, the electric parking brake will automatically engage with the gear lever moved to P (Park) position (versions with automatic transmission), or with the ignition device at STOP (versions with manual gearbox). The LED on the switch turns on together with the (⚠) warning light on the instrument panel when the parking brake is engaged and applied to the wheels. Each automatic parking brake engagement can be cancelled by pressing the switch on the central tunnel and at the same time moving the gear lever for the automatic transmission to position P (Park) or the ignition device to STOP (versions with manual gearbox).

SAFE HOLD

It is a safety function that automatically engages the electric parking brake in the event of a dangerous condition for the vehicle.

If:

- ❑ the vehicle speed is below 3 km/h;
 - ❑ the gear lever is not at P (Park) (versions with automatic transmission);
 - ❑ the driver's seat belt is not fastened;
 - ❑ the driver side door is open;
 - ❑ no attempted operation of the brake pedal or, on versions with manual gearbox, the clutch pedal or the accelerator pedal is detected;
- the electric parking brake engages automatically to prevent vehicle movement.

The Safe Hold function can be temporarily disabled by pressing the switch located on the central tunnel and the brake pedal at the same time, with the vehicle stationary and the driver side door open.

Once disabled, the function will activate again when the vehicle speed reaches 20 km/h or the ignition device is moved to STOP and then to MAR.



WARNING

107) In the case of parking manoeuvres on roads on a gradient, steer the wheels, engage the parking brake, the first gear if uphill and the reverse if downhill; on versions with automatic transmission, set the lever to "P". If the vehicle is parked on a steep slope, you need to block the wheels with a wedge or stone.

108) Never leave children unattended in the vehicle. Always remove the key when leaving the vehicle and take it with you.

109) The electric parking brake must always be engaged when leaving the vehicle.



MANUAL GEARBOX



110)



37)

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).

To engage 6th gear, operate the lever by pressing it towards the right in order to avoid engaging 4th gear by mistake. The same applies to the shift from 6th to 5th gear.



90

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1.4 Turbo MultiAir - 1.6 MultiJet - 2.0 MultiJet versions with manual gearbox: To engage reverse R from the neutral position, lift the ring A fig. 90 located under the knob, then move the lever to the left and then forwards.

1.6 E.torQ versions: To engage reverse R from neutral, lift ring A fig. 90 under the knob and at the same time move the lever to the right and then backwards.

IMPORTANT Reverse can only be engaged when the vehicle is completely stationary. For 1.6 E.torQ versions: with the engine running, wait for at least 2 seconds with the clutch pedal fully depressed 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. In some circumstances, the electronic clutch control could cut in by interpreting the incorrect driving style as a fault.



WARNING

37) 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.



WARNING

110) 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.

AUTOMATIC TRANSMISSION

  111) 112) 113)  38) 39)

GEAR LEVER

The fig. 91 lever has the following positions:

- ☐ **P** = Park
- ☐ **R** = Reverse
- ☐ **N** = Neutral
- ☐ **D** = Drive, (automatic forward speed)
- ☐ **AutoStick**: + shifting to higher gear in sequential driving mode; – shifting to lower gear in sequential driving mode.



91

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The gear engaged is shown on the display.

To select a gear, move the lever forwards or backwards.

To select the "sequential" mode, move the lever from D (Drive) to the left: the position + (upper gear) or – (lower gear) can be reached; these are unstable positions, which means that the lever always returns to the central position. The brake pedal and button A fig. 91 on the knob must be pressed to exit position P (Park).

To shift from position N (Neutral) to position D (Drive) or R (Reverse), it is advisable to press the brake pedal.

IMPORTANT DO NOT accelerate while shifting from position P (or N) to another position.

IMPORTANT After selecting a gear, wait a few seconds before accelerating. This precaution is particularly important with engine cold.

AUTOSTICK - Sequential mode

In the case of frequent gearshifting (e.g. when the vehicle is driven with a heavy load, on slopes, with strong headwind or when towing heavy trailers), it is recommended to use the Autostick (sequential shifting) mode to select and keep a lower fixed ratio.

In these conditions, using a lower gear improves vehicle performance and prolongs the transmission's life, limiting gearshifting and preventing overheating.

It is possible to shift from position D (Drive) to the sequential mode regardless of vehicle speed.

Activation

With gear lever in position D (Drive), to activate the sequential drive mode, move the lever to the left (– and + indication of the trim). The gear engaged will be shown on the display. Gearshifting is made by moving the gear lever forwards, towards symbol – or backwards, towards symbol +.

Deactivation

To deactivate the sequential driving mode, bring the gear lever back to position D (Drive), automatic mode.

"RECOVERY" OPERATION (where provided)

Transmission operation is constantly monitored to detect any fault. If a condition that might damage the transmission is detected, the "recovery" function is activated.

In this condition, the transmission stays in 4th gear, regardless of the selected gear.

Positions P (Parking), R (Reverse) and N (Neutral) still work. Icon  might light up in the display.

In the case of "recovery" operation immediately contact the nearest Fiat Dealership.

Temporary failure

In the event of a temporary failure, correct transmission operation can be restored for all the forwards gears by proceeding as follows:

- ☐ stop the vehicle;
- ☐ bring the transmission lever to P (Park).



- ❑ bring the ignition device to STOP;
- ❑ wait for about 10 seconds, then restart the engine;
- ❑ select the desired gear: correct transmission operation should be restored.

IMPORTANT In the event of a temporary failure it is in any case recommended to contact a Fiat Dealership as soon as possible.

IGNITION LOCK AND PARK POSITION

Versions equipped with the Keyless Go system:

this function requires the gear lever to be positioned at P (Park); then bring the ignition device to STOP.

Versions equipped with key without remote control: this function requires the gear lever to be positioned at P (Park) before extracting the key from the ignition device.

If the vehicle battery is flat and the ignition key is engaged, the latter is locked in position.

To remove the key manually see paragraph "Automatic transmission lever unlock" in chapter "In an emergency".

GEAR ENGAGEMENT DISABLING WITHOUT BRAKE PEDAL PRESSED

This system prevents you from moving the gear lever from position P (Park) if the brake pedal has not been previously depressed.

To bring the gear lever to a position other than P (Park), the ignition device must be in position MAR (engine on or off) and the brake pedal must be depressed. Button A fig. 91 on the gear lever knob must also be pressed.

STEERING WHEEL CONTROLS

(where provided)

On some versions, the gearbox can be managed sequentially using the steering wheel controls fig. 92.



92

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To use the controls on the steering wheel, the gear lever must be in the position D (Drive) or in central position between (+) and (–):

- ❑ operating the (+) lever: engage a higher gear;
- ❑ operating the (–) lever: engage a lower gear.

The engagement of a lower (or higher) gear is only permitted if the engine rpm allow it.



WARNING

111) Never use position P (Park) instead of the electric parking brake. When the vehicle is parked, always engage the electric parking brake to prevent accidental movements of the vehicle.

112) If position P (Park) is not engaged the vehicle might move and hurt people. Before leaving the vehicle make sure that the gear lever is in position P and the electric parking brake is engaged.

113) Do not position the gear lever at N (Neutral), nor switch off the engine to travel downhill. This type of driving is dangerous and reduces the possibility of intervening in the case of variation of the road traffic or surface. You risk losing control of your vehicle and causing accidents.



WARNING

38) Before moving the gear lever from position P (Park), bring the ignition device to position MAR and press the brake pedal. Otherwise the gear lever might be damaged.

39) Engage the reverse gear only with vehicle at a standstill, engine idling and accelerator completely released.

START&STOP SYSTEM



The Start&Stop system automatically stops the engine each time the vehicle is stationary and starts it again when the driver wants to move off.

In this way, the vehicle efficiency is increased, by reducing consumption, dangerous gas emissions and noise pollution.



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OPERATING MODE

Engine stopping mode

Versions with manual gearbox

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

Versions with automatic transmission

With vehicle at a standstill and brake pedal pressed, the engine switches off if the gear lever is in a position other than R.

In the event of stops uphill, engine switching off is disabled to make the "Hill Hold Control" function available (works only with running engine).

The  warning light on the instrument panel switches on to signal that the engine was stopped.

Engine restarting mode

Versions with manual gearbox

To restart the engine, press the clutch pedal.

If the vehicle does not start when the clutch is pressed, place the gear lever in neutral and repeat the procedure. If the problem persists, contact a Fiat Dealership.

Versions with automatic transmission

To restart the engine, release the brake pedal.

With brake pressed, if the gear lever is in automatic mode - D (Drive) - the engine can be restarted by moving the lever to R (Reverse) or N (Neutral) or "AutoStick".

With brake pressed, if the gear lever is in "AutoStick" mode, the engine can be restarted by moving the lever to "+" or "-", or R (Reverse) or N (Neutral).

When the engine has been stopped automatically, keeping the brake pedal pressed, the brake can be released keeping the engine off by quickly shifting the gear lever to P (Park). To restart the engine, just move the lever out of position P.

SYSTEM MANUAL ACTIVATION/DEACTIVATION

To activate/deactivate the system manually, press the fig. 93 button located on the dashboard in central position.

On 4x4 versions, each time the "Traction" mode is set through the MOOD selector, the system is disabled; the Start&Stop system can be reactivated by pressing the fig. 93 button. When exiting from the "Traction" mode, the Start&Stop system enters the previously set status.



93

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System activation

Activation of the system is indicated by the  warning light switching on and, on some versions, by a message on the display. In this condition, the LED on the fig. 93 button is off.



System deactivation

A message will appear on the display when the system is deactivated. In this condition, the LED on the fig. 93 button is on.

SAFETY FUNCTIONS

When the engine is stopped through the Start&Stop system, if the driver releases their seat belt or opens the driver's or passenger's door, the engine can be restarted only by using the ignition device.

This condition is indicated to the driver both through a buzzer and a message on the display.



WARNING

114) *If the battery needs to be replaced, always contact a Fiat Dealership. Replace the battery using a new one of the same type (HEAVY DUTY) and having the same specifications.*



WARNING

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

SPEED LIMITER



DESCRIPTION

This 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 programmed speed limit is reached (see "Speed limit programming" paragraph).

ACTIVATING THE DEVICE

To activate the device press button A fig. 94 on the steering wheel.



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AUTOMATIC DEACTIVATION OF THE DEVICE

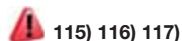
The device deactivates automatically in the event of fault in the system. In this case, contact a Fiat Dealership.

ELECTRONIC CRUISE CONTROL



This is an electronically controlled driving assistance device that allows the desired vehicle 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). It is therefore not recommended to use this device on extra-urban roads with traffic. Do not use it in town.

ACTIVATING THE DEVICE



115) 116) 117)

To activate the device press button A fig. 95.

Activation of the device is indicated by the  warning light on the instrument panel switching on and, on some versions, by a message on the display. If the Speed Limiter is activated, button Afig. 95 must be pressed twice to activate the Cruise Control.

The device cannot be engaged in 1st or reverse gear: it is advisable to engage it in 3rd gear or higher.



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IMPORTANT It is dangerous to leave the device on when it is not used. There is a risk of inadvertently activating it and losing control of the vehicle due to unexpected excessive speed.

SETTING THE DESIRED SPEED

Proceed as follows:

- ☐ to activate the device press button A fig. 95;
- ☐ when the vehicle has reached the desired speed, press button SET + (or SET -) and release it to activate the device. When the accelerator is released, the vehicle will keep the selected speed automatically. If needed (e.g. when overtaking), you can increase speed simply by pressing the accelerator; when you release the pedal, the vehicle goes back to the speed stored previously.

When travelling downhill with the device active, the vehicle speed may slightly exceed the set one.

IMPORTANT Before pressing the SET + or SET - buttons, the vehicle must be travelling at a constant speed on a flat surface.

SPEED INCREASE

Once the electronic Cruise Control has been activated, the speed can be increased by pressing button SET +.

SPEED DECREASE

With the device activated, the speed can be decreased by pressing button SET - .

RECALLING THE SPEED

For versions with automatic transmission operating in D mode (Drive - automatic), press and release the RES button to recall the previously set speed.

For versions with manual gearbox or automatic transmission in Autostick (sequential) mode, before recalling the previously set speed you should accelerate until getting close to it, then press and release the RES button.



DEACTIVATING THE DEVICE

Lightly pressing the brake pedal or pressing the CANC button deactivates the electronic Cruise Control without deleting the stored speed.

DEACTIVATING THE DEVICE

The electronic Cruise Control is deactivated by pressing button A fig. 95 or bringing the ignition device to STOP.



WARNING

115) While travelling with the device activated, do not move the gear lever to neutral.

116) In the event of device faults or failures, go to a Fiat Dealership.

117) The electronic Cruise Control can be dangerous if the system cannot keep a constant speed. In specific conditions speed may be excessive, resulting in the risk of losing control of the vehicle and causing accidents. Do not use the device in heavy traffic or on winding, icy, snowy or slippery roads.

MOOD SELECTOR (driving mode selector)

The Mood Selector is a device that allows the driver to select three different driving modes (vehicle response) according to their needs and to the road and traffic conditions, by manually adjusting the central tunnel knob ring nut A fig. 96.



- "Auto" mode



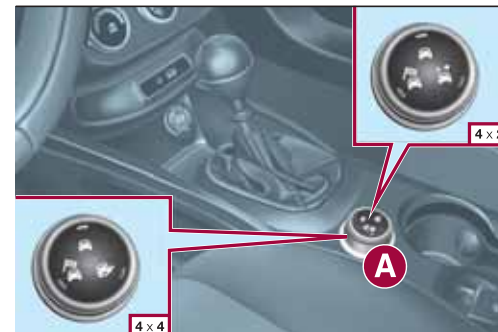
- "Traction" mode (4x4 or 4x2 versions depending on the trim level)



- "All Weather" mode (only 4x2 versions depending on the trim level)



- "Sport" mode.



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The device, through the on-board electronic system, operates on the vehicle's dynamic control systems: engine, steering, ESC system, 4x4 system (if available), gearbox/transmission, and is interfaced with the instrument panel.

The rotating ring nut is monostable type. In other words, it always returns to the central position when released. The acceptance by the system of the requested driving mode is signalled by the LED, located beside the symbol, coming on, and by the corresponding symbol appearing on the instrument panel display.

When the engine is started the system normally stays in the driving mode that was active before switching off; for versions/markets where provided the system always sets itself to "Auto" mode at start-up.

"Auto" MODE

This mode is aimed at comfort and safety in normal grip and driving conditions. On 4x4 versions, this mode also reduces fuel consumption, since it automatically disconnects the transmission from the rear wheels if the road and driving conditions allow it, in addition to changing drive torque distribution between the front and rear axles.

Activation

Starting from the active "Traction/All Weather" mode, turn the ring nut anticlockwise, keeping it in this position for at least half a second, and in any case until the relevant LED turns on, and the selected mode is shown on the display. The LED for the previously set mode will simultaneously turn off. Upon release, the ring nut will return to the central position.

Starting from the active "Sport" mode, turn the ring nut clockwise, keeping it in this position for at least half a second, and in any case until the relevant LED turns on, and the selected mode is shown on the display. The LED for the previously set mode will simultaneously turn off. Upon release, the ring nut will return to the central position.

"Traction"/"All Weather" MODE

It is a driving mode for safety in poor vehicle grip conditions (wet/slippery road surface, rain, snow). On the 4x4 versions use is also recommended on unsurfaced roads or off-road.

Activation

Starting from the active "Auto" mode, turn the ring nut clockwise, keeping it in this position for at least half a second, and in any case until the relevant LED turns on, and the selected mode is shown on the display. The LED for the previously set mode will simultaneously turn off. Upon release, the ring nut will return to the central position.

Starting from the active "Sport" mode, turn the ring nut anticlockwise, keeping it in this position for at least half a second, and in any case until the relevant LED turns on, and the selected mode is shown on the display. The LED for the previously set mode will simultaneously turn off. Upon release, the ring nut will return to the central position.

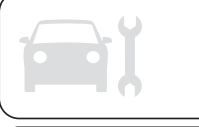
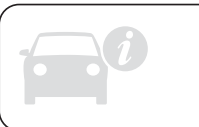
"Sport" MODE

It is the mode that emphasises the pleasure of sport driving; it increases fuel consumption however. Traction is optimised on 4x4 versions, allowing the vehicle road-hold performance to be improved, even on bends.

Activation

Starting from the active "Auto" mode, turn the ring nut anticlockwise, keeping it in this position for at least half a second, and in any case until the relevant LED turns on, and the selected mode is shown on the display. The LED for the previously set mode will simultaneously turn off. Upon release, the ring nut will return to the central position.

Starting from the active "Traction/All Weather" mode, turn the ring nut clockwise, keeping it in this position for at least half a second, and in any case until the relevant LED turns on, and the selected mode is shown on the display. The LED for the previously set mode will simultaneously turn off. Upon release, the ring nut will return to the central position.



FAULT INDICATIONS

In the case of system and selector faults, the mode change option will be automatically disabled. The system will automatically set itself to "Auto" mode. In these cases the display will show a dedicated warning. Go to a Fiat Dealership as soon as possible to have the system checked.

PARK ASSIST SYSTEM



SENSORS



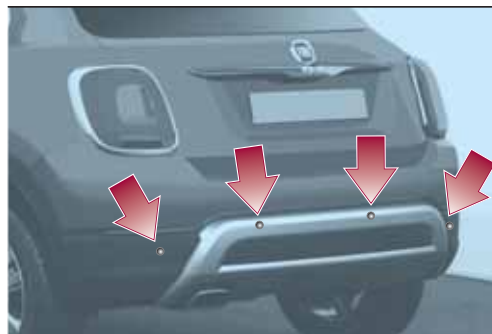
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The parking sensors, located in the rear bumper fig. 97, are used to detect the presence of any obstacles near the rear part of the vehicle.

The sensors warn the driver about the presence of possible obstacles with an intermittent acoustic signal and, depending on the version, also with visual indications on the instrument panel display.



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Activation

The sensors are automatically activated when reverse gear is selected. As the distance from the obstacle behind the vehicle decreases, the frequency of the acoustic signal increases.

Acoustic signal

When reverse is engaged and there is an obstacle behind the vehicle, an acoustic signal is activated and the signal varies as the distance of the obstacle from the bumper varies.

The frequency of the acoustic signal:

- increases as the distance between the vehicle and the obstacle decreases;
- becomes continuous when the distance separating the vehicle from the obstacle is less than about 30 cm;
- is constant if the distance between the vehicle and the obstacle is unchanged. If this situation concerns the side sensors, the signal will stop after approximately 3 seconds to avoid, for example, indications in the event of manoeuvres along a wall.
- stops immediately if the distance of the obstacle increases.

When the system emits the acoustic signal, the volume of the **Uconnect™** system is automatically lowered.

Detection distances

If several obstacles are detected by the sensors, only the nearest one is considered.

Indication on display

The indications regarding the Park Assist system are shown on the instrument panel display only if the "Acoustic signal and display" item in the "Settings" menu of the **Uconnect™** system is selected (for more information, see the description in the dedicated chapter).

The system indicates the presence of an obstacle by displaying a single arc in one of the possible areas, in accordance with the distance of the object and the position in relation to the vehicle. If the obstacle is detected in the rear central area, a single arc will be displayed as the obstacle approaches, first constant, then flashing, in addition to an acoustic signal.

OPERATION WITH TRAILER

The operation of the sensors is automatically deactivated when the trailer's electrical connection is inserted in the vehicle's tow hook socket.

Sensors are reactivated on removing the trailer's electrical connection. Before using the Park Assist system, it is recommended to remove the tow hook ball assembly and the relevant attachment from the vehicle. Failure to comply with this prescription may cause personal injuries or damage to vehicles or obstacles since, when the continuous acoustic signal is emitted, the tow hook ball is already in a position that is much closer to the obstacle than the rear bumper. In addition, the sensors may provide a false indication, interpreting the tow hook ball assembly and the relevant attachment as an obstacle in the area behind the vehicle.

GENERAL WARNINGS

Some conditions may influence the performance of the parking system:

- ❑ reduced sensor sensitivity and a reduction in the parking assistance system performance could be due to the presence of: ice, snow, mud, paint, etc. on the surface of the sensor;
- ❑ the sensor may detect a non-existent obstacle ("echo interference") due to mechanical interference, for example when washing the vehicle, in rain (strong wind), hail;

❑ the signals sent by the sensor can also be altered by the presence of ultrasonic systems (e.g. pneumatic brake systems of trucks or pneumatic drills) near the vehicle;

❑ Parking assistance system performance can also be influenced by the position of the sensors, for example due to a change in the ride setting (caused by wear to the shock absorbers, suspension), or by changing tyres, overloading the vehicle or fitting specific trims that require the vehicle to be lowered;

❑ the presence of a tow hook without trailer, which may interfere with the correct operation of the parking sensors. If a fixed tow hook is installed, the parking sensors cannot operate correctly. In the case of vehicles fitted with removable tow hook, whether as standard or installed after the vehicle was purchased, it is advisable to remove it whenever it is not used, to prevent incorrect operation of the sensors;

❑ the presence of adhesives on the sensors. Therefore, take care not to place adhesives on the sensors.



**WARNING**

118) *Parking and other potentially dangerous manoeuvres are, however, always the driver's responsibility. When performing these operations, always make sure that there are no other people (especially children) or animals on the route you want to take. 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**

41) *The sensors must be clean of 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.*

42) *Have interventions on the bumper in the area of the sensors carried out only by a Fiat Dealership. Interventions on the bumper that are not carried out properly may compromise the operation of the parking sensors.*

LANE ASSIST SYSTEM (lane crossing warning)

**DESCRIPTION**

43) 44) 45) 46) 47) 48)

The Lane Assist system makes use of a camera located on the windscreen to detect the lane limits and calculate the position of the vehicle within such limits, in order to make sure that it remains inside the lane.

When both limits of the lane are detected and the vehicle crosses one of them without the awareness of the driver (direction indicator off), the Lane Assist system provides a tactile warning by applying torque to the steering wheel (vibration), thus advising the driver that he must take an action to remain in the lane.

IMPORTANT The torque applied to the steering wheel by the system is sufficient for the driver to notice it, but always limited, so that they can easily override it, and the driver always maintains control of the vehicle. The driver can therefore turn the steering wheel as required at all times.

If the vehicle continues going beyond the line of the lane without any intervention from the driver, the  warning light (or the icon on the display) will be displayed on the instrument panel to urge the driver to bring the vehicle back into the limits of the lane.

IMPORTANT The system monitors the presence of the driver's hands on the steering wheel. If they are not detected, the system emits an acoustic signal and deactivates until it is reactivated by pressing the dedicated button (see description below). When one limit of the lane is detected and the vehicle crosses it (direction indicator off), warning light  (or the icon on the display) will be displayed on the instrument panel to urge the driver to bring the vehicle back into the lane. In this case, the tactile warning (vibration on the steering wheel) is not provided.

SYSTEM ACTIVATION/DEACTIVATION

The Lane Assist system can be enabled/disabled using button A fig. 98, located on the left stalk.

Each time the engine is started, the system keeps the activation status there was when it was previously switched off.



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On some versions, a dedicated message appears on the display when it is activated and deactivated.

Activation conditions

Once switched on, the system becomes active only if the following conditions are met:

- ☐ the driver always keeps at least one hand on the steering wheel;
- ☐ vehicle speed ranges between 60 km/h and 180 km/h;
- ☐ the lane limit lines are perfectly visible on both sides;
- ☐ there are suitable visibility conditions;
- ☐ the road is straight or with wide radius bends;
- ☐ a suitable distance is kept from the vehicle in front;
- ☐ the direction indicator (for leaving the lane) is not active;

☐ the lane limit lines are perfectly visible on both sides (for activation of the tactile warning only).

NOTE The system does not apply the vibration to the steering wheel every time a safety system is activated (brakes, ABS, ASR system, ESC system, Full Brake Control system, etc.).



WARNING

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

44) *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 camera.*

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

46) *Do not cover the operating range of the camera 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 camera.*

47) *The camera 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.*

48) *Camera 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, vehicle 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 camera operation may also be limited or absent in some driving, traffic and road surface conditions.*



REAR VIEW CAMERA



DESCRIPTION

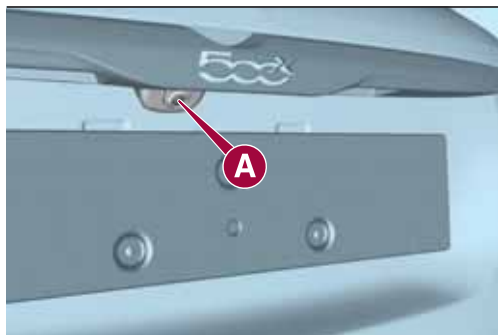
The camera A fig. 99 is located on the tailgate.



119)



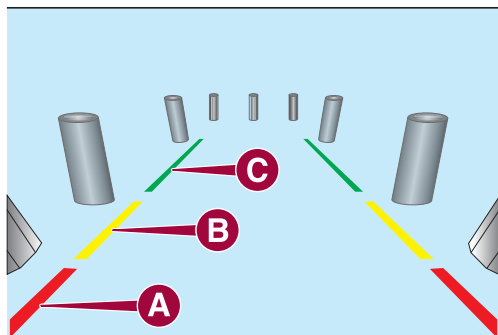
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Every time reverse is engaged, the display fig. 100 shows the area around the vehicle, as seen by the rear camera.



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SYMBOLS AND MESSAGES ON THE DISPLAY

A superimposed central broken line indicates the centre of the vehicle to facilitate parking manoeuvres or tow hook alignment. The various coloured areas indicate the distance from the rear of the vehicle.

The table below shows the approximate distances for each area fig. 100:

| Area | Distance from the rear of the vehicle |
|------------|---------------------------------------|
| Red (A) | 0–30 cm |
| Yellow (B) | 30–100 cm |
| Green (C) | 1 m or more |

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



WARNING

119) *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

49) *It is vital, 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 from the sensors. Do not apply stickers to the camera.*

TOWING TRAILERS

IMPORTANT



120) 121)

For towing caravans or trailers the vehicle must be fitted with an approved tow hook and an adequate electrical system. Should aftermarket installation be requested, this must be carried out by specialists.

Install any specific and/or additional door 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 trailer. Engage a low gear when driving downhill, rather than constantly using the brake. The weight the trailer exerts on the vehicle tow hook reduces the vehicle's loading capacity by the same amount. To make sure that the maximum towable weight is not exceeded (given in the vehicle registration document) account should be taken of the fully laden trailer, including accessories and luggage. Do not exceed the speed limits specific to each country you are driving in, in the case of vehicles towing trailers. In any case, the top speed must not exceed 100 km/h.

Any electric brake must be powered directly by the battery through a cable with a cross-section of no less than 2.5 mm². In addition to the electrical branches, the vehicle electrical system can only be connected to the supply cable for an electric brake and to the cable for an internal light for the trailer, not exceeding 15 W. For connections, use the preset control unit with a battery cable with section not less than 2.5 mm². The use of auxiliary loads other than external lights (e.g. electric brake) must take place with engine running.

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. It must also meet current regulations with reference to Directive 94/20/EC and subsequent amendments.

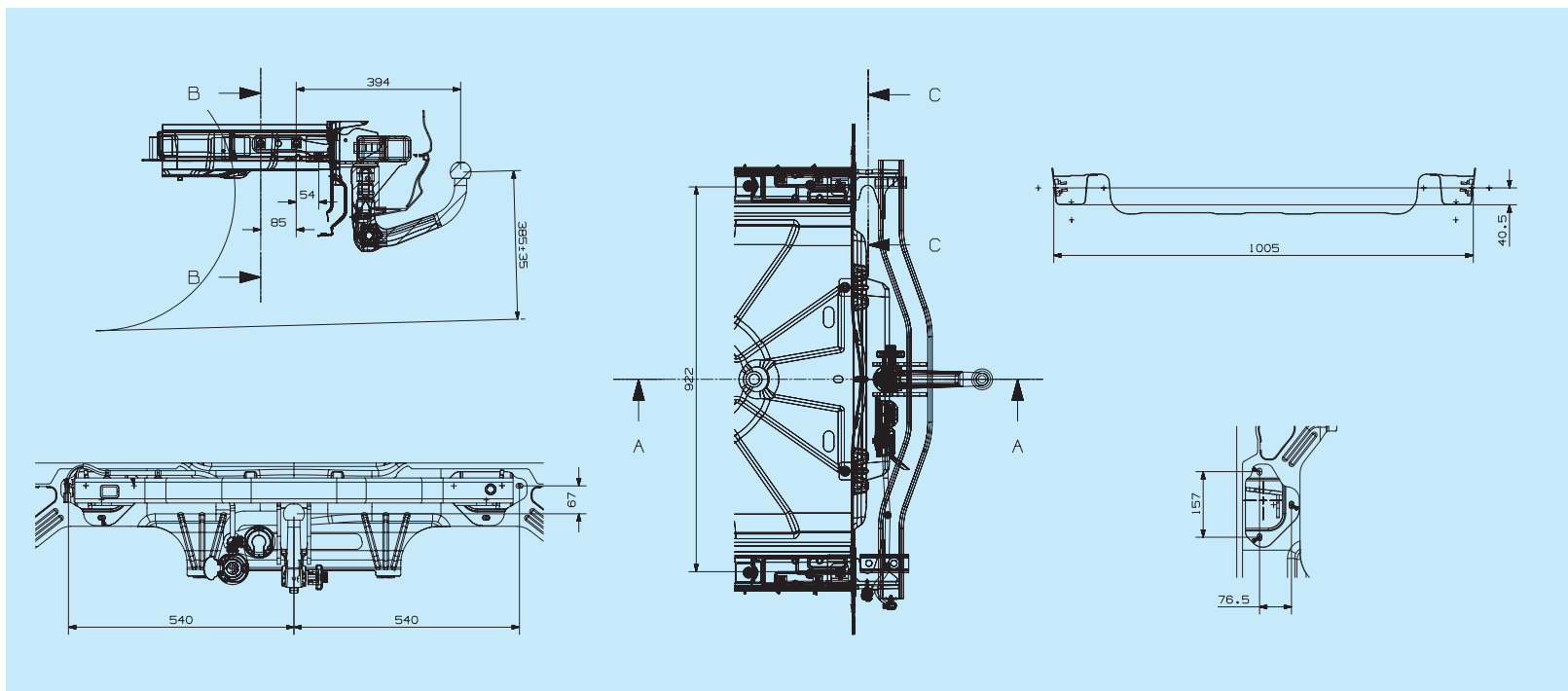
For any version the towing device used must be right for the towable weight of the vehicle on which it is to be installed.

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. 7 or 13-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.



Assembly diagram

The tow hook structure must be secured to the body in the points shown in the figure fig. 101.



101

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IMPORTANT To install a tow hook contact a Fiat Dealership.



WARNING

120) 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.

121) 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.

REFUELLING THE VEHICLE



122) 123) 124)

PETROL ENGINES

Only use unleaded petrol with a number of octanes (R.O.N.) not lower than 95 (EN 228 specification).

DIESEL ENGINES



Only use Diesel for motor vehicles (EN 590 specification).

When using or parking the vehicle 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.

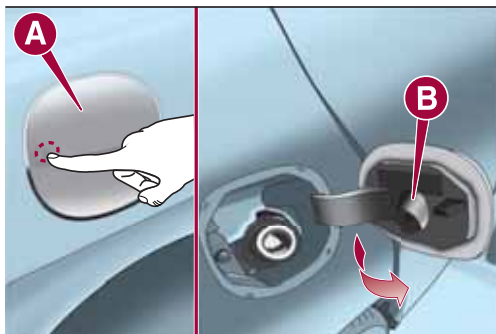
REFUELLING PROCEDURE

"Capless Fuel" is a device at the opening for the fuel tank which opens and recloses automatically when the fuel supply gun is introduced/removed. The "Capless Fuel" device is provided with an inhibitor which prevents refuelling with incorrect fuel.

Opening the flap

To refuel proceed as follows:

- ❑ unlock flap A fig. 102 by pressing on the specified point and then open it;
- ❑ introduce the dispenser in the filler and refuel;



- ❑ 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 flap is provided with a dust cover gaiter B which prevents deposits of impurities and dust at the end of the filler when the flap is closed.

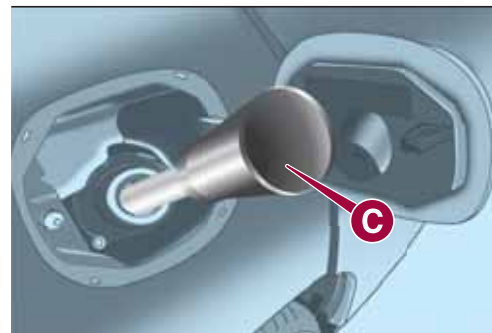
Emergency refuelling

Proceed as follows:

- ❑ open the boot and take adaptor C fig. 103, located in the tool box or in the

Fix&Go kit container (according to the versions);

- ❑ open flap A fig. 102, as described previously;
- ❑ introduce the adaptor in the filler as shown and refuel;



- ❑ after refuelling, remove the adaptor and close the flap;
- ❑ finally refit the adaptor in the boot.



WARNING

122) 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.



123) 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.

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



WARNING

50) Vehicles with a diesel engine 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.

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 Fiat Dealership.

| | |
|---|-----|
| HAZARD WARNING LIGHTS..... | 122 |
| BULB REPLACEMENT..... | 122 |
| REPLACING FUSES..... | 128 |
| CHANGING A WHEEL | 133 |
| FIX&GO AUTOMATIC KIT | 136 |
| EMERGENCY STARTING..... | 138 |
| FUEL CUT-OFF SYSTEM | 140 |
| AUTOMATIC TRANSMISSION
GEAR LEVER UNLOCKING..... | 140 |
| TOWING THE VEHICLE | 142 |



HAZARD WARNING LIGHTS

CONTROL

Press the fig. 104 button to switch the lights on/off.

When the hazard warning lights are on, the  and  warning lights flash.



104

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IMPORTANT The use of hazard warning lights is governed by the highway code of the country you are driving in: comply with legal requirements.

Emergency braking

In the event of emergency braking the hazard warning lights switch on automatically as well as the  and  warning lights in the instrument panel.

The lights switch off automatically when emergency braking ceases.

BULB REPLACEMENT



 125) 126) 127)

 51)

GENERAL INSTRUCTIONS

- ☐ Before replacing a bulb check the contacts for oxidation;
- ☐ replace blown bulbs with others of the same type and power;
- ☐ after replacing a headlight bulb, always check its alignment;
- ☐ when a light is not working, check that the corresponding fuse is intact before replacing the bulb. For the location of fuses, refer to the paragraph "Replacing fuses" in this chapter.

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

The vehicle is equipped with the following bulbs:

Glass bulbs (type A): they are press-fitted. Pull to extract.

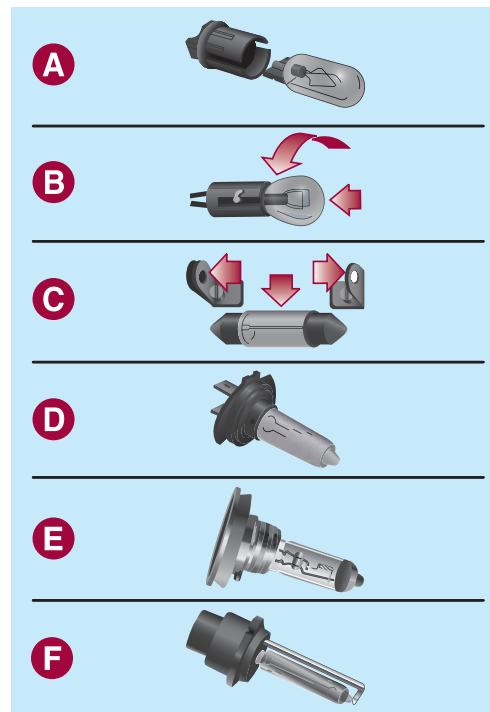
Bayonet-type bulbs (type B): to remove them from their holder, press the bulb and turn it anticlockwise, then extract it.

Tubular bulbs (type C): release them from their contacts to remove.

Halogen bulbs (type D): to remove the bulb, turn the connector to the side and pull it out.

Halogen bulbs (type E): to remove the bulb, turn it anticlockwise.

Xenon gas discharge bulb (type F): to remove the bulb, contact a Fiat Dealership.



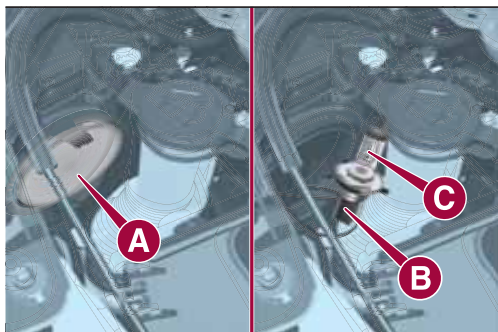
| Bulbs | Type | Power | Figure reference |
|--|-------|---------|------------------|
| Front side lights/Daytime running lights (DRL) | P21W | 21 W | B |
| Rear side/brake light | P21W | 21 W | B |
| Main beam/dipped beam headlights (halogen) | H4 | 60/55 W | D |
| Main beam/dipped beam headlights (Xenon gas discharge) | D5S | 25 W | F |
| Front direction indicators | PY21W | 21 W | B |
| Rear direction indicators | P21W | 21 W | B |
| Side direction indicators (on door mirror) | WY5W | 5 W | A |
| 3rd brake light | LED | – | – |
| Number plate | W5W | 5 W | A |
| Fog lights | H8 | 35 W | E |
| Rear fog light | P21W | 21 W | B |
| Reverse | P21W | 21 W | B |
| Front roof light | C5W | 5 W | A |
| Front roof lights (sun visors) | C5W | 5 W | A |
| Rear roof light (versions without sun roof) | XENON | 6 W | A |
| Rear roof lights (versions with sun roof) | C5W | 5 W | C |
| Boot roof lights | W5W | 5 W | A |
| Glove compartment light | W5W | 5 W | A |

REPLACING AN EXTERNAL BULB

Dipped/main beam headlights

To replace the bulb, proceed as follows:

- working from inside the engine compartment, remove rubber cap A fig. 105, using the dedicated tab;



105

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- turn the bulb-bulb holder assembly anticlockwise and then remove it sliding it outwards;
- disconnect the electrical connector B and replace the bulb C.
- then insert the bulb and bulb holder assembly in its housing and turn it clockwise, making sure that it is locked correctly;
- refit the rubber cap A.

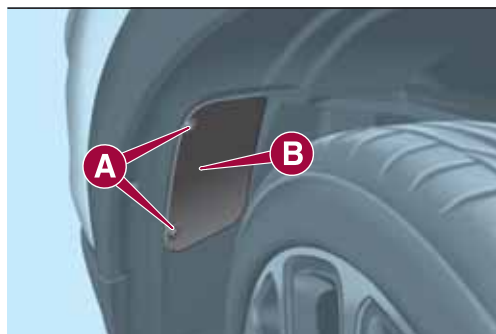
IMPORTANT Only replace the bulb when the engine is off. Also ensure that the engine is cold, to prevent the risk of burns.

Xenon gas discharge main beam/dipped beam headlights

For replacing these bulbs, contact a Fiat Dealership.

Side lights/daytime running lights (DRL)

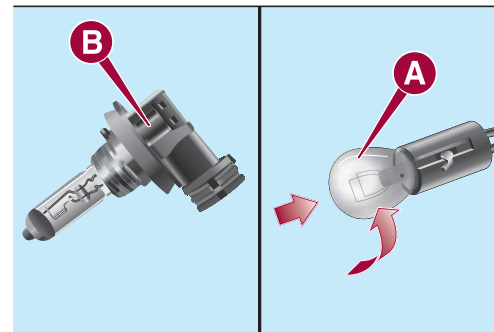
To replace the bulbs proceed as follows:



106

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- steer the vehicle wheels completely inwards;
- undo screws A fig. 106 using the screwdriver provided and remove inspection flap B;
- identify the bulb for the side light/DRL;



107

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- turn the bulb-bulb holder assembly anticlockwise and then remove it sliding it outwards;
- replace the "bayonet-fitted" bulb A fig. 107;
- finally, refit inspection flap B fig. 106, completely tightening fixing screws A.

Front direction indicators

To replace the bulbs proceed as follows:

- steer the vehicle wheels completely inwards;
- undo screws A fig. 106 using the screwdriver provided and remove inspection flap B;
- identify the direction indicator bulb;
- turn the bulb-bulb holder assembly anticlockwise and then remove it sliding it outwards;
- replace the "bayonet-fitted" bulb A fig. 107;



❑ finally, refit inspection flap B fig. 106, completely tightening fixing screws A.

Fog lights

To replace the bulbs proceed as follows:

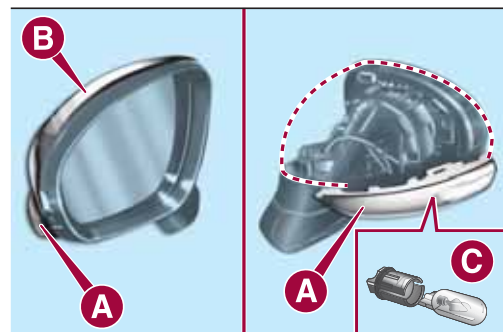
- ❑ steer the vehicle wheels completely inwards;
- ❑ undo screws A fig. 106 using the screwdriver provided and remove inspection flap B;
- ❑ identify the fog light bulb;
- ❑ turn the bulb-bulb holder assembly anticlockwise and then remove it sliding it outwards;
- ❑ disconnect the electrical connector;
- ❑ replace the bulb-bulb holder assembly B fig. 107.
- ❑ reconnect the electrical connector to the new bulb-bulb holder assembly, then fit it ensuring that it locks correctly;
- ❑ fit the assembly turning it clockwise, ensuring that it locks correctly;
- ❑ finally, refit inspection flap B fig. 106, completely tightening fixing screws A.

Side direction indicators

IMPORTANT The procedure is only described by way of illustration. It is advisable to contact a Fiat Dealership for bulb replacement.

To replace the bulb, proceed as follows:

❑ remove cover B fig. 108 of the door mirror very carefully (using suitable equipment in order not to damage the paintwork) around the frame of the mirror itself (as shown in the figure);



108

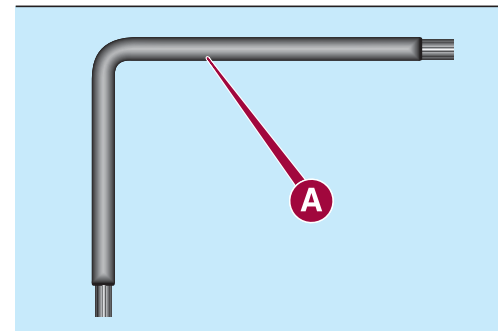
F1B0149C

- ❑ remove lens A, then remove bulb C pulling it out from its bulb holder.
- ❑ fit the new bulb, making sure it is correctly locked;
- ❑ refit the bulb holder on lens A;
- ❑ correctly refit the cover B on the door mirror, making sure it is correctly locked.

Rear light cluster

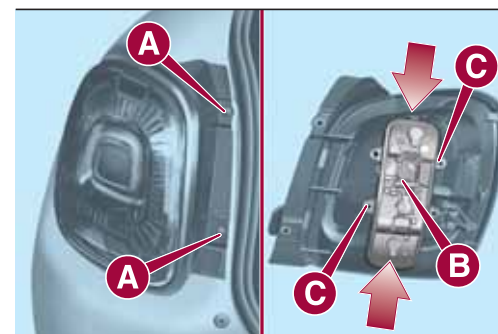
To replace the bulbs proceed as follows:

- ❑ open the tailgate;



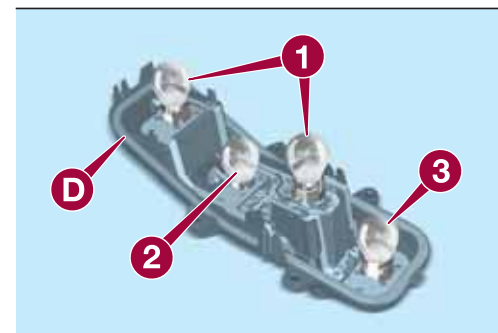
109

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110

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111

F1B0152C

❑ use the wrench A fig. 109 supplied with the vehicle (located inside the case with the on-board documentation), undo the two screws A fig. 110, then release the light cluster from the relevant pin fastenings, pulling cautiously;

❑ disconnect the central connector B, then undo the two screws C;

❑ release the tabs indicated by the arrows and extract the bulb holder assembly D fig. 111;

❑ identify the bulb to be replaced (1 Side/Stop - 2 Direction indicator - 3 Rear fog light or Reverse);

❑ all bulbs are "bayonet-fitted"; therefore they must be lightly pressed and simultaneously turned to be replaced: anticlockwise for extraction, clockwise for fitting;

❑ correctly refit the bulb holder assembly D in the light casing; stop when you hear that the tabs click into place;

❑ tighten the two screws C fig. 110 and reconnect the central connector B;

❑ refit the lens unit, fully tightening the two screws A;

❑ reclose the tailgate.

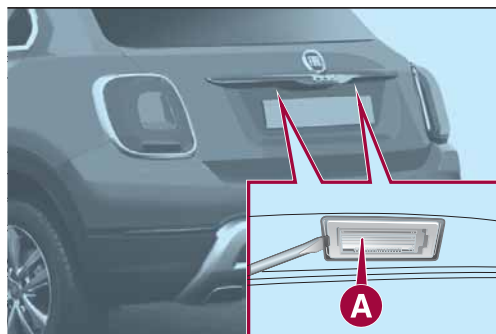
3rd brake lights

The 3rd brake lights are LED-based. For their replacement, contact a Fiat Dealership.

Number plate lights

To replace the bulbs proceed as follows:

❑ using the screwdriver provided, remove the lenses A fig. 112 working in the point shown;



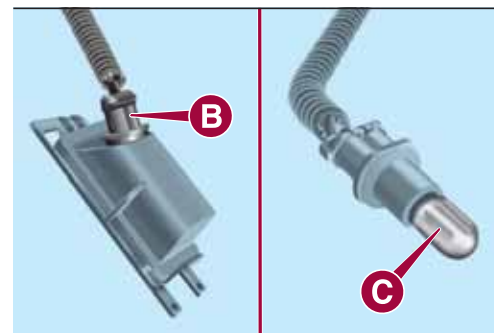
I 12

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❑ turn the bulb holder assembly B fig. 113 anticlockwise, extract bulb C and replace it.

❑ finally, refit the lenses.

NOTE Before removing the lens unit, put a protection (e.g. cloth) on the tip of the screwdriver, in order not to damage the lens itself.



I 13

F1B0154C



WARNING

125) Before replacing the bulb, wait for the exhaust ducts to cool down: RISK OF BURNS!

126) 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.

127) Halogen bulbs contain pressurised gas. If they break, glass fragments could fly everywhere.





WARNING

51) 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 case of accidental contact, rub the lamp with a cloth and alcohol and leave to dry.

REPLACING FUSES



INTRODUCTION



128) 129) 130) 131)



52) 53)

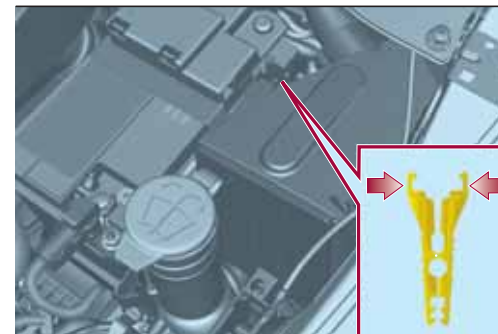
Fuses protect the electrical system: they intervene (blow) in the event of a failure or improper action on the system.

Fuse extracting pliers

To replace a fuse, use the pliers hooked to the side of the engine compartment fuse box cover (see fig. 114).

The pliers have two different ends, specifically designed to remove the different types of fuses present in the vehicle.

To take out the pliers, grab them from the upper tabs, press and pull upwards. After being used, the pliers should be positioned properly in their housing, grabbing them from the upper tabs, pressing and pushing them until a click is heard.



114

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FUSE LOCATION

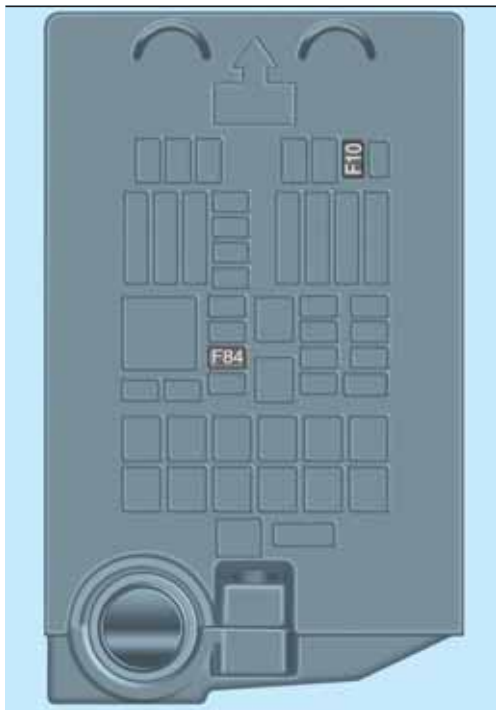
Fuses are grouped together in the fuse boxes located in the engine compartment, under the dashboard and inside the boot.

ENGINE COMPARTMENT FUSE BOX

The fuse box is located by the side of the battery fig. 115.

To access the fuses, proceed as follows:

- ❑ fully tighten screw A fig. 116, using the screwdriver provided;
- ❑ at the same time slowly rotate the screw anticlockwise, until resistance is encountered (do not overtighten);
- ❑ slowly release the screw;
- ❑ opening is indicated by the entire screw head coming out of its housing;



115

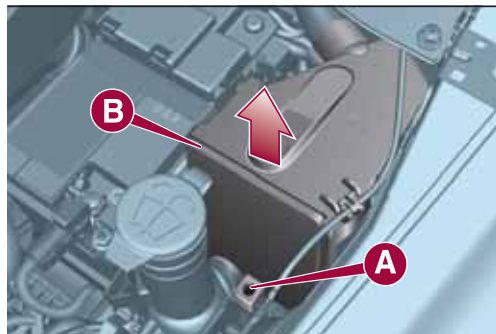
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❑ remove cover B, sliding it upwards on the side guides, as indicated in the figure.

The number identifying the electrical component corresponding to each fuse is shown on the cover.

Once the fuse has been replaced, proceed as follows:

- ❑ correctly refit the cover B in the side guides of the casing;
- ❑ slide it down completely from the top;



116

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- ❑ fully tighten screw A, using the screwdriver provided;
- ❑ at the same time slowly rotate the screw clockwise, until resistance is encountered (do not overtighten);
- ❑ slowly release the screw;
- ❑ closure is indicated by the securing of the entire screw head in its housing.

DASHBOARD FUSE BOX

The fuse box fig. 117 is located near the left side of the steering column and the fuses can be accessed easily from the lower part of the dashboard.

For fuse replacement, contact a Fiat Dealership.



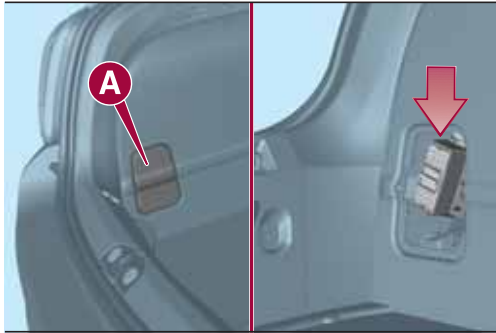
117

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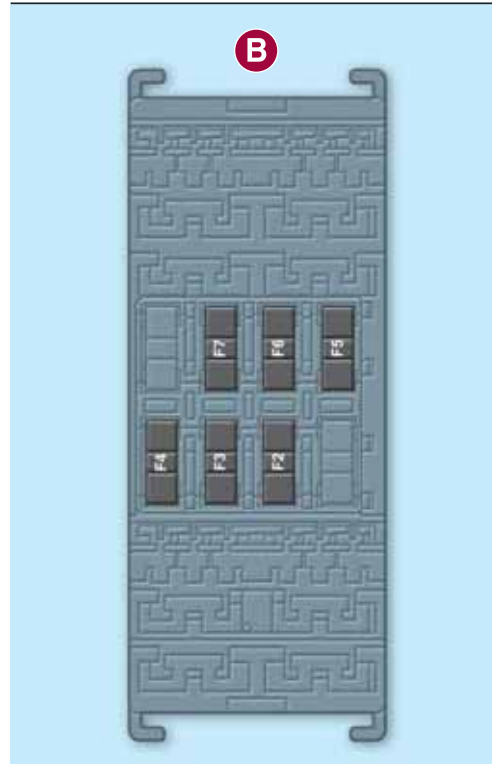
BOOT FUSE BOX

Open inspection cover A fig. 118 and access the fuses in fuse box B fig. 119.



118

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119

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ENGINE COMPARTMENT FUSE BOX

| USERS | FUSE | AMPERE |
|---|------|--------|
| Horn | F10 | 10 |
| Power supply for cigar lighter/power socket | F84 | 20 |

DASHBOARD FUSE BOX

| USERS | FUSE | AMPERE |
|--|------|--------|
| Front electric window (passenger side) | F33 | 20 |
| Front electric window (driver side) | F34 | 20 |
| Supply for Uconnect™ system, Climate Control system, Electric door mirror folding, EOBD system, USB port/AUX socket, rear side roof lights (versions with sun roof) | F36 | 15 |
| Dead Lock device (Driver side door unlocking for versions/markets, where provided)/Door unlocking/Central locking/Electric tailgate unlocking | F38 | 20 |
| Rear left electric window | F47 | 20 |
| Rear right electric window | F48 | 20 |



BOOT FUSE BOX

NOTE The configuration of the boot may vary in accordance with the equipment on the vehicle.

Fuse box B

| USERS | FUSE | AMPERE |
|--|------|--------|
| HI-FI system | F2 | 20 |
| Electric sun roof | F3 | 20 |
| Front seat electric lumbar adjustment (driver guide) | F4 | 7.5 |
| Electric front seat adjustment (driver side) | F5 | 30 |
| Electric front seat adjustment (driver side and passenger side) | F6 | 7.5 |
| Electric front seat lumbar adjustment (driver side and passenger side) | F7 | 30 |



WARNING

128) If the fuse blows again contact a Fiat Dealership.

129) Never replace a fuse with another with a higher amp rating; DANGER OF FIRE

130) If a fuse NOT described on this page and on the previous one blows, contact a Fiat Dealership.

131) Before replacing a fuse, make sure that the ignition device has been taken to STOP, that the ignition key, if mechanical, has been removed and that all the other devices are switched off and/or deactivated.



WARNING

52) Never replace a blown fuse with metal wires or other material.

53) If it is necessary to wash the engine compartment, take care not to directly hit the fuse box and the window wiper motor with the water jet.

CHANGING A WHEEL



JACK

Please note that:

- ❑ the weight of the jack is 2.8 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.

CHANGING PROCEDURE



132) 133) 134) 135) 136) 137) 138) 139)

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;
- ❑ stop the engine, engage the hazard warning lights and the electric parking brake;
- ❑ engage first gear or reverse or, for versions with automatic transmission, move the lever to position P (Park);
- ❑ wear the reflective safety jacket (compulsory by law in certain countries) before getting out of the vehicle;

❑ open the boot and position the reconfigurable load platform in an inclined position (see "Boot" in the "Knowing your vehicle" chapter);

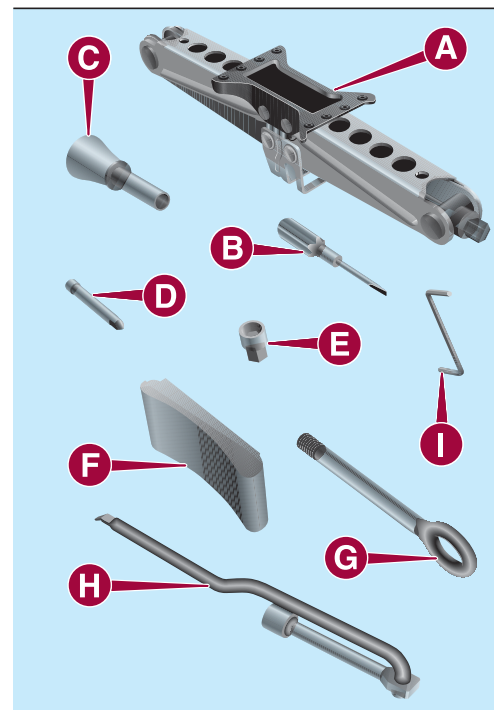
❑ take the tool bag provided, which is secured to the boot cover with specific fastenings; it contains fig. 120: jack A; screwdriver B; adaptor C for refuelling in the event of an emergency; pin D for centring the wheel (where provided, to be used in the spare wheel fitting procedure); special anti-theft nut E (where provided, to be used in the wheel stud bolt fitting/removal procedure); chock F for blocking the wheels and the vehicle; tow hook G; key H for the wheel stud bolts and the jack; Allen key I for emergency operation of the sun roof (where provided);

❑ raise the mat A fig. 121 and take the space-saver wheel B;

❑ bring the space-saver wheel and the tool bag near the wheel to be replaced;

❑ take the chock A fig. 122 and fold it out as shown in the diagram;

❑ place the chock A on the wheel diagonally opposite the one to be replaced (see fig. 123) to prevent the vehicle from moving irregularly when it is lifted from the ground;



120

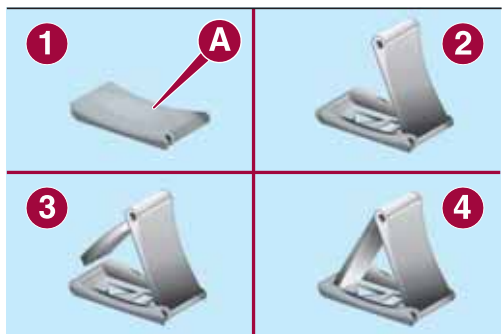
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121

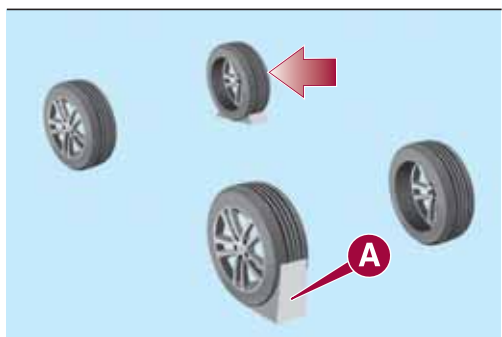
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122

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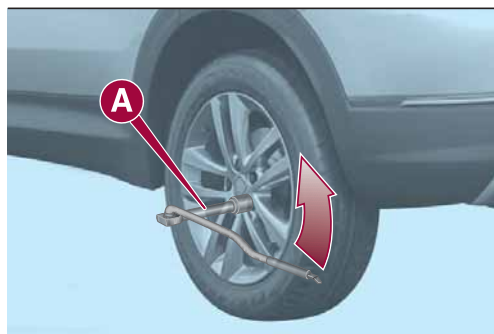


123

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□ use the key A fig. 124 to loosen the fixing stud bolts by about one turn. With alloy rims it is recommended to "shake" the vehicle to facilitate detachment of the rim from the wheel hub;

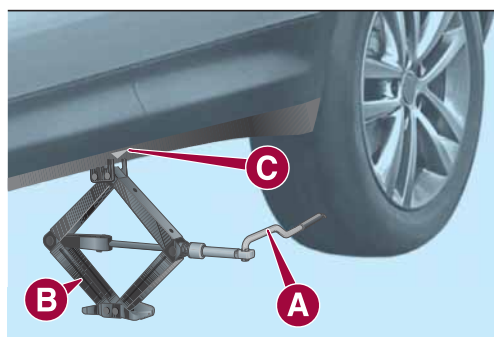
□ position the jack under the vehicle, near the wheel to be changed;



124

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□ insert the key A fig. 125 on the hexagonal part of the jack B to extend it until the top splined area fits correctly into the sidemember C of the vehicle, next to the symbol ∇ on the sidemember itself;



125

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□ 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;

□ use the key A to operate the jack (clockwise) and lift the vehicle until the wheel is several centimetres off the ground;

□ use the key A to undo the stud bolts completely and remove the punctured tyre;

□ 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;

□ in order to facilitate fitting of the space-saver wheel, tighten the centring pin in the higher hole of the wheel hub, then fit the space-saver wheel, screwing in the first stud bolt by hand for at least two threads;

□ remove the centring pin and screw in the other stud bolts by hand;

□ tighten all the retaining stud bolts using the key A;

□ operate the key A (anticlockwise) on the hexagonal part of the jack, in order to lower the vehicle, then extract it;

□ use the key A to fully tighten the stud bolts in a criss-cross fashion as per the numerical sequence shown in fig. 126;



I26

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- ❑ place the punctured tyre in the boot upside down (with the outer part facing upwards), then reposition the jack and the used tools;
- ❑ reposition the boot mat then reposition the reconfigurable load platform in a flat position (see "Boot" in the "Knowing your vehicle" chapter). Restore the standard wheel as soon as possible, because, once placed in the associated compartment, the boot load platform is rendered uneven as the standard wheel is larger than the space-saver wheel.



WARNING

132) If left in the passenger compartment, the punctured wheel and jack constitute a serious risk to the safety of occupants in the event of accidents or sharp braking. Therefore, always place both the jack and punctured wheel in the dedicated housing in the boot.

133) It is extremely dangerous to attempt to change a wheel on the side of the vehicle next to the driving lane: make sure that the vehicle is at a sufficient distance from the road, to avoid being run over.

134) Alert other drivers that the vehicle is stationary in compliance with local regulations: hazard warning lights, warning triangle, etc. Any passengers on board should leave the vehicle, especially if it is heavily laden. Passengers should stay away from on-coming traffic while the wheel is being changed. For safety reasons, always block the wheels with the chocks provided.

135) The vehicle's driving characteristics will be 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!

136) The space-saver wheel 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 sticker.



137) The jack is a tool developed and designed only for changing a wheel, if a tyre gets punctured or damaged, on the vehicle with which it is supplied or on other vehicles of the same model. It must not be used, for example, to jack other vehicle models or objects. Never use the jack to carry out maintenance or repairs under the vehicle. Never position yourself under a jacked vehicle. Should it be necessary to work under the vehicle, contact a Fiat Dealership. Incorrectly positioning the jack may cause the vehicle to fall: use it only in the positions indicated. Do not use the jack for loads higher than the one shown on its label.

138) 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. In this way, with two normal drive wheels at the front axle, it is possible to use snow chains (this instruction is also valid for 4x4 versions).

139) Never tamper with the inflation valve. Never introduce tools of any kind between the rim and the tyre. Check tyre and space-saver wheel pressures regularly, complying with the values given in the "Technical specifications" chapter.

FIX&GO AUTOMATIC KIT

(where provided)



DESCRIPTION



140) 141) 142) 143) 144) 145) 146) 147)



54)

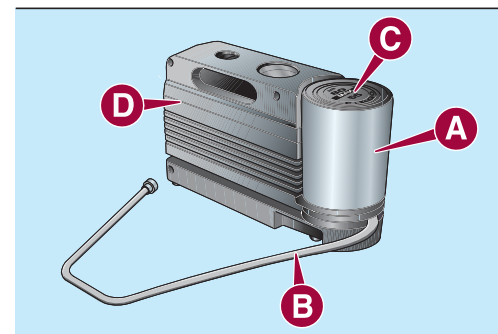


3)

The Fix&Go automatic kit fig. 127 is located in the boot, inside a dedicated container. The container is also equipped with a screwdriver, the tow hook and the refuelling adaptor. To access the Fix&Go automatic kit, open the tailgate, position the reconfigurable load platform in an inclined position and lift the carpet. For more detailed information, refer to previous paragraph "Changing a wheel".

The Fix&Go automatic kit also includes:

- bottle A containing sealant 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 complete with pressure gauge and connectors;



127

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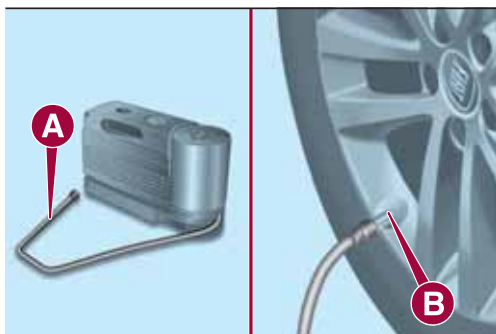
- an instruction leaflet, to refer to for prompt and correct use and that must be then given to the personnel dealing with the tyre treated with sealant;
- a pair of gloves located in the side compartment of the compressor;
- some adaptors, for inflating different elements.

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

INFLATION PROCEDURE

Proceed as follows:

- engage the electric parking brake, unscrew the tyre valve cap, take out filler hose A fig. 128 and tighten ring nut B on the tyre valve;



128

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- ❑ make sure that the switch for the compressor is in position **0** (off), start the engine, insert the plug into the power socket located on the central tunnel and switch on the compressor by bringing the switch to position **I** (on);
- ❑ inflate the tyre to the pressure indicated in the “Wheels” paragraph (see “Technical data” chapter). In order to obtain a more precise reading, check the pressure value on pressure gauge B with the compressor off;
- ❑ if after five minutes pressure is not at least 1.8 bar, disengage the compressor from the valve and power socket, then move the vehicle 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 having driven for about 10 minutes, stop and re-check the tyre pressure; remember to engage the electric parking brake;
- ❑ if a pressure value of at least 1.8 bar is detected, restore the correct pressure (with engine running and electric parking brake engaged), resume driving immediately and drive with great care to a Fiat Dealership.



WARNING

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

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

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

143) 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.

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

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

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

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



**WARNING**

54) 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.

EMERGENCY STARTING**55)**

If the battery is flat, a jump starting can be performed using the battery and the cables of another vehicle, or using an auxiliary battery. In all cases, the battery used must have a capacity equal to or a little higher than the flat one.

IMPORTANT

Do not use an auxiliary 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!

JUMP STARTING

The vehicle battery is located in the engine compartment, behind the left light cluster.

**148) 149) 150) 151)**

IMPORTANT The positive terminal (+) of the battery is shielded by a protective element. Raise it to access the terminal.

Proceed as follows:

- ☐ operate the parking brake, move the lever to P (Park), for versions equipped with automatic transmission, or neutral, for versions with manual gearbox, then set the ignition device to STOP;
- ☐ switch off all the other electrical appliances in the vehicle;
- ☐ should you be using the battery of another vehicle, park the other vehicle within the range of the cables used for the connection, operate the parking brake and ensure that its ignition is off.

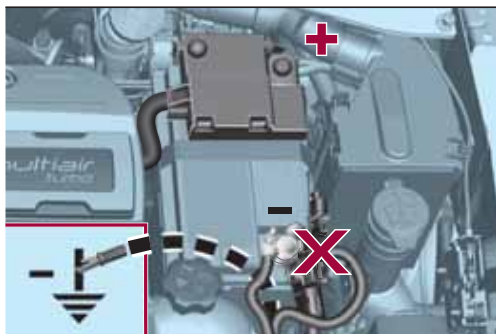
IMPORTANT If the procedure below is carried out incorrectly, it can cause severe injury to people or damage the recharging system of one or both vehicles. Carefully follow the instructions given below.

Cable connection**56)**

Proceed as follows to carry out bump starting fig. 129:

- ☐ 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;



129

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❑ Connect the other end of the cable used for negative (–) to an engine earth  (a visible metal part of the engine or gearbox/transmission of the vehicle 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 is started, remove the leads, reversing the order above. If after a few attempts the engine does not start, do not persist but contact a Fiat Dealership.

If it is often necessary to perform an emergency 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

148) Before opening the bonnet, make sure that the engine is off and that the ignition key is in the STOP position. Follow the indications on the plate underneath the bonnet. We recommend that you remove the key from the ignition if other people remain in the vehicle. The vehicle should always be left after the key has been removed or turned to the STOP position. During refuelling, make sure that the engine is off (and that the ignition key is in the STOP position).

149) 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.

150) Remove any metal objects (e.g. rings, watches, bracelets), that might cause an accidental electrical contact and cause serious injury.

151) Batteries contain acid which may burn skin and eyes. Batteries produce hydrogen, which is easily flammable and explosive. Therefore, keep away flames or devices which may cause sparks.



WARNING

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

56) 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



DESCRIPTION

This intervenes in the case of an impact causing:

- ☐ the interruption of the fuel supply with the engine consequently switching off;
 - ☐ the automatic unlocking of the doors;
 - ☐ turning on of the lights inside the vehicle;
 - ☐ deactivation of climate control system ventilation;
 - ☐ switching on of the hazard warning lights (to deactivate the lights press the button on the dashboard).
- On some versions, the intervention of the system is indicated by a message shown on the display. In the same way, a dedicated message on the display warns the driver if system operation is compromised.

IMPORTANT Carefully check the vehicle for fuel leaks, for instance in the engine compartment, under the vehicle or near the tank area. After a collision, bring the ignition device to STOP to prevent the battery from running down.

FUEL CUT-OFF SYSTEM RESET

To restore correct operation of the vehicle, carry out the following procedure (this procedure must be started and completed within less than 1 minute):



152)

Operations to be carried out

With direction indicator lever in neutral position, bring the ignition device to STOP

Bring the ignition device to MAR

Activate the right direction indicator

Activate the left direction indicator

Activate the right direction indicator

Activate the left direction indicator

Deactivate the left direction indicator

Bring the ignition device to STOP

Bring the ignition device to MAR



WARNING

152) 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.

AUTOMATIC TRANSMISSION GEAR LEVER UNLOCKING

In the event of a fault, to move the gear lever from P (Park), proceed as follows:

- ☐ stop the engine;
- ☐ engage the electric parking brake;
- ☐ working carefully in the point indicated by the arrow, remove the trim A fig. 130 (complete with gaiter) lifting it upwards (see also fig. 131);



130

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131

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- ☐ fully depress the brake pedal and hold it down;
- ☐ insert the screwdriver supplied perpendicularly in hole B fig. 132 and adjust the release lever;



132

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- ☐ place the gear lever in N (Neutral) position;
- ☐ refit the gear lever gaiter and trim correctly;
- ☐ start the engine.

EMERGENCY REMOVAL OF THE IGNITION KEY

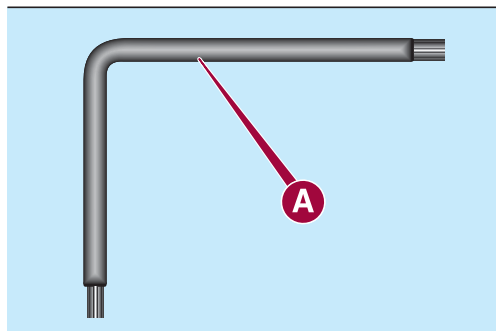


57)

The ignition key (for versions with key without remote control) can be removed only if the gear lever is in position P (Park).
If the vehicle battery is flat and the ignition key is engaged, the latter is locked in position.

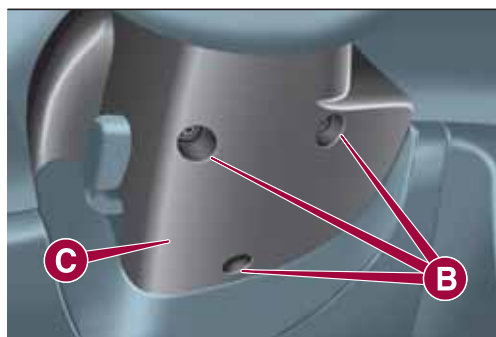
To remove the key manually, proceed as follows:

- ☐ stop the vehicle in safety conditions, engage a gear and the electric parking brake;
- ☐ using the provided key A fig. 133 (located in the casing containing the on-board documents), undo the fixing screws B fig. 134 for the lower cover C;



133

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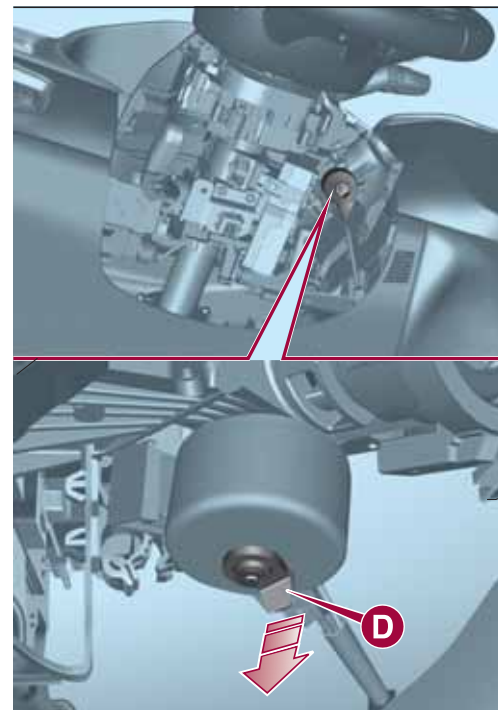


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- ☐ remove the lower steering wheel cover C by releasing it from its housing;

- ☐ pull tab D fig. 135 downwards using one hand and with the other one remove the key, sliding it outwards;



135

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- ☐ once the key has been removed, refit lower cover C fig. 134, make sure it locks correctly and tighten the fixing screws B firmly.





WARNING

57) It is advisable to contact a Fiat Dealership to have the refitting procedure carried out. If you would like to proceed autonomously, special attention must be paid to the correct coupling of the retaining clips. Otherwise, noise might be heard due to an incorrect fastening of the lower cover with the upper cover.

TOWING THE VEHICLE

ATTACHING THE TOW HOOK



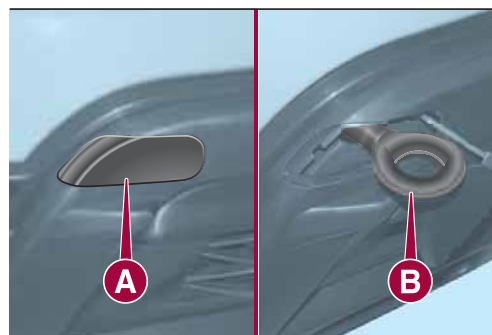
153) 154) 155)

The tow hook provided is located in the tool box inside the boot.

Front

Proceed as follows:

- ❑ release cap A fig. 136, operating in the point shown by the arrow;
- ❑ take tow hook B and screw it fully onto the front threaded pin.



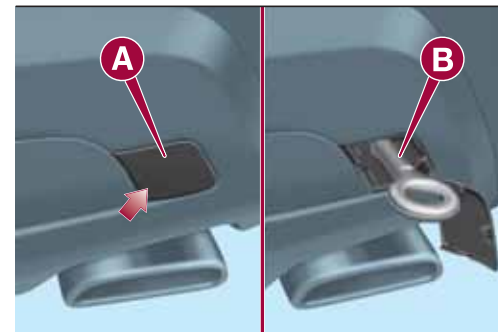
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Rear

Proceed as follows:

- ❑ release cap A fig. 137, operating in the point shown by the arrow;
- ❑ take tow hook B and screw it fully onto the rear threaded pin



137

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WARNING

153) For versions with key without remote control, before towing, turn the ignition key to MAR and then to STOP without removing it. The steering column will automatically lock when the key is removed and the wheels cannot be steered. Also check that the gearbox is in neutral (on versions equipped with automatic transmission, check that the gear lever is in N position). For versions with electronic key, bring the ignition device to MAR and then to STOP, without opening the door.

154) *The brake servo and the electromechanical power steering will not work while the vehicle is being towed. You will therefore need to apply more force on the brake pedal and steering wheel. Do not use flexible cables when towing, and avoid jerky movements. While towing, make sure that the trailer hitch does not damage any components it is touching. When towing the vehicle, you must comply with all specific traffic regulations and adopt an appropriate driving behaviour. Do not start the engine while towing the vehicle. Before tightening the ring, clean the threaded housing thoroughly. Make sure that the ring is fully fastened in the housing before towing the vehicle.*

155) *The front and rear tow hooks should be used only for emergencies on the road. You are allowed to tow the vehicle for short distances using an appropriate device in accordance with the highway code (a rigid bar), to move the vehicle on the road in readiness for towing or transport via a breakdown vehicle. 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 maintenance 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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| ENGINE COMPARTMENT | 156 |
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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, for versions/markets, where provided, at fixed time intervals, as described in the Scheduled Servicing Plan.

Regardless of the above, it is always necessary to carefully follow the instructions in the Scheduled Servicing Plan (e.g. periodically check level of liquids, tyre pressure, etc.).

Scheduled Servicing is offered by all Fiat Dealerships according to fixed time or kilometres/miles intervals. If, during each operation, in addition to the ones scheduled, the need arises for further replacements or repairs, these may be carried out with your explicit agreement only. If your vehicle is used frequently for towing, the interval between one service operation and the next should be reduced.

IMPORTANT

The Scheduled Servicing services are set out by the Manufacturer. Failure to comply with the schedule may invalidate the warranty.

It is advisable to inform a Fiat Dealership of any small operating irregularities without waiting for the next service.



SCHEDULED SERVICING PLAN (1.4 Turbo MultiAir 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 quick tyre repair kit recharge expiry date (where provided) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Check operation of lighting system (headlights, direction indicators, hazard warning lights, boot, passenger compartment, glove compartment, instrument panel warning lights, etc.) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Check and, if necessary, top up fluid levels (engine coolant, hydraulic clutch/brakes, screen washer, battery, etc.) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Check exhaust emissions/smokiness | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Use the diagnosis socket to check engine management system operation, emissions and, for versions/markets, where provided, engine oil degradation | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Visually inspect conditions of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.) | | ● | | ● | | ● | | ● | | ● |
| Check windscreen and rear window wiper blade position/wear | ● | | ● | | ● | | ● | | ● | |

| 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 operation of the wiper/washer system and adjust jets, if necessary | ● | | ● | | ● | | ● | | ● | |
| Check cleanliness of bonnet and boot locks, as well as cleanliness and lubrication of linkages | | ● | | ● | | ● | | ● | | ● |
| 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 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Visual check of accessory drive belt(s) (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 | | | | ● | | | | | | |
| Change engine oil and replace oil filter (1) | | ● | | ● | | ● | | ● | | ● |
| Replace spark plugs (2) | | ● | | ● | | ● | | ● | | ● |

(1) If the vehicle's annual mileage is less than 10,000 km, the engine oil and filter must be replaced every year.

(2) For 1.4 Turbo MultiAir 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" chapter); strictly comply with the replacement intervals in the Scheduled Servicing Plan. It is advisable to contact a Fiat Dealership for plug replacement.



| Thousands of miles | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
|---|----|----|----|----|----|----|-----|-----|-----|-----|
| Thousands of kilometres | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 |
| Years | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Replace accessory drive belt(s) (3) | | | | | | | | | | |
| Replace toothed timing drive belt (3) | | | | | | | | | | |
| Replace air cleaner cartridge (4) | | ● | | ● | | ● | | ● | | ● |
| Change the brake fluid | | ● | | ● | | ● | | ● | | ● |
| Replace passenger compartment cleaner (4) (O) (●) | O | ● | O | ● | O | ● | O | ● | O | ● |

(3) 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 (cold climates, town use, long periods of idling): recommended maximum mileage 60,000 km. Regardless of the mileage, the belt must be replaced every 4 years.

(4) 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 (1.6 E.torQ 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 quick tyre repair kit recharge expiry date (where provided) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Check operation of lighting system (headlights, direction indicators, hazard warning lights, boot, passenger compartment, glove compartment, instrument panel warning lights, etc.) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Check and, if necessary, top up fluid levels (engine coolant, hydraulic clutch/brakes, screen washer, battery, etc.) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Check exhaust emissions/smokiness | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Use the diagnosis socket to check engine management system operation, emissions and, for versions/markets, where provided, engine oil degradation | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Visually inspect conditions of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.) | | ● | | ● | | ● | | ● | | ● |
| Check windscreen and rear window wiper blade position/wear | ● | | ● | | ● | | ● | | ● | |



| 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 operation of the wiper/washer system and adjust jets, if necessary | ● | | ● | | ● | | ● | | ● | |
| Check cleanliness of bonnet and boot locks, as well as cleanliness and lubrication of linkages | | ● | | ● | | ● | | ● | | ● |
| 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 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Visual check of accessory drive belt(s) (versions without automatic tensioner) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Check tension of accessory drive belt (versions without automatic tensioner) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Change engine oil and replace oil filter | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Replace the spark plugs | | ● | | ● | | ● | | ● | | ● |
| Replace accessory drive belt(s) | | | | | ● | | | | | |
| Replace air cleaner cartridge (1) | | ● | | ● | | ● | | ● | | ● |
| Change the brake fluid | | ● | | ● | | ● | | ● | | ● |

| 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 passenger compartment cleaner (1) (O) (●) | O | ● | O | ● | O | ● | O | ● | O | ● |

(1) 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 (1.6 MultiJet and 2.0 MultiJet 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 quick tyre repair kit recharge expiry date (where provided) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Check operation of lighting system (headlights, direction indicators, hazard warning lights, boot, passenger compartment, glove compartment, instrument panel warning lights, etc.) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Check and, if necessary, top up fluid levels (engine coolant, hydraulic clutch/brakes, screen 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 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Visually inspect conditions of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.) | ● | | ● | | ● | | ● | | ● | |
| Check windscreen and rear window wiper blade position/wear | ● | | ● | | ● | | ● | | ● | |

| 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 operation of the wiper/washer system and adjust jets, if necessary | ● | | ● | | ● | | ● | | ● | |
| Check cleanliness of bonnet and boot locks, as well as cleanliness and lubrication of linkages | | ● | | ● | | ● | | ● | | ● |
| 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 | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Visual check of accessory drive belt(s) (versions without automatic tensioner) | | | | ● | | | | | | |
| Check tension of accessory drive belt (versions without automatic tensioner) | | | ● | | | | | | ● | |
| Visually inspect conditions of toothed timing drive belt | | | ● | | | | | | ● | |
| Check drive transmission idler unit oil level (PTU) (4x4 versions) | | | ● | | | | ● | | | |
| Check rear differential oil level (4x4 versions) | | | ● | | | | ● | | | |
| Change engine oil and replace the oil filter (versions with DPF) (2) | | | | | | | | | | |

(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. If the vehicle is mainly used in towns and cities, change the engine oil and filter every year.



| 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 accessory drive belt(s) (3) | | | | | | | | | | |
| Replace toothed timing drive belt (3) | | | | | | | | | | |
| Replace fuel filter cartridge (4) | | | ● | | | ● | | | ● | |
| Replace air cleaner cartridge (5) | | ● | | ● | | ● | | ● | | ● |
| Change brake fluid (or every 2 years) | | ● | | ● | | ● | | ● | | ● |
| Replace passenger compartment cleaner (5) (○) (●) | ○ | ● | ○ | ● | ○ | ● | ○ | ● | ○ | ● |

(3) 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 (cold climates, town use, long periods of idling): recommended maximum mileage 60,000 km. Regardless of the mileage, the belt must be replaced every 4 years.

(4) If the vehicle runs on fuel with quality below the relevant European specification, this filter must be replaced every 20,000 km

(5) If the vehicle is used in dusty areas, this cleaner must be replaced every 20,000 km.

(○) Recommended operations

(●) Mandatory operations

PERIODIC CHECKS

Every **1,000** km or before long trips check and, if necessary, top up:

- ☐ engine coolant level;
 - ☐ brake fluid level;
 - ☐ windscreen washer fluid level;
 - ☐ tyre inflation pressure and condition;
 - ☐ operation of lighting system (headlights, direction indicators, hazard warning lights, etc.);
 - ☐ operation of screen washer/wiper system 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 mainly under one of the following conditions:

- ☐ towing a trailer or motorhome;
 - ☐ 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 boot locks, cleanliness and lubrication of linkage;
- ☐ visually inspect conditions of: engine, gearbox, transmission, pipes and hoses (exhaust/fuel system/brakes) and rubber elements (boots/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.

On versions equipped with automatic transmission AT9, change the transmission oil and replace filters after 90,000 km (or 2 years) if the vehicle is used in the following conditions: city driving, short and repeated journeys (less than 7-8 km) or frequent towing of trailers or caravans.



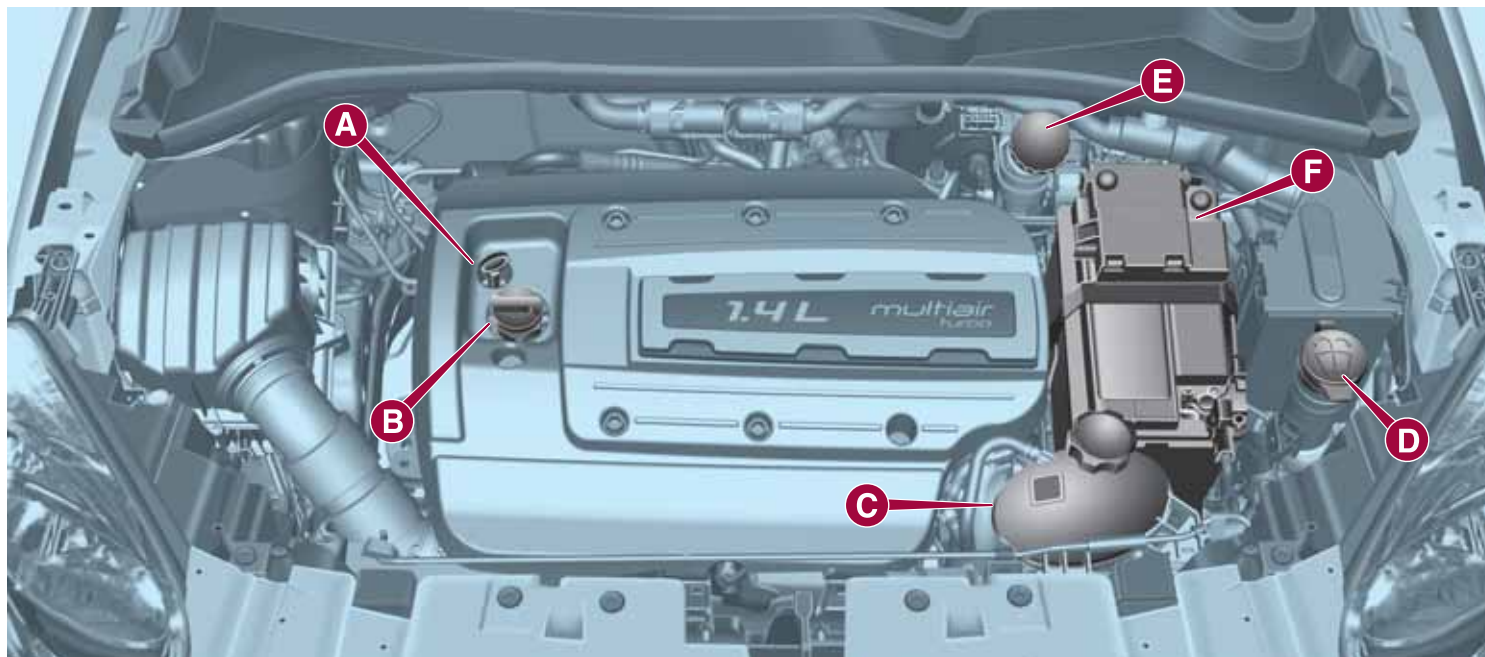
ENGINE COMPARTMENT

CHECKING LEVELS

156) 157)

58)

1.4 Turbo MultiAir versions

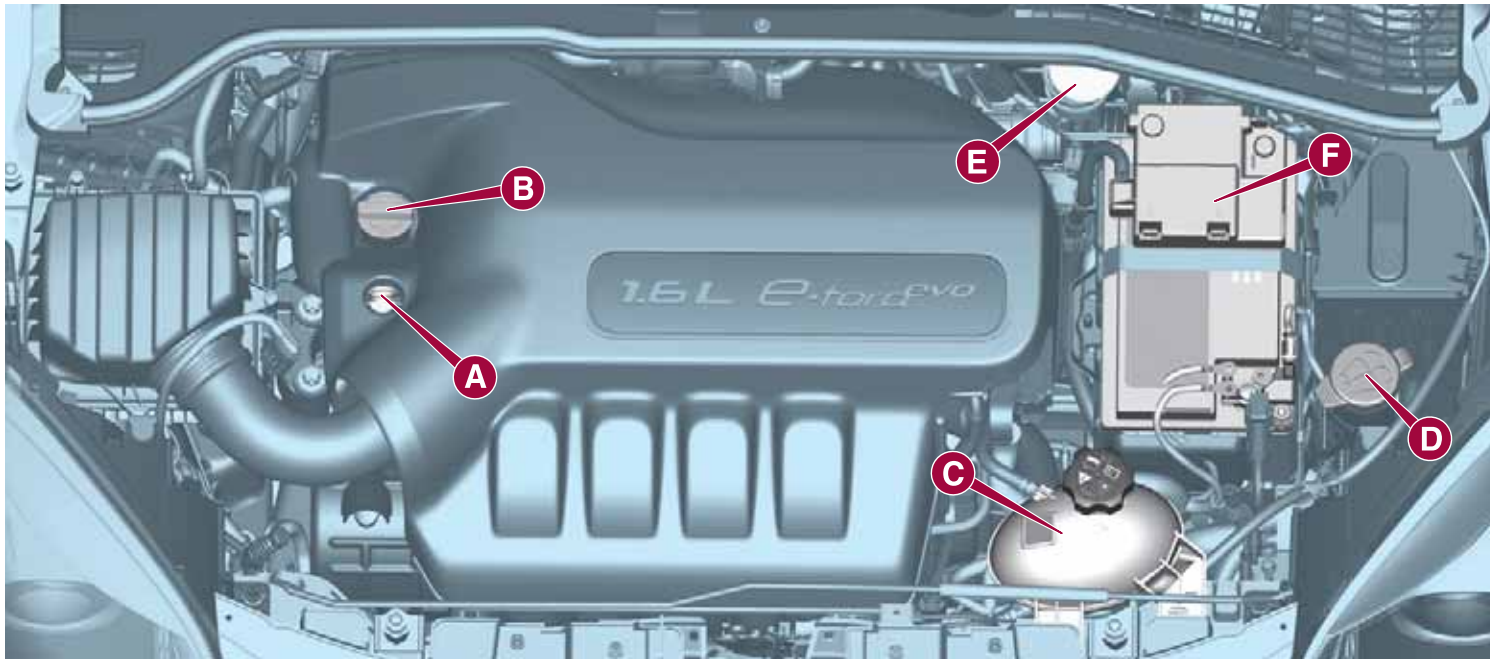


I 38

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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 E.torQ versions



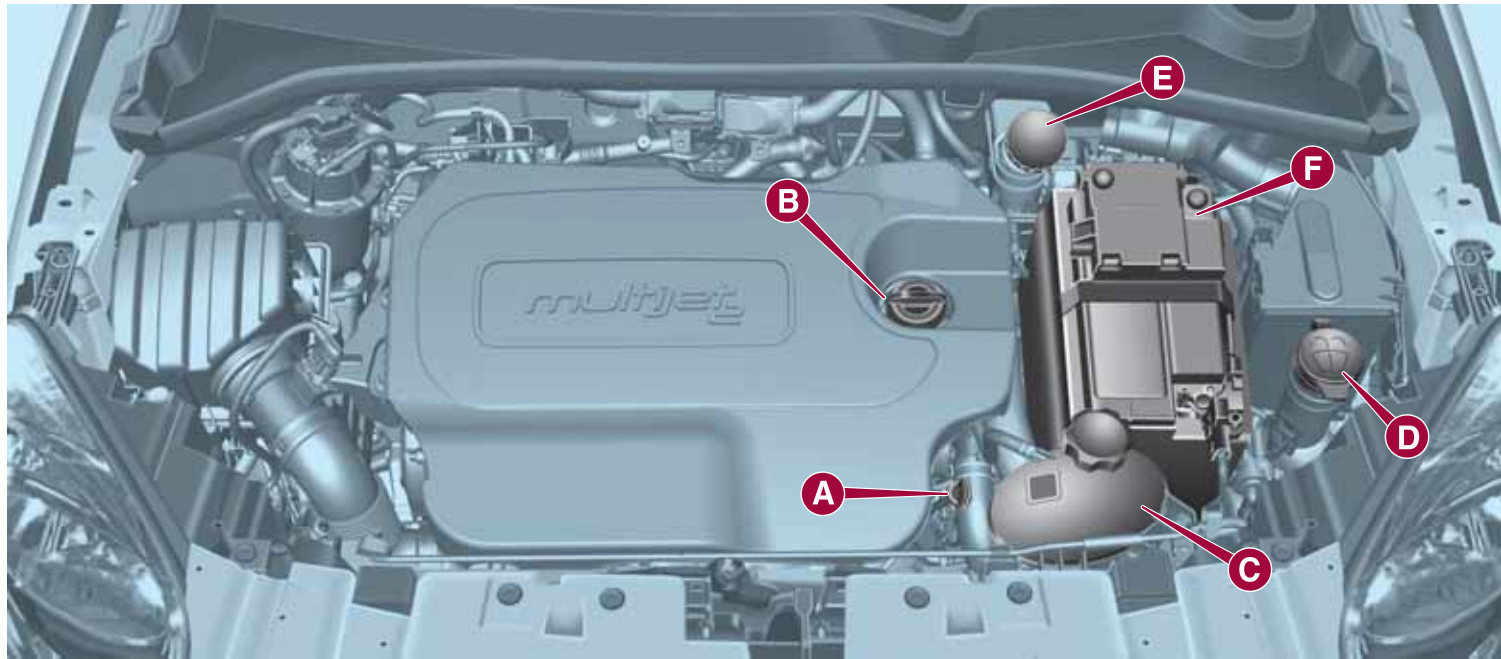
139

F1B0234C

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 MultiJet versions

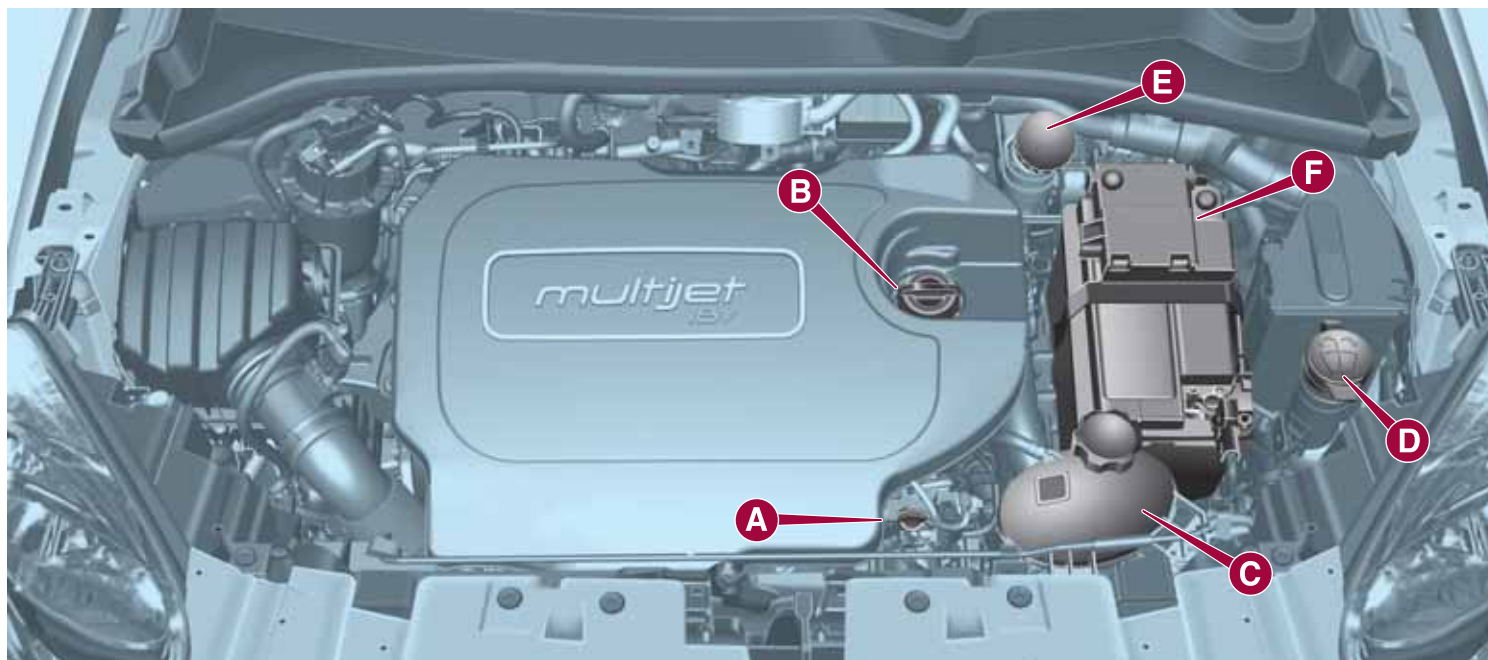


I 40

F1B0172C

A. Engine oil dipstick – B. Engine oil cap/filler – C. Engine coolant – D. Windscreen/rear window washer fluid – E. Brake fluid – F. Battery

2.0 16V MultiJet versions



141

F1B0173C

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

158)



59)

Check the oil level a few minutes (about 5) after the engine has stopped, with the vehicle parked on level ground.

Check that the oil level is between the MIN and MAX references on the dipstick A.

If the oil level is near or under the MIN reference, add oil through the filler B until it reaches the MAX reference.

Take out the engine oil dipstick A, clean it with a lint-free cloth and reinsert it.

Extract it again and check that the level is between the MIN and MAX marks on the dipstick.

Engine oil consumption

60)



4)

The maximum engine oil consumption is usually 400 grams every 1,000 km.

When the vehicle is new, the engine needs to be run in; therefore the engine oil consumption can only be considered stabilised after the first 5,000 - 6,000 km.

IMPORTANT After adding or changing the oil, let the engine turn over for a few seconds and wait a few minutes after turning it off before you check the level.

ENGINE COOLANT

159)



61)

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

160) 161)

If the level is too low, lift reservoir cap D and add the fluid described in the chapter "Technical Specifications".

IMPORTANT The headlight washer system (present) will not operate when the fluid level is low, even though the windscreen/rear window washer continues to operate.

BRAKE FLUID

162) 163)



62)

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 chapter "Technical Specifications".

IMPORTANT Carefully clean the cap of the reservoir and the surrounding surface. Take great care to ensure that impurities do not enter the reservoir when the cap is opened.

For topping-up, always use a funnel with integrated filter with mesh equal to or lower than 0.12 mm.

IMPORTANT Brake fluid is hygroscopic (i.e. it absorbs moisture). For this reason, if the vehicle is mainly used in areas with a high degree of atmospheric humidity, the fluid should be replaced at more frequent intervals than specified in the "Scheduled Servicing Plan".

AUTOMATIC TRANSMISSION ACTIVATION SYSTEM OIL

5)

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

BATTERY



 164) 165) 166)

 63)

 6)

The battery does not require the electrolyte to be topped up with distilled water.

A periodic check carried out at a Fiat Dealership is, however, necessary to check efficiency.

Replacing the battery

If necessary, replace the battery with another original battery with the same specifications. Follow the battery Manufacturer's instructions for maintenance.

USEFUL ADVICE FOR EXTENDING THE LIFE OF YOUR BATTERY

Useful advice for extending the life of your battery

To avoid draining your battery and make it last longer, observe the following instructions:

☐ when you park the vehicle, ensure that the doors, tailgate and bonnet are closed properly, to prevent any lights from remaining on inside the passenger compartment;

☐ switch off all roof lights inside the vehicle: the vehicle is however equipped with a system which switches all interior lights off automatically;

☐ do not keep accessories (e.g. radio, hazard warning lights, etc.) switched on for a long time when the engine is not running;

☐ before performing any operation on the electrical system, disconnect the negative battery cable.

If, after purchasing the vehicle, you wish to install electrical accessories which require permanent electrical supply (e.g. alarm, etc.) or accessories which influence the electrical supply requirements, contact a Fiat Dealership, whose qualified staff will evaluate the overall electrical consumption.

 64)

IMPORTANT After the battery is disconnected, the steering must be initialised. The  warning light on the instrument panel (or symbol on the display) switches on to indicate this. To carry out this procedure, simply 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. The battery is also more prone to the risk of freezing (at temperatures of -10°C). Refer to the "Vehicle inactivity" paragraph in "Starting and driving" chapter if the vehicle is left parked for a long time.



WARNING

156) *Never smoke when performing operations in the engine compartment. Flammable gases and fumes may be present and risk igniting.*

157) *Be very careful when working in the engine compartment when the engine is hot: you may get burned.*

158) *If the engine oil is being topped up, wait for the engine to cool down before loosening the filler plug, particularly for vehicles with aluminium plug (where provided). CAUTION: risk of burns!*

159) *The cooling system is pressurised. If the cap needs replacing, do so with another original or the effectiveness of the system may be compromised. Do not remove the cap from the reservoir when the engine is hot: danger of scalding.*



160) Do not travel if the windscreen washer reservoir is empty: using the windscreen washer is essential for improving visibility. Repeated operation of the system without fluid could damage or cause rapid deterioration of some system components.

161) Certain commercial additives for windscreen washer fluids are inflammable. The engine compartment contains hot components which may set it on fire.

162) 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. In the case of swallowing immediately call a doctor.

163) The symbol , which is on the container, indicates a synthetic brake fluid, which is different from a mineral fluid. Use of a mineral-based fluid will damage the special rubber seals of the braking system beyond repair.

164) Battery fluid is poisonous and corrosive. Avoid contact with the skin and eyes. Keep naked flames or possible sources of sparks away from the battery: risk of explosion or fire.

165) Using the battery when the fluid is too low can damage it irreparably and generate a risk of explosion.

166) When performing any operation on the battery or near it, always protect your eyes with special goggles.



WARNING

58) 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.

59) The oil level should never exceed the MAX mark.

60) Do not add oil with specifications other than those of the oil already in the engine.

61) PARAFLU^{UP} anti-freeze is used in the engine cooling system. Use fluid of the same type as that contained in the cooling system for any top-ups. PARAFLU^{UP} cannot be mixed with any other type of fluid. If this happens, do not start the engine under any circumstances and contact a Fiat Dealership.

62) Avoid allowing brake fluid, which is extremely corrosive, to come into contact with painted areas. Should it happen, wash immediately with water.

63) 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.

64) 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) The used engine oil and the filter that has been replaced contain substances that are harmful to the environment. It is advisable 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



IMPORTANT

IMPORTANT The battery recharging procedure is given as information only. To carry out this operation contact a Fiat Dealership.

IMPORTANT After setting the ignition device 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 The cables of the electrical system must be 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.

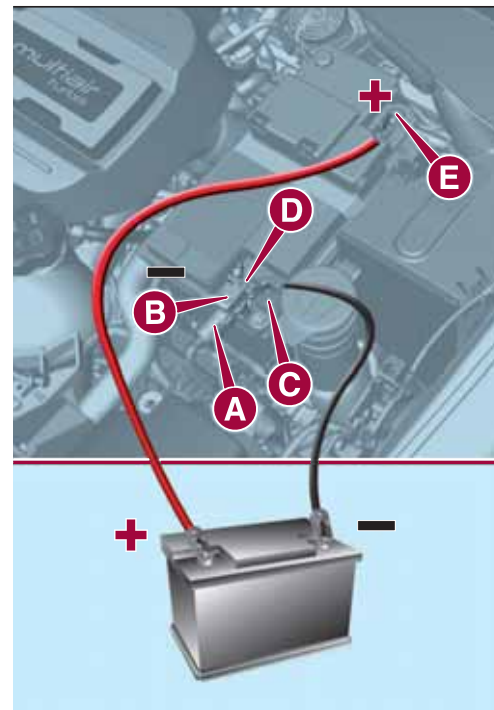
VERSIONS WITHOUT START&STOP SYSTEM

To recharge, proceed as follows:

- ☐ disconnect the terminal from the negative battery pole;
- ☐ connect the charger cables to the battery terminals, observing the polarity;
- ☐ turn on the charger;
- ☐ when it is recharged, turn the charger off before disconnecting it from the battery;
- ☐ reconnect the negative battery terminal.

VERSIONS WITH START&STOP SYSTEM

To recharge, proceed as follows:



- 142 F1B0300C
- ☐ disconnect the connector A fig. 142 (pressing the button B) from the sensor C monitoring the battery conditions, on the negative pole (-) D of the battery;
 - ☐ connect the positive cable (+) of the battery charger to the positive battery terminal E and the negative cable (-) to sensor terminal D as shown;



- ❑ turn on the battery charger. At the end of the charging process, switch the battery charger off;
- ❑ after having disconnected the charging device, reconnect connector A to the sensor C as shown.

SERVICING PROCEDURES



65) 66) 67)

The following pages contain the rules on the **required** maintenance envisaged by the technical personnel who designed the vehicle.

In addition to these specific maintenance instructions specified for routine scheduled servicing, there are other components which may require intervention or replacements over the vehicle's life cycle.

ENGINE OIL



68)

Engine oil level check

To ensure correct engine lubrication, the oil must always be kept at the prescribed level (see "Engine compartment" in this chapter).

AIR CLEANER



167)

Replacing the air cleaner

See the "Scheduled servicing plan" for the correct servicing intervals. It is advisable to replace it with a genuine spare part, designed especially for this vehicle.

AIR CONDITIONING SYSTEM MAINTENANCE



69) 70)

To ensure the best possible performance, the air conditioning system must be checked and undergo maintenance at a Fiat Dealership at the beginning of the summer.

WINDOWS

When cleaning the heated windscreen and rear window be careful, if the defrosting function is active, regarding the temperature of the glass; also make sure that children do not come into contact with the heated surface. The glass may be hot.

Never use an abrasive detergent to clean the surface of the windows. Do not use scrapers or sharp items that might scratch the windows. Spray the detergent on the cloth to be used for cleaning the rear view mirror. Do not spray the detergent directly on the glass. Cleaning the window with hot water could cause the removal of any labels.

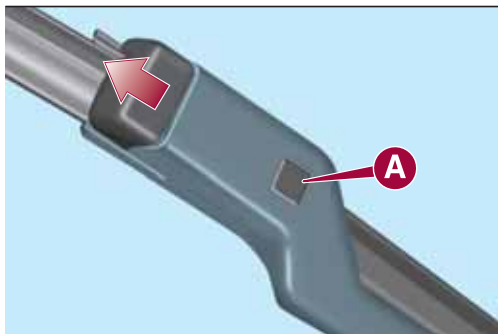
WINDSCREEN/REAR WINDOW WIPER



Replacing the windscreen wiper blades

Proceed as follows:

- ❑ raise the wiper arm, press button A fig. 143 of the attachment spring and remove the blade from the arm;



143

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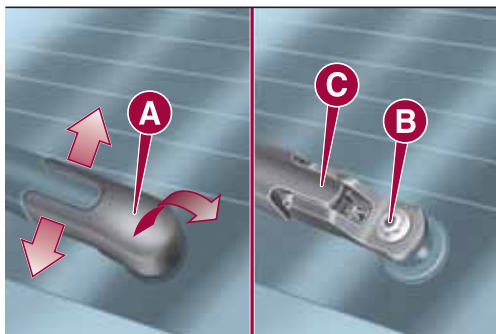
- ❑ fit the new blade, inserting the tab in the dedicated housing in the arm and checking that it is locked;
- ❑ lower the wiper arm on the windscreen.

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

Replacing the rear window wiper blade

Proceed as follows:

- ❑ widen the two tabs as shown by the arrows and rotate cover A fig. 144 outwards;
- ❑ undo nut B and remove arm C from the central pin;
- ❑ correctly align the new arm;
- ❑ fully tighten nut B and then refit cover A.



144

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IMPORTANT Do not operate the rear window wiper with the blade lifted from the rear window.

Windscreen washer

The window washer nozzles are fixed. If there is no jet of fluid, firstly check that there is fluid in the reservoir (see paragraph "Engine compartment" in this chapter). Only use the prescribed fluid; do not use only water.

Then check that the nozzle holes are not clogged; use a needle to unblock them if necessary.

IMPORTANT In versions with sun roof, make sure that the roof is closed before operating the windscreen washer nozzles.

Rear window washer

The rear window washer nozzle is fixed. The jet nozzle is located at the side of the third brake light.

EXHAUST SYSTEM



168) 169)

71)

Adequate maintenance of the engine exhaust system represents the best protection against leaks of carbon monoxide into the passenger compartment.

AUTOMATIC TRANSMISSION



72)

Use only a gearbox fluid with the same characteristics as those indicated in the "Fluids and lubricants" table (see "Technical specifications" chapter).





WARNING

167) The air intake system (air cleaner, rubber hoses, etc.) can be a protection in the case of blowbacks from the engine. **DO NOT REMOVE** this system unless you need to carry out repair or servicing operations. Before starting the engine make sure the system is not dismantled: failure to comply with this precaution may cause serious injuries.

168) Exhaust emissions are very dangerous and may be fatal. They contain carbon monoxide, a colourless and odourless gas which, if inhaled, may cause fainting and poisoning.

169) The exhaust system can reach high temperatures and cause a fire if the vehicle is parked on flammable material. Dry grass or leaves can also catch fire if they come into contact with the exhaust system. Do not park or use the vehicle in a place in which the exhaust system might come into contact with flammable material.



WARNING

65) It is recommended to have the vehicle serviced by a Fiat Dealership. When carrying out normal periodic operations and small servicing interventions personally on the vehicle, it is recommended to use suitable equipment, genuine spare parts and the necessary fluids. Do not carry out any interventions if you don't have the necessary experience.

66) Incorrect maintenance of the vehicle or failure to carry out operations or repairs (when necessary) may lead to more expensive repairs, damage to other components or have a negative impact on the vehicle performance. Have any operating faults immediately checked by a Fiat Dealership.

67) The vehicle is equipped with fluids optimised for protecting its performance and duration, and to extend servicing intervals. Do not use chemicals for washing these components since they may damage the engine, the gearbox or the climate control system. This damage is not covered by the vehicle's warranty. If, due to malfunction of a component, washing is needed, only use the fluid specific for that procedure.

68) An excessive or insufficient amount of oil in the block is extremely harmful for the engine. Make sure it is always at an adequate level.

69) Always require the use of only compressor coolants and lubricants approved and suitable for the specific air conditioning system fitted on the vehicle. Some non-approved coolants are flammable and may explode, with the risk of injuries. The use of non-approved coolants or lubricants may adversely affect system efficiency, leading to expensive repairs.

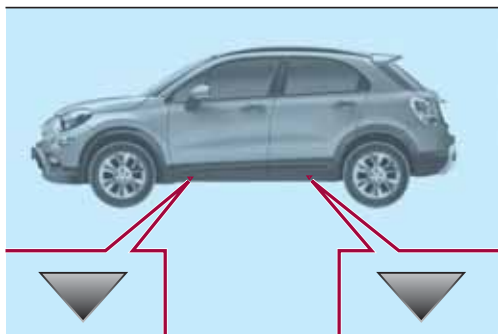
70) The air conditioning system contains high-pressure coolant: to prevent damage to people or the system, any topping up with fuel or repairs that involves disconnection of the pipes must be carried out by a Fiat Dealership.

71) Vehicles equipped with a catalytic converter must be exclusively supplied with unleaded petrol. Leaded petrol would permanently damage the catalytic converter and eliminate its ability to reduce polluting emissions, seriously compromising the engine performance, which would be irreparably damaged. If the engine does not work correctly, especially if it starts irregularly or if there is a reduction of its performance, immediately go to a Fiat Dealership. Prolonged and faulty operation of the engine may cause overheating of the catalytic converter and, as a consequence, possible damage to it and the vehicle.

72) Using a gearbox fluid different from the prescribed one may compromise gearshifting quality and/or cause anomalous vibration of the gearbox.

LIFTING THE VEHICLE

If the vehicle needs to be jacked up, go to a Fiat Dealership, which is equipped with shop jacks and jack arms. The vehicle lifting points are marked on the side skirts with the ▽ symbols (see illustration in fig. 145).



145

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WHEELS AND TYRES



170) 171) 172) 173)

RIMS AND TYRES

For the type of wheel rims and tyres fitted on the vehicle see the "Wheels" paragraph in the "Technical data" chapter.

SNOW CHAINS



73)

Front Wheel Drive and All Wheel Drive versions

7-mm snow chains can be used on 215/60 R16 95H and 215/55 R17 94V tyres.
225/45 R18 91V and 225/45 R18 91Y tyres cannot be fitted with snow chains.

Important

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. The snow chains may be applied only to the front wheel tyres. Check the tension of the snow chains after the first few metres have been driven.

IMPORTANT Using snow chains with tyres with non-original dimensions may damage the vehicle.

IMPORTANT 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.

SUGGESTIONS ABOUT THE ROTATION OF THE TYRES



174)

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. Tyre rotation means moving the wheels to a different position, with respect to the vehicle. The single wheel will therefore operate on a different axle and, where possible, on the opposite side of the vehicle.

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 identify the cause and correct it as soon as possible, by contacting a Fiat Dealership.



WARNING

170) Remember that the vehicle's road holding depends on correct tyre pressures.

171) If the pressure is too low, the tyre will overheat and could be seriously damaged.

172) Avoid switching one-way tyres from the right side of the vehicle to the left side and vice versa. This type of tyres can only be switched from the front axle to the rear axle and vice versa, keeping them on the same side of the vehicle.

173) Never submit alloy rims to repainting treatments requiring the use of temperatures exceeding 150°C. The mechanical properties of the wheels could be impaired.

174) The wheel rotation methods shown in the text must NOT be used with one-way tyres! This type of tyres can only be switched from the front axle to the rear axle and vice versa, keeping them on the same side of the vehicle.



WARNING

73) 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 vehicle and the road surface.

BODYWORK



PRESERVING THE BODYWORK

Paintwork



74)



7)

Touch up abrasions and scratches immediately to prevent the formation of rust.

Maintenance of paintwork consists of washing the vehicle: the frequency depends on the conditions and environment in which the vehicle is used. For example, it is advisable to wash the vehicle more often in areas with high levels of atmospheric pollution or salted roads.

Some parts of the vehicle may be covered with a matt paint which, in order to be maintained intact, requires special care: see the instructions in the warning at the end of this paragraph  **75).**

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 if possible;

❑ 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 leather. Dry the less visible parts (e.g. door frames, bonnet, headlight frames, etc.) with special care, as water may stagnate more easily in these areas. Do not wash the vehicle after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork.

Exterior plastic parts must be cleaned in the same way as the rest of the vehicle.

IMPORTANT

Avoid parking under trees; the resin dropped by trees makes the paintwork go opaque and increases the possibility of corrosion.

Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.

Windows

Use specific detergents and clean cloths to prevent scratching or altering the transparency.

IMPORTANT Wipe the rear window inside gently with a cloth following the direction of the filaments to avoid damaging the heating device.

Headlights

Use a soft cloth soaked in water and detergent for washing cars.

IMPORTANT Never use aromatic substances (e.g. petrol) or ketones (e.g. acetone) for cleaning the plastic lenses of the headlights.

IMPORTANT When cleaning with a pressure washer, keep the water jet at least 20 cm away from the headlights.

Engine compartment

At the end of every winter, wash the engine compartment thoroughly, taking care not to aim the jet of water directly at the electronic control units or at the windscreen/rear window wiper motors. Have this operation performed at a specialised workshop.

IMPORTANT The washing should take place with the engine cold and the ignition device in the STOP position. After the washing operation, make sure that the various protections (e.g. rubber caps and guards) have not been removed or damaged.



**WARNING**

74) In order to preserve the aesthetic appearance of the paint abrasive products and/or polishes should not be used for cleaning the vehicle.

75) 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 cause water pollution. The vehicle should be washed in areas equipped for collecting and purifying the liquid used in the washing process.

INTERIORS

175) 176) 177)

Periodically check the cleanliness of the interior, beneath the mats, which could cause oxidation of the sheet metal.

SEATS AND FABRIC PARTS

Remove dust with a soft brush or a vacuum cleaner. It is advisable to use a moist brush on velvet upholstery. Rub the seats with a sponge moistened with a solution of water and mild soap.

LEATHER SEATS

(where provided)

Remove the dry dirt with a slightly damp buckskin or cloth, without exercising too much pressure. Remove any liquid or grease stains using an absorbent dry cloth, without rubbing. Then clean with a soft cloth or buckskin cloth dampened with water and mild soap. If the stain persists, use specific products and observe the instructions carefully.

IMPORTANT Never use alcohol. Make sure that the cleaning products used contain no alcohol or alcohol derivatives, even in small quantities.

PLASTIC AND COATED PARTS

76)

Clean interior plastic parts with a damp cloth (if possible made from microfibre), and a solution of water and neutral, non-abrasive detergent.

To clean oily or persistent stains, use specific products free from solvents and designed to maintain the original appearance and colour of the components.

Remove any dust using a microfibre cloth, if necessary moistened with water. The use of paper tissues is not recommended as these may leave residues.

GENUINE LEATHER PARTS

(where provided)

Use only water and mild soap to clean these parts. Never use alcohol or alcohol-based products.

Before using a specific product for cleaning interiors, make sure that it does not contain alcohol and/or alcohol-based substances.



WARNING

175) Never use flammable products, such as petroleum ether or modified petrol, to clean the inside of the vehicle. The electrostatic charges which are generated by rubbing during cleaning may cause a fire.

176) Do not keep aerosol cans in the vehicle: they might explode. Aerosol cans must not be exposed to a temperature exceeding 50°C. When the vehicle is exposed to sunlight, the internal temperature can greatly exceed this value.

177) 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.



WARNING

76) Never use alcohol, petrols and derivatives to clean the dashboard and instrument panel lens.



TECHNICAL SPECIFICATIONS



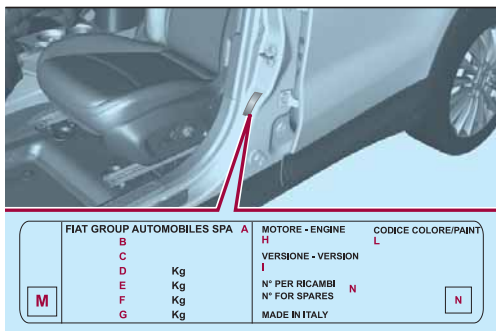
Everything you may find useful for understanding how your vehicle is made and works is contained in this chapter and illustrated with data, tables and graphics. For the enthusiasts and the technician, but also just for those who want to know every detail of their vehicle.

| | |
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IDENTIFICATION DATA

VIN PLATE

It is located on the driver's door pillar. It can be read with the door open and bears the following data fig. 146:



I 46

F1B0330C

- A Name of manufacturer
- B Vehicle type-approval number
- C Vehicle identification number
- D Technically allowed max. weight with full load
- E Technically allowed max. weight for combined vehicle
- F Technically allowed max. weight on axle 1
- G Technically allowed max. weight on axle 2
- H Engine identification
- I Type variant version
- L Paintwork colour code

M Smoke absorption coefficient (diesel versions)

N Further instructions.

CHASSIS MARKING

The Vehicle Identification Number (VIN) is stamped on the plate shown in fig. 147, located on the front left corner of the dashboard cover, which can be seen from outside the vehicle, through the windscreen.



I 47

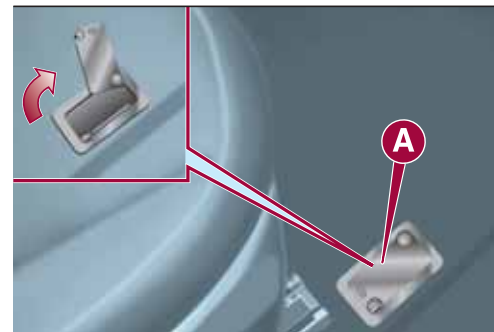
F1B0333C

This number is also stamped on the passenger compartment floor, in front of the front right seat.

To access it, slide flap A fig. 148 in the direction shown by the arrow.

The marking includes:

- ☐ type of vehicle;
- ☐ chassis serial number.



I 48

F1B0058C

ENGINE MARKING

Engine marking is stamped on the cylinder block and includes the model and the chassis serial number.



ENGINE



| Versions | 1.4 Turbo MultiAir | 1.6 E.torQ/ 1.6 E.torQ Stop/Start versions |
|----------------------------------|---|---|
| Type code | 55263624 | 55263842 |
| Cycle | Otto | Otto |
| Number and position of cylinders | 4 in line | 4 in line |
| Piston bore and stroke (mm) | 72 x 84 | 77 x 85.8 |
| Total displacement (cm³) | 1368 | 1598 |
| Compression ratio | 10.0 ± 0.2 | 11 ± 0.15 |
| Maximum power (EEC) (kW) | 103 / 100 (*) | 81 |
| Maximum power (EEC) (HP) | 140 / 136 (*) | 110 |
| corresponding engine speed (rpm) | 5000 | 5500 |
| Maximum torque (EEC) (Nm) | 230 | 152 |
| corresponding engine speed (rpm) | 1750 | 4500 |
| Spark plugs | NGK IKR9J8 | NGK - SINGLE IR - ZKRFBI - 10 JAPAN C128 |
| Fuel | Unleaded petrol 95 RON (EN 228 Specification) | Unleaded petrol 95 RON (EN 228 Specification) |

(*) Version for specific markets

| Versions | 1.6 MultiJet | 2.0 MultiJet manual gearbox | 2.0 MultiJet AT9 automatic transmission |
|---------------------------------------|--|--|--|
| Type code | 55260384 | 55263087 | 55263088 |
| Cycle | Diesel | Diesel | Diesel |
| Number and position of cylinders | 4 in line | 4 in line | 4 in line |
| Piston bore and stroke (mm) | 79.5 x 80.5 | 83 x 90.4 | 83 x 90.4 |
| Total displacement (cm ³) | 1598 | 1956 | 1956 |
| Compression ratio | 16.5 ± 0.4 | 16.5 ± 0.4 | 16.5 ± 0.4 |
| Maximum power (EEC) (kW) | 88 / 84,4 (*) | 103 / 100 (*) | 103 / 100 (*) |
| Maximum power (EEC) (HP) | 120 / 115 (*) | 140 / 136 (*) | 140 / 136 (*) |
| corresponding engine speed (rpm) | 3750 | 4000 | 3750 |
| Maximum torque (EEC) (Nm) | 320 | 350 | 350 |
| corresponding engine speed (rpm) | 1750 | 1750 | 1500 |
| Fuel | Diesel for motor vehicles (EN 590 Specification) | Diesel for motor vehicles (EN 590 Specification) | Diesel for motor vehicles (EN 590 Specification) |

(*) Version for specific markets



WARNING

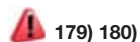
178) Modifications or repairs to the supply system that are not carried out correctly or do not take the system technical specifications into account can cause malfunctions leading to the risk of fire.



WHEELS



RIMS AND TYRES PROVIDED



179) 180)

| Rims | Tyres provided | Winter tyres |
|---------------------|----------------------|------------------------|
| 6 1/2J x 16 H2 ET40 | 215 / 60 R16 95H | 215 / 60 R16 95Q (M+S) |
| 7J x 17 H2 ET40 | 215 / 55 R17 94V (*) | 215 / 55 R17 94Q (M+S) |
| 7J x 18 H2 ET40 | 225 / 45 R18 91V | 225 / 45 R18 91Q (M+S) |
| | 225 / 45 R18 91Y | |

(*) Compulsory tyre for some versions / dedicated markets.

On versions with 215/60 R16 and 215/55 R17 tyres, smaller snow chains can be used, with a maximum projection of 7 mm beyond the tyre profile.

Space-saver wheel (where provided)

Rim: 16 x 4.0

Tyre: T145/90 R16 106M

COLD TYRE INFLATION PRESSURE (bar)

When the tyres are warm, the inflation pressure should be +0.3 bar compared with the prescribed value. 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.

If it is necessary to raise the vehicle, refer to the "Raising the vehicle" paragraph in the "In an emergency" chapter.

| Tyres | Unladen/medium load | | Full load | | Space-saver wheel |
|------------------|---------------------|------|-----------|------|-------------------|
| | Front | Rear | Front | Rear | |
| 215 / 60 R16 95H | 2.4 | 2.4 | 2.6 | 2.6 | 4.2 |
| 215 / 55 R17 94V | 2.4 | 2.4 | 2.6 | 2.6 | |
| 225 / 45 R18 91V | 2.4 | 2.4 | 2.6 | 2.6 | |
| 225 / 45 R18 91Y | 2.4 | 2.4 | 2.6 | 2.6 | |



WARNING

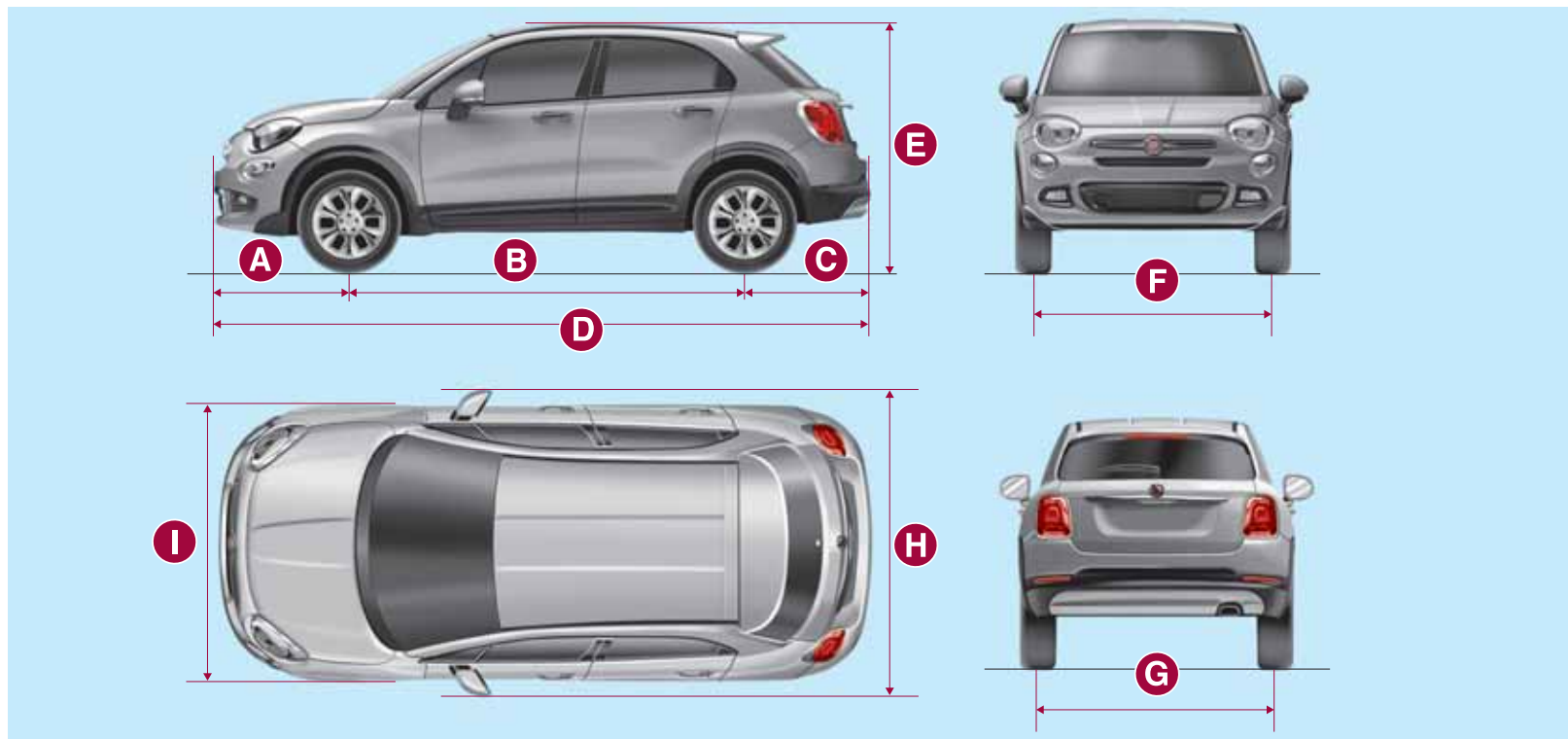
179) If winter tyres with a lower speed rating than that indicated in the Registration Document are used, do not exceed the maximum speed corresponding to the speed rating of the tyres used.

180) DO NOT fit wheel hub caps when using integral hub caps fixed (with springs) to the steel rim and after sale tyres provided with Rim Protector. The use of unsuitable tyres and hub caps may cause sudden loss of tyre pressure.



DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle equipped with its standard-supplied tyres. Height is measured with vehicle unladen. Small variations with respect to the reported values are possible depending on the dimensions of the rims.



149

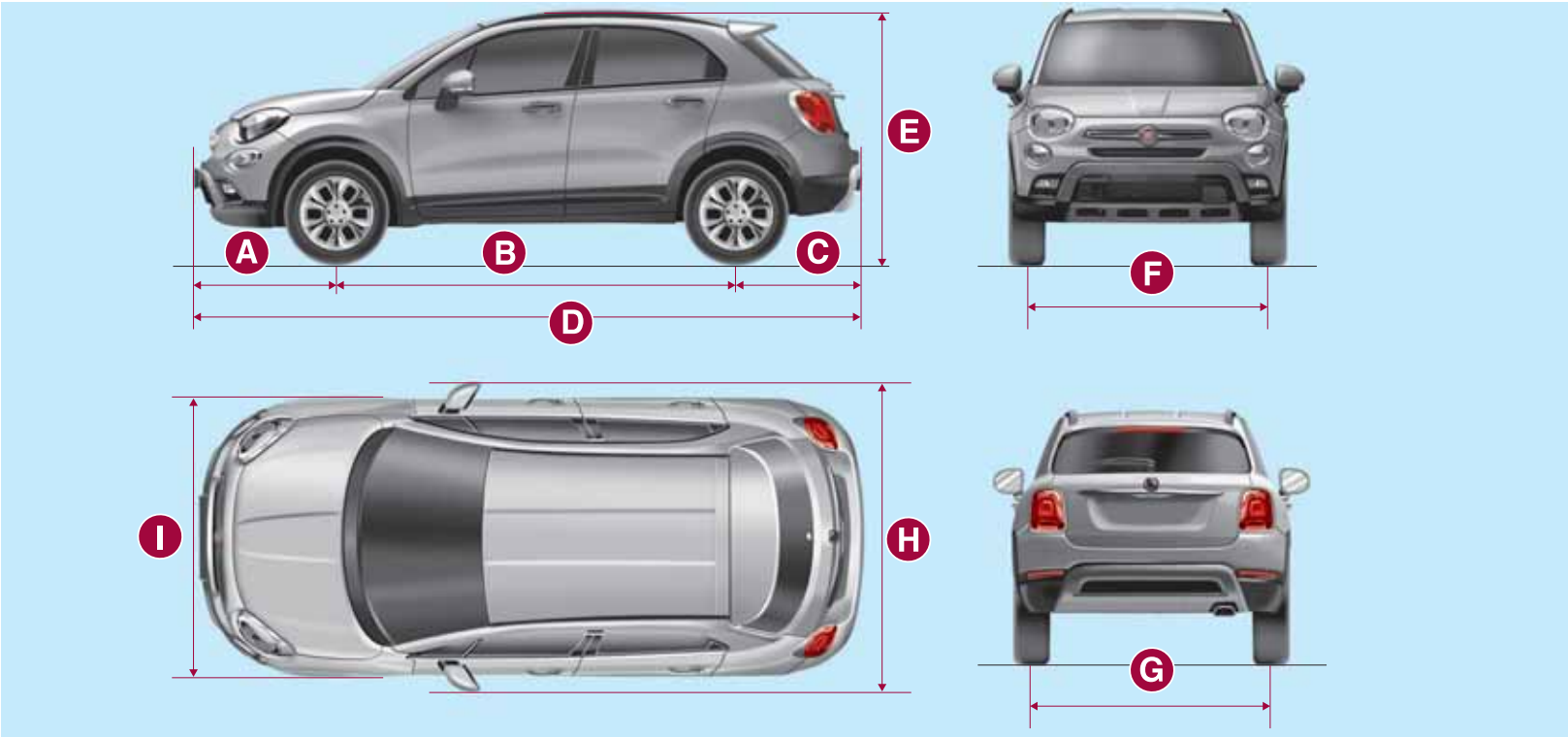
F1B0169C

| A | B | C | D | E | F | G | H | I |
|-----|------|-----|------|-----------------|------|------|------|------|
| 877 | 2570 | 801 | 4248 | 1600 / 1608 (*) | 1545 | 1545 | 2025 | 1796 |

(*) With roof rack bars

Boot volume: 350 litres. With rear seats folded: 1000 litres.

Dimensions are expressed in mm and refer to the vehicle equipped with its standard-supplied tyres. Height is measured with vehicle unladen. Small variations with respect to the reported values are possible depending on the dimensions of the rims.



| 150 | | | | | F1B0170C | | | |
|-----|------|-----|------|-----------------|----------|------|------|------|
| A | B | C | D | E | F | G | H | I |
| 902 | 2570 | 801 | 4273 | 1608 / 1620 (*) | 1545 | 1545 | 2025 | 1796 |

(*) 4x4 versions

Boot volume: 350 litres. With rear seats folded: 1000 litres.

WEIGHTS

| Weights (kg) | 1.4 Turbo MultiAir | 1.6 E.torQ |
|--|--------------------|------------|
| Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment) | 1320 | 1275 |
| Payload including the driver (*) | 555 / 540 (**) | 600 |
| Maximum permitted loads (***) | | |
| – front axle | 1050 | 1050 |
| – rear axle | 900 | 900 |
| – total: | 1875 | 1875 |
| Towable loads | | |
| – braked trailer | 1200 | 800 |
| Maximum load on tow hitch (trailer with brakes) | 60 | 60 |
| Maximum load on roof (****) | 50 | 50 |

(*) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

(**) Version for specific markets

(***) Loads not to be exceeded. The user is responsible for arranging goods in the luggage compartment and/or on the load platform within the maximum permitted loads.

(****) With roof rack bars

| Weights (kg) | 1.6 MultiJet | 2.0 MultiJet manual gearbox | 2.0 MultiJet AT9 automatic transmission |
|--|--------------|-----------------------------|---|
| Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment) | 1320 | 1430 | 1495 |
| Payload including the driver (*) | 555 | 620 | 605 |
| Maximum permitted loads (***) | | | |
| – front axle | 1050 | 1150 | 1150 |
| – rear axle | 900 | 1000 | 1000 |
| – total: | 1875 | 2050 | 2100 |
| Towable loads | | | |
| – braked trailer | 1200 | 1200 | 1200 |
| Maximum load on tow hitch (trailer with brakes) | 60 | 60 | 60 |
| Maximum load on roof (****) | 50 | 50 | 50 |

(*) 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 on the load platform within the maximum permitted loads.

(****) With roof rack bars



SUPPLIES

| | 1.4 Turbo MultiAir | 1.6 E.torQ | Prescribed fuels and original lubricants |
|---|--------------------|------------|--|
| Fuel tank (litres): | 48 | 48 | Unleaded petrol not less than 95 RON (EN 228 specification) |
| including a reserve of (litres): | 5 - 7 | 5 - 7 | |
| Engine cooling system (litres): | 5.2 | 5.6 | Mixture of distilled water and 50% PARAFLU ^{UP} (*) |
| Engine sump (litres): | 3.2 | 4.0 | SELENIA DIGITEK P.E. |
| Engine sump and filter (litres): | 3.6 | 4.3 | |
| Gearbox/differential casing (litres): | 1.8 | 2.0 | TUTELA TRANSMISSION GEARFORCE |
| Hydraulic brake circuit (kg): | 0.83 | 0.83 | TUTELA TOP 4 |
| Windscreen and rear window washer fluid reservoir (litres): | 2.5 | 2.5 | Mixture of water and TUTELA PROFESSIONAL SC35 |

(*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60-40 mixture of PARAFLU^{UP} and demineralised water.

| | 1.6 MultiJet | 2.0 MultiJet
manual
gearbox | 2.0 MultiJet
AT9
automatic
transmission | Prescribed fuels and original lubricants |
|---|--------------|-----------------------------------|--|--|
| Fuel tank (litres): | 48 | 48 | 48 | Diesel for motor vehicles (EN 590 Specification) |
| including a reserve of (litres): | 5 - 7 | 5 - 7 | 5 - 7 | |
| Engine cooling system (litres): | 6.1 | 6.5 | 6.5 | Mixture of distilled water and 50% PARAFLU ^{UP} (*) |
| Engine sump (litres): | 4.4 | 3.9 | 3.9 | SELENIA WR FORWARD |
| Engine sump and filter (litres): | 4.8 | 4.3 | 4.3 | |
| Gearbox/differential casing (litres): | 1.8 | 1.8 | - | TUTELA TRANSMISSION GEARFORCE |
| Gearbox/differential casing (litres): | - | - | 6.0 | TUTELA TRANSMISSION AS8 |
| Idler unit (PTU) (litres): | - | 0.4 | 0.4 | TUTELA TRANSMISSION B-5X |
| Rear differential (litres): | - | 0.6 | 0.6 | TUTELA TRANSMISSION COMPAQ DRIVE |
| Hydraulic brake circuit (kg): | 0.83 | 0.83 | 0.83 | TUTELA TOP 4 |
| Windscreen and rear window washer fluid reservoir (litres): | 2.5 | 2.5 | 2.5 | Mixture of water and TUTELA PROFESSIONAL SC35 |

(*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60-40 mixture of PARAFLU^{UP} and demineralised 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.

| Use | Fluid and lubricant features for a correct use of the vehicle | Original fluids and lubricants | Replacement interval |
|--|---|---|---|
| Lubricant for petrol engines  77) | SAE 0W-30 ACEA C2 grade totally synthetic lubricant. FIAT 9.55535-GS1 classification. | SELENIA DIGITEK P.E.
Contractual Technical Reference no. F020.B12 | According to the Scheduled Servicing Plan |
| Lubricant for diesel engines  77) | SAE 0W-30 ACEA C2 grade totally synthetic lubricant. FIAT 9.55535-DS1 classification. | SELENIA WR FORWARD
Contractual Technical Reference No. F842.F13 | According to the Scheduled Servicing Plan |

In the case of emergency, if lubricants with the prescribed specifications are not available, products with the minimum indicated ACEA performance can be used for topping up; in this case optimal performance of the engine is not guaranteed.

| Use | Fluid and lubricant features for a correct use of the vehicle | Original fluids and lubricants | Applications |
|---|---|--|-------------------------------------|
| Lubricants and greases for drive transmission | Synthetic lubricant. FIAT 9.55550-AV5 classification. | TUTELA TRANSMISSION AS8
Contractual Technical Reference No. F139.111 | AT9 automatic transmission |
| | SAE 75W grade synthetic lubricant. FIAT 9.55550-MZ6 classification | TUTELA TRANSMISSION GEARFORCE
Contractual Technical Reference no. F002.F10 | Manual gearbox and differential |
| | Molybdenum disulphide grease, for use at high temperatures. NL.G.I. 1-2 consistency FIAT 9.55580 classification | TUTELA ALL STAR
Contractual Technical Reference No. F702.G07 | Wheel side constant velocity joints |

| Use | Fluid and lubricant features for a correct use of the vehicle | Original fluids and lubricants | Applications |
|---|---|---|---|
| Lubricants and greases for drive transmission | Grease for constant velocity joints with low friction coefficient. NL.G.I. 0-1 consistency FIAT 9.55580 classification | TUTELA STAR 700
Contractual Technical Reference No. F701.C07 | Differential-side constant velocity joints |
| | SAE 75W-90 API GL5 grade synthetic lubricant. FIAT 9.55550-DA6 classification | TUTELA TRANSMISSION B-5X
Contractual Technical Reference No. F006.814 | Idler unit (PTU - 4x4 versions) |
| | SAE 75W-90 API GL5 grade synthetic lubricant. FIAT 9.55550-DA7 classification | TUTELA TRANSMISSION COMPAQ DRIVE
Contractual Technical Reference No. F007.814 | Rear differential (4x4 versions) |
| Brake fluid | Synthetic fluid for brake and clutch systems. Exceeds specifications: FMVSS no. 116 DOT 4, ISO 4925 SAE J1704 FIAT 9.55597 classification | TUTELA TOP 4
Contractual Technical Reference No. F001.A93 | Hydraulic brakes and hydraulic clutch controls |
| Protective agent for radiators | Red protective agent with antifreeze action, based on inhibited monoethylene glycol with organic formula. Exceeds CUNA NC 956-16, ASTM D 3306 specifications. FIAT 9.55523 classification | PARAFU^{UP} (*)
Contractual Technical Reference No. F101.M01 | Cooling circuit usage percentage: 50% water 50% PARAFU ^{UP} (**) |
| Diesel fuel additive | Additive for diesel with antifreeze and protective action for diesel engines | TUTELA DIESEL ART
Contractual Technical Reference No. F601.L06 | To be mixed with diesel (25 cc per 10 litres) |
| Windscreen/rear window washer fluid | Mixture of spirits and surfactants. Exceeds CUNA NC 956-11 specifications. FIAT 9.55522 classification | TUTELA PROFESSIONAL SC 35
Contractual Technical Reference No. F201.D02 | To be used diluted or undiluted in screen washer/wiper systems |

(*) IMPORTANT Do not top up or mix with other fluids which have different specifications from those described.

(**) When the vehicle is used in particularly harsh weather conditions, we recommend using a mixture of 60% **PARAFU^{UP}** and 40% demineralised water.



WARNING

77) The use of products with specifications different than those indicated above could cause damage to the engine that is not covered by the warranty.



PERFORMANCE

Top speed reachable after the initial period of usage of the vehicle.

| Versions | km/h |
|---|------|
| 1.4 Turbo MultiAir 140 HP | 190 |
| 1.4 Turbo MultiAir 136 HP (*) | 187 |
| 1.6 E.torQ | 180 |
| 1.6 MultiJet 120 HP | 186 |
| 1.6 MultiJet 115 HP (*) | 183 |
| 2.0 MultiJet 140 HP with manual gearbox - 4x4 | 190 |
| 2.0 MultiJet 136 HP with manual gearbox - 4x4 (*) | 187 |
| 2.0 MultiJet 140 HP AT9 automatic transmission - 4x4 | 190 |
| 2.0 MultiJet 136 HP - AT9 automatic transmission - 4x4 (*) | 187 |

(*) Version for specific markets

FUEL CONSUMPTION

The fuel consumption values given in the table below are determined on the basis of the type-approval tests laid down by specific European Directives. The procedures below are followed for measuring consumption:

- *urban cycle*: cold starting followed by driving that simulates urban use of the vehicle;
- *extra-urban cycle*: frequent accelerating in all gears, simulating extra-urban use of the vehicle: speed varies between 0 and 120 km/h;
- *combined fuel consumption*: calculated with a weighting of approximately 37% of the urban cycle and 63% of the extra-urban cycle.

IMPORTANT The type of route, traffic situations, weather conditions, driving style, general conditions of the car, trim level/equipment/accessories, load, climate control system, roof rack, other situations that affect air drag may lead to different fuel consumption levels than those measured. The fuel consumption will get more regular only after having driven the first 3000 km.

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

| Versions | Urban | Extra-urban | Combined |
|---|-------|-------------|----------|
| 1.4 Turbo MultiAir 140 HP | 7.8 | 5.0 | 6.0 |
| 1.4 Turbo MultiAir 136 HP (*) | 7.8 | 5.0 | 6.0 |
| 1.4 Turbo MultiAir 140 HP - 136 HP (**) | 7.6 | 4.9 | 5.9 |
| 1.6 E.torQ 110 HP | 8.7 | 5.0 | 6.4 |
| 1.6 E.torQ 110 HP Stop/Start | 7.8 | 5.0 | 6.0 |
| 1.6 MultiJet 120 HP | 4.7 | 3.8 | 4.1 |
| 1.6 MultiJet 115 HP (*) | 4.7 | 3.8 | 4.1 |
| 1.6 MultiJet 120 HP - 115 HP (**) | 4.4 | 3.8 | 4.0 |
| 2.0 MultiJet 140 HP with manual gearbox - 4x4 | 5.8 | 4.4 | 4.9 |
| 2.0 MultiJet 136 HP with manual gearbox - 4x4 (*) | 5.8 | 4.4 | 4.9 |
| 2.0 MultiJet 140 HP - AT9 automatic transmission - 4x4 | 6.5 | 4.9 | 5.5 |
| 2.0 MultiJet 136 HP - AT9 automatic transmission - 4x4 (*) | 6.5 | 4.9 | 5.5 |

(*) Version for specific markets

(**) Versions with low emission level for special markets



CO₂ EMISSIONS

The CO₂ emission levels given in the following table refer to combined consumption.

| Versions | CO ₂ EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km) |
|---|--|
| 1.4 Turbo MultiAir 140 HP | 139 |
| 1.4 Turbo MultiAir 136 HP (*) | 139 |
| 1.4 Turbo MultiAir 140 HP - 136 HP (**) | 137 |
| 1.6 E.torQ 110 HP | 147 |
| 1.6 E.torQ 110 HP Stop/Start | 139 |
| 1.6 MultiJet 120 HP | 109 |
| 1.6 MultiJet 115 HP (*) | 109 |
| 1.6 MultiJet 120 HP - 115 HP (**) | 107 |
| 2.0 MultiJet 140 HP with manual gearbox - 4x4 | 130 |
| 2.0 MultiJet 136 HP with manual gearbox - 4x4 (*) | 130 |
| 2.0 MultiJet 140 HP - AT9 automatic transmission - 4x4 | 144 |
| 2.0 MultiJet 136 HP - AT9 automatic transmission - 4x4 (*) | 144 |

(*) Version for specific markets

(**) Versions with low emission level for special markets

PRESCRIPTIONS FOR HANDLING THE VEHICLE AT THE END OF ITS LIFE

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

To hand your vehicle over at the end of its life without extra cost, contact one of our dealerships if you are purchasing another vehicle or an FCA-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 infotainment systems:

Uconnect™ 3" Radio, Uconnect™ 5" Radio LIVE, Uconnect™ 5" Radio Nav LIVE and Uconnect™ 6.5" Radio Nav that can be fitted on the vehicle.

MULTIMEDIA

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| 3" UCONNECT RADIO | 193 |
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TIPS, CONTROLS AND GENERAL INFORMATION

ROAD SAFETY

Learn how to use the various system functions before setting off.

Read the instructions for the system carefully before setting off.



181) 182)

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 alerts and news.

CARE AND MAINTENANCE

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.



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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

(Uconnect™ Radio Nav 6.5" excluded)

When the system is switched on, if the code is requested, the display will show "Please enter Anti-Theft Code" followed by the video page 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 inserting the fourth digit, move the cursor to "OK" and press the "BROWSE ENTER" right knob: the system will start to operate.

If an incorrect code is entered, the system displays "Incorrect Code" to notify the user of the need to enter the correct code.

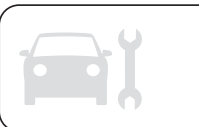
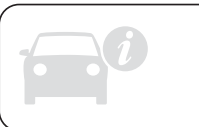
After the 3 available attempts to enter the code, the system displays "Incorrect Code. Radio locked. Wait for 30 minutes". Once the text has disappeared you can start the code entering procedure again.

Vehicle radio passport

(Uconnect™ Radio Nav 6.5" excluded)

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

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

181) Follow the safety rules below: otherwise serious injuries may occur to the occupants or the system may be damaged.

182) 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

78) Only clean the front panel and the display lens with a soft, clean, dry, anti-static cloth. Cleaning and polishing products may damage the surface. Never use alcohol, petrols and derivatives.

79) Do not use the display as a base for supports with suction pads or adhesives for external navigators or smartphones or similar devices.

3" Uconnect Radio

QUICK GUIDE

Controls on front panel



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| Button | Functions | Mode |
|---|---|--------------------------------------|
|  | Switching on/off | Brief button press |
| | Volume adjustment | Knob clockwise/anticlockwise turning |
|  | Volume activation/deactivation (Mute/Pause) | Brief button press |
| | | |
|  | Exit the selection/return to previous screen | Brief button press |
| BROWSE ENTER | Scrolling the list or tuning to a radio station or select previous/next track | Knob clockwise/anticlockwise turning |
| | Confirmation of the option displayed | Brief button press |
| INFO | Display mode selection (Radio, Media Player) | Brief button press |
| AUDIO | Access to the sound setting and adjustment functions | Brief button press |
| MENU | Access to the Settings menu | Brief button press |
| MEDIA | Source selection: USB/iPod or AUX | Brief button press |
| RADIO | Access to the Radio mode | Brief button press |
| 1-2-3-4-5-6 | Store current radio station | Long button press |
| | Stored radio station recall | Brief button press |
| A-B-C | Selection of the group of radio presets or selection of the desired letter in each list | Brief button press |
|  | Search for previous radio station or selection of USB/iPod previous track | Brief button press |
| | Scan of lower frequencies until released/Fast rewind of USB/iPod track | Long button press |
|  | Search for next radio station or selection of USB/iPod next track | Brief button press |
| | Scan of higher frequencies until released/Fast forward of USB/iPod track | Long button press |

| Button | Functions | Mode |
|---|----------------------------|--------------------|
|  | Shuffle of USB/iPod tracks | Brief button press |
|  | USB/iPod loop | Brief button press |

Steering wheel controls

The controls for the main system functions are present on the steering wheel 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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| Buttons | Interaction |
|---|---|
| Button A (left side, behind the steering wheel) | |
| Upper button | ☐ <i>Brief button press</i> : search for next radio station or selection of USB/iPod next track.
☐ <i>Long button press</i> : scan of higher frequencies until released/fast forward of USB/iPod track. |
| Central button | With each press it scrolls through sources AM, FM, USB/iPod, AUX. Only the available sources will be selected. |
| Lower button | ☐ <i>Brief button press</i> : search for previous radio station or selection of USB/iPod next track.
☐ <i>Long button press</i> : scan of lower frequencies until released/fast forward of USB/iPod track. |
| Button B (right side, behind the steering wheel) | |
| Upper button | Volume increase
☐ <i>Brief button press</i> : single volume increase
☐ <i>Long button press</i> : fast volume increase |
| Central button | Activation/deactivation of Mute function |
| Lower button | Volume decrease
☐ <i>Brief button press</i> : single volume decrease
☐ <i>Long button press</i> : fast volume decrease |

SWITCHING THE SYSTEM ON/OFF

The system is switched on/off by pressing the  button/knob. Turn the button/knob clockwise to increase the radio volume or anticlockwise to decrease it.

RADIO (TUNER) MODE

The system features the following tuners: AM, FM.

Radio mode selection

Press the RADIO button on the front panel to activate radio mode.

Selecting a frequency band

The different tuning modes can be selected by pressing the RADIO button on the front panel.

Indications on display

After the desired radio station is selected on the display, the following information is shown (INFO mode activated):

In the upper part: the preset station, the time and the other active radio settings are highlighted.

In the central part: the name of the current station, the frequency and the radio text information (if any) are highlighted.

FM station list

Press the BROWSE ENTER button/knob to display the complete list of the FM stations that can be received.

AM/FM radio station storage

The preset stations are available in all system modes and are selected by touching one of the presetting buttons **1-2-3-4-5-6** on the front panel.

If you are tuned to a radio station that you wish to store, hold down the button on the display which corresponds to the desired preset until an acoustic confirmation signal is emitted.

AM/FM radio station selection

To search for the desired radio station press the  or  button or use the wheel of the steering wheel controls  , or turn the "BROWSE ENTER" knob.

Previous/next radio station search

Press briefly the  or  button or use the wheel of the steering wheel controls  : when the button is released the previous or next radio station is displayed.

Previous/next radio station fast search

Hold down the  or  button to start the fast search: when the button is released, the first tunable radio is played.

MEDIA MODE

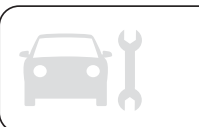
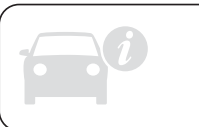
Interaction modes for AUX, USB/iPod operation.

Track change (next/previous)

Briefly press the  button or turn the BROWSE ENTER button/knob clockwise to play the next track. Briefly press the  button or turn the BROWSE ENTER button/knob anticlockwise to return to the beginning of the selected track or to the beginning of the previous track (if this has been played for less than 3 seconds).

Fast forward/rewind through tracks

Hold down the  button to fast forward the selected track. Hold down the  button to fast rewind the track.



Track selection (browse)

Use this function to scroll through and select the tracks on the active device. The choices available depend on the device connected.

For example, on an USB/iPod device you can also scroll through the list of artists, genres and albums available depending on the information present on the tracks using the BROWSE ENTER button/knob.

Within each alphabetical list, the **A-B-C** button on the front panel allows the user to skip to the desired letter in the list.

NOTE This button might be disabled for some **Apple®** devices.

NOTE The BROWSE ENTER button does not allow any operation on an AUX device.

Press the BROWSE ENTER button to activate this function on the source being played.

Turn the BROWSE ENTER button/knob to select the desired category and then press the button/knob to confirm the selection.

Press the  button to cancel the function.

Audio source selection

Press the **MEDIA** button to select the desired audio source among those available: AUX or USB/iPod.

Track information display

Press the **INFO** button to select the information displayed while playing (Artist, Album, Genre, Name, Folder, File name).

Press the  button to exit the screen.

Shuffle

Press the  button to play the tracks on USB/iPod in a random order.

Press again to deactivate the function.

Repeat

To listen to the track again, press the  button.

Press again to deactivate the function.

AUX SUPPORT

To activate AUX mode, insert an appropriate device in the AUX socket on the vehicle.

Adjust the volume using the  button/knob on the front panel or using the volume adjustment control on the connected device.

For the "Audio source selection" function, see the "Media mode" chapter.

IMPORTANT

The functions of the device connected with the AUX socket are directly managed by the device itself: it is not possible to change track/folder/playlist or control playing start/end/pause with the controls on the front panel or on the steering wheel.

Do not leave the cable of your portable player connected to the AUX socket after disconnection, to avoid possible hiss from the speakers.

USB/iPod SOURCE

To activate the USB/iPod mode insert the corresponding device (USB or iPod) in the USB port present on the vehicle.



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SETTINGS

Press the MENU button on the front panel to display the "Settings" menu.

NOTE The menu items displayed can vary according to the versions.

The menu includes the following items:

☐ **System Settings:** Language, Reset Default Value, Ignition time, Volume limit, Audio-On Radio.

☐ **Radio Settings:** FM Browse, Traffic Announcement, Regional, Alternative Frequency.

☐ **Radio off delay:** permits the system to be kept on for a preset time after the ignition key is turned to STOP.

AUDIO MODE

To access the "Audio" settings menu briefly press the AUDIO button on the front panel.

The menu includes the following items:

☐ **TREBLE:** adjustment of high tones;

☐ **MID:** adjustment of mid tones;

☐ **BASS:** adjustment of bass tones;

☐ **FADER:** balancing of front/rear speakers;

☐ **BALANCE:** balancing of left/right speakers;

☐ **SVC:** speed adjustment according to vehicle speed;

☐ **LOUDNESS:** audio improvement at low volume;

☐ **AUX OFFSET:** radio on or off when the vehicle is started.



5" Uconnect Radio LIVE - 5" Uconnect Radio Nav LIVE

QUICK GUIDE

Controls on front panel



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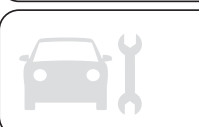
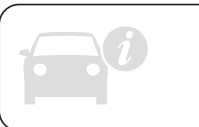
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| Button | Functions | Mode |
|---|--|-----------------------------|
|  | Switching on/off | Brief button press |
| | Volume adjustment | Left/right rotation of knob |
|  | Volume activation/deactivation (Mute/Pause) | Brief button press |
|  | Display on/off | Brief button press |
|  | Exit the selection/return to previous screen | Brief button press |
|  | Settings | Brief button press |
| BROWSE ENTER | Scrolling the list or tuning to a radio station | Left/right rotation of knob |
| | Confirmation of the option displayed | Brief button press |
| APPS | Access to the additional functions [e.g.: display of time, compass, outside temperature, Media/Radio, and Uconnect™ LIVE services (where provided)] | Brief button press |
| PHONE | Phone data display | Brief button press |
| TRIP (*) | Access to the TRIP menu | Brief button press |
| NAV (**) | Access to the Navigation menu | Brief button press |
| MEDIA | Source selection: USB/iPod or AUX, Bluetooth® , SD (where provided) | Brief button press |
| RADIO | Access to the Radio mode | Brief button press |

(*) **Uconnect™ 5" Radio LIVE only**

(**) **Uconnect™ 5" Radio Nav LIVE only**

The system uses the "touch screen" function; to interact with the different functions, press the "graphic buttons" displayed. To confirm the selection, press the "OK" button. To go back to the previous screen, press the  (delete) button or, depending on the active screen,  / Done.



Steering wheel controls

The controls for the main system functions are present on the steering wheel 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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| Button | Interaction |
|---|---|
|  | <ul style="list-style-type: none"> ☐ Acceptance of incoming call ☐ Acceptance of the second incoming call and putting the active call on hold ☐ Activation of voice recognition for Phone function ☐ Interruption of the voice message in order to give a new voice command ☐ Interruption of voice recognition ☐ Interaction with the radio, media and navigation (only Uconnect™ 5" Radio Nav LIVE) |
|  | <ul style="list-style-type: none"> ☐ Activation of voice recognition ☐ Interruption of the voice message in order to give a new voice command ☐ Interruption of voice recognition |
|  | <ul style="list-style-type: none"> ☐ Rejection of incoming call ☐ Ending of call in progress |

| Buttons | Interaction |
|---|---|
| Button A (left side, behind the steering wheel) | |
| Upper button | <ul style="list-style-type: none"> ☐ <i>Brief button press</i>: search for next radio station or selection of next track on USB/iPod and SD card (where provided). ☐ <i>Long button press</i>: scan of higher frequencies until released/fast forward of track on USB/iPod and SD card (where provided). |
| Central button | With each press it scrolls through sources AM, FM, USB/iPod, AUX and SD card (where provided). Only the available sources will be selected. |
| Lower button | <ul style="list-style-type: none"> ☐ <i>Brief button press</i>: search for previous radio station or selection of next track on USB/iPod and SD card (where provided). ☐ <i>Long button press</i>: scan of lower frequencies until released/fast forward of track on USB/iPod and SD card (where provided). |
| Button B (right side, behind the steering wheel) | |
| Upper button | Volume increase <ul style="list-style-type: none"> ☐ <i>Brief button press</i>: single volume increase ☐ <i>Long button press</i>: fast volume increase |
| Central button | Activation/deactivation of Mute function |
| Lower button | Volume decrease <ul style="list-style-type: none"> ☐ <i>Brief button press</i>: single volume decrease ☐ <i>Long button press</i>: fast volume decrease |



SWITCHING THE SYSTEM ON/OFF

The system is switched on/off by pressing the  (ON/OFF) button/knob. Turn the button/knob clockwise to increase the radio volume or anticlockwise to decrease it.

USB/iPOD SOURCE

The vehicle is equipped with USB port and AUX socket. Some versions are equipped with an SD-SDHC reader able to read/manage cards with SPI technology.

Some versions are also equipped with another USB port, located in the front armrest compartment.

RADIO MODE

After the desired radio station is selected, the following information is shown on the display:

At the top: the list of radio stations stored (preset) is displayed; the station being listened to is highlighted.

In the middle: the name of the radio station being listened to and the buttons to select the previous or the next radio station are displayed.

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 settings" screen.

Audio menu

The following adjustments can be carried out using the "Audio" menu:

- ☐ "Equaliser" (where provided);
- ☐ "Balance/Fader" (left/right and front/rear sound balance adjustment);
- ☐ "Speed/Volume" (speed-dependent automatic volume control);
- ☐ "Loudness" (where provided);
- ☐ "Radio Auto-On";
- ☐ "Radio Off Delay".

To exit the "Audio" menu, press the  /Done button.

MEDIA MODE

Audio source selection

Press the "choose source" button to select the desired audio source among those available: AUX, USB / iPod, SD (where provided) or **Bluetooth®**.

Note: Applications used on portable devices may be not compatible with the **Uconnect™** system.

Track selection (Browse)

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.

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 a Bluetooth® audio device

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 connection. 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

Activating the Phone mode

Press the PHONE button on the front panel to activate the Phone mode. 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 in the mobile phone phonebook;
 - ❑ display and call contacts from the registers of recent 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 vehicles'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 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

The operations described below can only be accessed if supported by the mobile phone in use.

Proceed as follows:

- ☐ selecting the  icon (mobile phone phonebook);
- ☐ selecting "Recent Calls";
- ☐ selecting the  icon;
- ☐ pressing the "Redial" button.

SMS message 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 through **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).

Uconnect™ LIVE SERVICES

Press the APPS button to access the Radio menu, where all the system application functions are present, such as: Trip computer, Settings, Compass (if the navigation system is available),

Uconnect™ LIVE applications.

If the **Uconnect™** icon is present, the system is set up for the connected services and allows the applications to be used directly from the radio, for a more efficient and advanced 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 the **App Uconnect™ LIVE** from the "App Store" or "Google play" on your compatible smartphone, making sure that the data connection is enabled
- ☐ register on www.DriveUconnect.eu or www.fiat.it through the **App Uconnect™ LIVE**.
- ☐ start the **App Uconnect™ LIVE** on your smartphone and enter your details. For further information about the services available in your market, visit www.DriveUconnect.eu.

First access to the vehicle

Once you have launched the **App Uconnect™ LIVE** and entered your details, you have to pair the Bluetooth with your smartphone and the radio, as described in the "Pairing a mobile phone" chapter, to access the **Uconnect™ LIVE** services in your vehicle. The list of supported mobile phones is available on www.DriveUconnect.eu.

When pairing is complete, the connected services can be accessed by pressing the **Uconnect™** icon on the radio.

When the activation process is complete, a message will inform the user. If a personal profile is necessary for the services, your accounts can be connected through the **App Uconnect™ LIVE**, or in your personal area on www.driveUconnect.eu.

IMPORTANT The my:Car application does not replace the information in the Owner Handbook of the vehicle.

User not connected

If the user does not carry out the Bluetooth pairing of the phone, when the Uconnect™ button is pressed, the radio menu shows disabled icons, except **eco:Drive™**.

Further information about the **eco:Drive™** functions is available in the dedicated chapter.

Settings of the Uconnect™ LIVE services that can be managed through the radio

The "Settings" sections can be accessed through the  icon in the Radio menu dedicated to the **Uconnect™ LIVE** services. In this section the user can check the system options and change them according to their preferences.

System updates

If an update for the **Uconnect™** system is available while the **Uconnect™ LIVE** services are being used, the user will be informed with a message on the radio screen.

The update includes the download of the new software version for managing the **Uconnect™ LIVE** services. The update is made using the data connection of the paired smartphone. The amount of traffic generated will be communicated to the user. **IMPORTANT** Do not carry out other operations during installation and wait for its completion, in order not to affect correct operation of the radio.

Uconnect™ LIVE apps

The **App Uconnect™ LIVE** must be installed on your smartphone to access the connected services on the vehicle, this can be used to access your profile and customise your **Uconnect™ LIVE** experience.

The App can be downloaded from: "App Store" or "Google play".

For safety reasons, the App cannot be accessed when the phone is paired with the radio.

Personal details (e-mail and password) are required to access the **Uconnect™ LIVE** radio services, 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 radio menu can change according to the market.

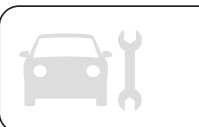
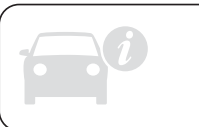
The **eco:Drive™** and my:Car applications are developed to improve the customer's driving experience, therefore they are available in all markets where the **Uconnect™ LIVE** services can be accessed.

For further information visit www.DriveUconnect.eu.

If the navigation system is installed in the radio, accessing the **Uconnect™ LIVE** services enables use of 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 through the **App Uconnect™ LIVE**; the data analysis can be made on your personal computer thanks to the **eco:Drive™** desktop application, available on www.fiat.it or www.DriveUconnect.eu. Evaluation of the driving style is dependent on four indices that monitor the following parameters:

- ☐ Acceleration
- ☐ Deceleration
- ☐ Gearbox
- ☐ Speed

Display of the eco:Drive™

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

Once sufficient data is 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 the **App Uconnect™ LIVE**. This allows you to display the history of the collected data, showing the complete analysis of the trip data and of your driving style.

Further information is available at www.DriveUconnect.eu.

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 transfer of data to the devices, messages may appear on the radio display to guide the user correctly through the operation; follow these instructions. These messages are only displayed with the ignition key at STOP and when a delay in the system switching off is set. 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 are shown on the radio display.

When the **eco:Drive™** data are not transferred to the USB memory stick for a long time, the internal memory of the **Uconnect™ LIVE** system may be full. Follow the instructions given by the messages on the radio display.

my:Car

my:Car allows you to keep the condition of your vehicle always under control.

my:Car can detect malfunction in real time and inform the user about the expiry of the servicing interval. Press the "my:Car" button to interact with the application.

The display will show a screen with the "care:Index" section, which provides all the detailed information about the status of the vehicle. Press the "Active warnings" button to show (if present) the details of the vehicle's faults which caused a warning light to switch on. The vehicle status can be seen both on www.DriveUconnect.eu or through the **App Uconnect™ LIVE**.

SETTINGS

Press the  button on the front panel to display the main "Settings" menu.

Note: The menu items displayed vary according to the versions.

The menu includes the following items:

- ☐ Display;
- ☐ Units;
- ☐ Voice commands;
- ☐ Clock & Date;
- ☐ Safety/Assistance (where provided);
- ☐ Lights (where provided);
- ☐ Doors & Locks;

- ☐ Vehicle Off Options;
- ☐ Audio;
- ☐ Phone/Bluetooth;
- ☐ SiriusXM Setup (where provided);
- ☐ Radio Setup;
- ☐ Restore Settings

Safety/Assistance

(where provided)

This function can be used to carry out the following adjustments:

- ☐ "*Rear View camera*" (where provided): this function can be used to carry out the following adjustments:
 - "Active Guidelines" (where provided): permits the activation of dynamic grids that indicate the route of the vehicle on the display.
 - "Rear View cam.delay" (where provided): permits a delay in the disappearance of images from the camera when reverse is disengaged.
- ☐ "*Frdt Coll. Warning*" (where provided): this function can be used to select the Full Brake Control system intervention mode.

The options available are:

- "Off": the system is deactivated;
- "Only warning": the system intervenes only by providing the driver with an acoustic warning (where provided);

- "Only active braking": the system intervenes by activating automatic braking (where provided);
- "Warning + active braking": the system intervenes by providing the driver with an acoustic warning and activating automatic braking.

☐ "*Fwd Coll. Sensitivity*" (where provided): this function can be used to select the "readiness" of the system to intervene, on the basis of distance from the obstacle.

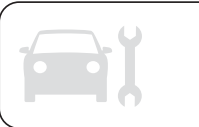
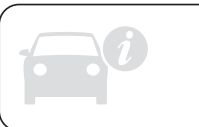
The options available are "Near", "Med", "Far".

☐ "*Park Assist*" (where provided): this function can be used to select the type of warning provided by the Park Assist system.

The options available are:

- "Sound Only": the system warns the driver that an obstacle is present through acoustic warnings only, via the speakers in the vehicle.
- "Sound & Display": the system warns the driver that an obstacle is present through acoustic (via the speakers in the vehicle) and visual (on the instrument panel) warnings.

☐ "*Front Park Assist vol.*" (where provided): this function can be used to select the volume of the acoustic warnings provided by the front Park Assist system.



❑ "Rear Park Assist vol." (where provided): this function can be used to select the volume of the acoustic warnings provided by the rear Park Assist system.

❑ "Park Assist vol." (where provided): this function can be used to select the volume of the acoustic warnings provided by the Park Assist system.

❑ "Lane Assist Warning" (where provided): this function can be used to select the LaneAssist system intervention "readiness".

❑ "Lane Assist Strength" (where provided): this function can be used to select the force to apply to the steering wheel to put the vehicle back in the lane through the electric steering system, in the event of Lane Assist system intervention.

❑ "Blind Spot Alert" (where provided): this function can be used to select the type of warning ("Sound Only" or "Sound & Display") to indicate the presence of objects in the blind spot of the door mirror.

❑ "Rain sensor" (where provided): this function can be used to activate/deactivate the automatic operation of the wipers in the event of rain.

❑ "Brakes" (where provided): this function can be used to select the following submenus:

- "Brake Service" (where provided): allows you to activate the procedure for carrying out braking system servicing;
- "Auto Park Brake" (where provided): allows you to activate/deactivate the automatic park brake engagement.

NAVIGATION

(5" Uconnect Radio Nav LIVE 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 open the Main menu;
- ❑ Tap "Navigate to" or "Drive to".
- ❑ Tap "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 zip code. Towns with similar names are shown in the list while you type. When the desired 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 will be shown on the map. Tap "Select" to continue or tap "Back" to enter another address.

❑ 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 updating

Two modes for downloading a map update are available:

- ❑ Most recent maps guarantee: if a new map is available for your system within 90 days of initial use, you can download it once free of charge.
- ❑ Map update: you can purchase a new version of the map installed on your system.

USB device setup

To update the map, use an USB device that meets the following requirements:

- ❑ Ideally, the USB device should be empty.
- ❑ The USB device must have at least 8 GB of memory free.

☐ The USB device 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 an USB device, proceed as follows:

☐ Select **Navigation updates** in the **settings** menu.

You are asked whether you wish to prepare an USB device for downloading updates.

☐ Select **Yes**.

☐ Insert the USB device.

Note: if the system continues to ask you to insert the USB device, check that the device meets the requirements indicated previously, then retry. The system starts to prepare the USB device.

When the USB device is ready, a dedicated message is displayed.

☐ Remove the USB device and connect it to the computer. The new map can now be downloaded to the USB device.

TomTom HOME installation

To install TomTom HOME and create a MyTomTom account, proceed as follows:

☐ Download and install the TomTom HOME application on the computer. On the computer, access www.tomtom.com/getstarted. Select "Download TomTom HOME", then follow the instructions provided.

☐ Connect the USB device prepared with the computer. TomTom HOME is started automatically.

☐ Select "Enter" in the top right corner.

☐ 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 your **Uconnect™** system.

☐ Select "Connect device", then select "close".

A map can now be downloaded to the USB device.

Download a map

The map can be updated in two ways:

☐ Most recent maps guarantee: if a new map is available for your system within 90 days 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 the system. To check availability or purchase a map, make sure that you have prepared an USB device and installed TomTom HOME on your computer.

Connect the USB device to the computer.

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 your 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 a map

The map update MUST be made with the vehicle engine running and may require more than 30 minutes. Do not disconnect the USB device during the map installation process, otherwise installation will be interrupted.

After downloading a map to your USB device, it can be installed on your system.

☐ Insert the USB device containing the new map in the **Uconnect™** system. The system detects a new map on the USB device.

☐ Select "Start".

Keep the device inserted. Before updating the map, the system indicates that this process may take several minutes. Select "OK".

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 update is interrupted, the system update is started again.

Once the map has been updated, a dedicated message is displayed.

☐ Click on "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. In this case, 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) on the steering wheel and give the command you want to activate, out loud.

Global

The following voice commands can be given after pressing the  button on the steering wheel:

☐ Help

- ☐ Cancel
- ☐ Redial
- ☐ Repeat
- ☐ Voice Prompts

Phone

The following voice commands can be given after pressing the  button on the steering wheel:

- ☐ Call
- ☐ Dial
- ☐ Redial
- ☐ Call back
- ☐ Last calls
- ☐ Outgoing calls
- ☐ Missed calls
- ☐ Incoming calls
- ☐ Phonebook
- ☐ Search
- ☐ Show SMS

Radio

The following voice commands can be given after pressing the  button on the steering wheel:

- ☐ Tune to XXX FM
- ☐ Tune to XXX AM
- ☐ Tune to Radio XXX
- ☐ Tune to DAB channel

Media

The following voice commands can be given after pressing the  button on the steering wheel:

- ☐ Play song...
- ☐ Play album...
- ☐ Play artist...
- ☐ Play genre...
- ☐ Play playlist...
- ☐ Play podcast...
- ☐ Play audiobook...
- ☐ Play track number...
- ☐ Select the source
- ☐ Display

Navigation

(5" Uconnect Radio Nav LIVE only)

The following voice commands can be given after pressing the  button on the steering wheel:

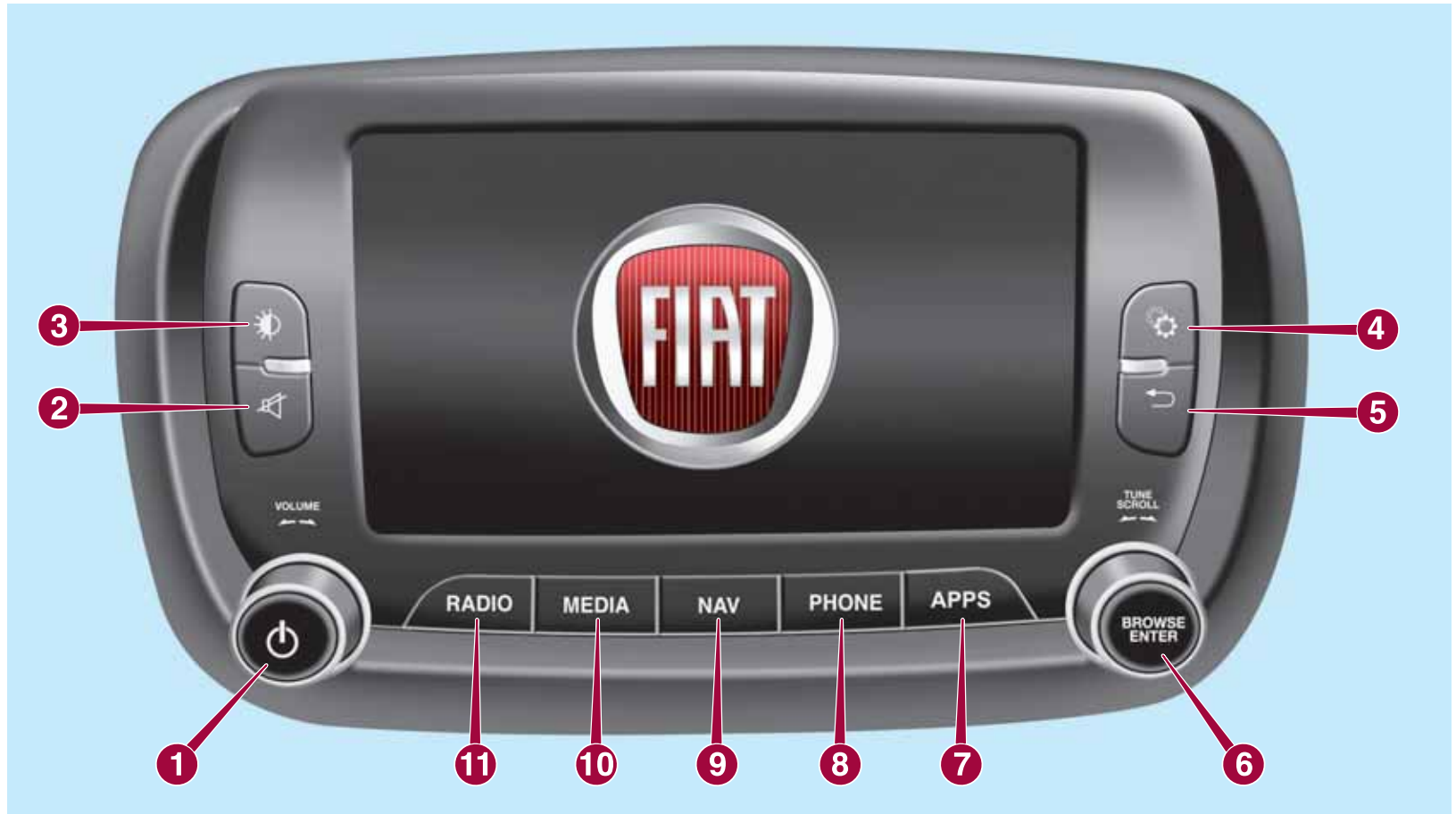
- ☐ Drive Home
- ☐ 2D view
- ☐ 3D view
- ☐ Clear route
- ☐ Add Favourite
- ☐ Repeat instruction



6.5" Uconnect Radio Nav

QUICK GUIDE

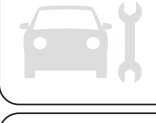
Controls on front panel



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| Button | | Functions | Mode |
|-------------------------|---|---|-----------------------------|
| 1 - |  | Switching on | Brief button press |
| | | Switching off | Brief button press |
| | | Volume adjustment | Left/right rotation of knob |
| 2 - |  | Volume activation/deactivation (Mute/Pause) | Brief button press |
| 3 - |  | Display on/off | Brief button press |
| 4 - |  | Settings | Brief button press |
| 5 - |  | Exit the selection/return to previous screen | Brief button press |
| 6 - BROWSE ENTER | | Scrolling the list or tuning to a radio station | Left/right rotation of knob |
| | | Confirmation of the option displayed | Brief button press |
| 7 - APPS | | Access to the additional functions (display of Time, Compass, Outside temperature, Media Player and UConnect™ LIVE services, where provided) | Brief button press |
| 8 - PHONE | | Phone data display | Brief button press |
| 9 - NAV | | Access to the Navigation menu | Brief button press |
| 10 - MEDIA | | Source selection: USB/iPod or AUX, Bluetooth® and SD (where provided) | Brief button press |
| 11 - RADIO | | Access to the Radio mode | Brief button press |



Steering wheel controls (where provided)

The controls for the main system functions are present on the steering wheel 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.

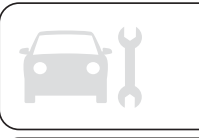
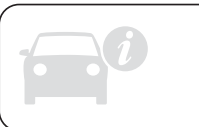


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| Button | Interaction |
|---|--|
|  | ☐ Acceptance of incoming call
☐ Acceptance of the second incoming call and putting the active call on hold |
|  | ☐ Activation of voice recognition
☐ Interruption of the voice message in order to give a new voice command
☐ Interruption of voice recognition
☐ Interaction with Radio, Media and Navigation functions |
|  | ☐ Rejection of incoming call
☐ Ending of call in progress |

| Buttons | Interaction |
|---|---|
| Button A (left side, behind the steering wheel) | |
| Upper button | ☐ <i>Brief button press</i> : search for next radio station or selection of USB/iPod next track.
☐ <i>Long button press</i> : scan of higher frequencies until released/fast forward of USB/iPod track. |
| Central button | With each press it scrolls through sources AM, FM, USB/iPod, AUX and SD (where provided). Only the available sources will be selected. |
| Lower button | ☐ <i>Brief button press</i> : search for previous radio station or selection of next track on USB/iPod and SD (where provided).
☐ <i>Long button press</i> : scan of lower frequencies until released/fast forward of track on USB/iPod and SD (where provided). |
| Button B (right side, behind the steering wheel) | |
| Upper button | Volume increase
☐ <i>Brief button press</i> : single volume increase.
☐ <i>Long button press</i> : fast volume increase. |
| Central button | Activation/deactivation of Mute function |
| Lower button | Volume decrease
☐ <i>Brief button press</i> : single volume decrease.
☐ <i>Long button press</i> : fast volume decrease. |



SWITCHING THE SYSTEM ON/OFF

The system is switched on/off by pressing the  (ON/OFF) button/knob. Turn the button/knob clockwise to increase the radio volume or anticlockwise to decrease it.

RADIO (TUNER) MODE

The system has the following tuners: AM, FM and DAB (where provided).

Radio mode selection

Press the RADIO button on the front panel to activate radio mode. The different tuning modes can be selected with the corresponding button on the display. Up to 12 favourite radio stations can be stored in each mode.

Selecting a frequency band

Press one of the buttons at the left of the display to select the frequency band: AM, FM and DAB (where provided).

Indications on display

After the desired radio station is selected, the following information is shown on the display:

At the top: display of the stored radio station (preset) list. If the current station is in the list of presets, it will be highlighted on the display.

In the middle: the name of the radio station being listened to and the buttons to select the previous or the next radio station are displayed.

At the bottom: display of the following buttons:

- ☐ "browse": search available radio stations
- ☐ "tune" : manual radio station tuning (not available for DAB radios);
- ☐ "audio": access to the "Audio settings" screen
- ☐  and : permit searching for the desired radio station.

Select previous/next radio station

The previous/next radio station can be selected using the following methods: turning the BROWSE ENTER button/knob, briefly pressing the  or  button on the display, pressing of the buttons behind the steering wheel. Holding down the  or  buttons on the display activates rapid scrolling through the active frequency band.

Previous/next radio station fast search

To start the fast search press the  or  button on the display, or use the corresponding steering wheel controls.

AM/FM radio station tuning

Press the "tune" button, then select the first digit of the desired radio station. Press the  button to delete a wrong number (and enter the correct station number). After entering the last digit of the station the system will tune to the selected one. The screen disappears automatically after 5 seconds or manually by pressing the OK button.

DAB radio (where provided)

Once DAB radio mode is selected, the information on the current station is displayed and the following functions. The "browse" button is used to display:

- ☐ the list of all DAB stations;
- ☐ the list of all the favourites;
- ☐ the list of stations filtered by "Ensembles" (broadcast group).

Within each list, the "ABC" button allows the user to skip to the desired letter in the list.

The "Refresh" button requests an update of the DAB radio station list: the update may last from a few seconds to about two minutes.

Pre-selection settings

Presets are available in all system modes and are activated by touching one of the preset buttons located in the upper area of the display.

The system can store up to 12 radio stations in each mode: 4 of these are displayed in the upper area. Press the "browse" button on the display to show all the radio stations stored in the selected frequency band.

Audio Settings

The Audio Settings menu, which can be accessed by pressing the "audio" button at the bottom of the display, can be used to change the following settings:

- ☐ "Balance/Fader" (left/right and front/rear sound balance adjustment);
- ☐ "Equaliser" (where provided);
- ☐ "Speed/Volume" (speed-dependent automatic volume control);
- ☐ "Surround Sound" (where provided);
- ☐ "AUX Volume comp.";
- ☐ "Loudness" (where provided);

☐ "Auto-On radio" (allows you to set the automatic switching on of the radio when the engine is started). To exit the "audio" menu, press the  /Done button.

MEDIA MODE

Audio source selection

Press the "choose source" button to select the desired audio source among those available: AUX, USB / iPod, SD (where provided) or **Bluetooth®**.

Note: Applications used on portable devices may be not compatible with the **Uconnect™** system.

Track change (next/previous)

Briefly press the  button or turn the BROWSE ENTER button/knob clockwise to play the next track.

Briefly press the  button or turn the BROWSE ENTER button/knob anticlockwise to return to the beginning of the selected track or to the beginning of the previous track (if this has been played for less than 8 seconds).

Fast forward/rewind through tracks

Hold down the  button to fast forward the selected track.

Hold down the  button to fast rewind the track.

Track selection (browse)

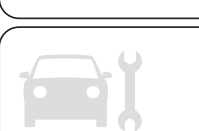
Use this function to scroll through and select the tracks on the active device. Within each list, the "ABC" button allows the user to skip to the desired letter in the list.

Press the "Browse" button to activate this function on the source being played.

Turn the BROWSE ENTER button/knob to select the desired category and then press the button/knob to confirm the selection.

Press the "X" button to cancel the function.

NOTE The "Browse" button may be disabled for some **Apple®** devices.
NOTE The "Browse" button does not allow any operation on an AUX device.
NOTE Not all **Bluetooth®** devices enable you to scroll the information on the tracks.



Track information display

Press the "Info" button to show the information on the track being listened to on the display.

Press the "X" button to exit the screen.

Shuffle

Press the ">" button then the "Shuffle" button to play the tracks on the USB / iPod, SD (where provided) or **Bluetooth®** in a random order. Press the "Shuffle" button again to deactivate the function.

Repeat

Press the ">" button then the "Repeat" button to listen to the track again. Press the "Repeat" button again to deactivate the function.

Bluetooth® SOURCE

Pairing 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 connection. 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.

USB/iPod SOURCE

USB/iPod mode

To activate the USB/iPod mode insert the corresponding device (USB or iPod) in the USB port located on the central tunnel (fig. 158).



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Some versions feature a second USB port, located inside the front armrest.

SD Card SUPPORT (where provided)

To activate SD mode, insert an SD Card in the dedicated slot on the vehicle (see fig. 159).

IMPORTANT Only use SD cards dedicated to a single function (e.g. SD cards for navigation exclusively separate from SD cards for MP3 use exclusively). Avoid transferring content from one SD card to another.



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AUX SUPPORT

To activate AUX mode, connect an appropriate device to the AUX socket on the vehicle.

Adjust the volume using the  button/knob on the front panel or using the volume adjustment control on the connected device.

IMPORTANT

The functions of the device connected with the AUX socket are directly managed by the device itself: it is not possible to change track/folder/playlist or control playing start/end/pause with the controls on the front panel or on the steering wheel.

Do not leave the cable of your portable player connected to the AUX socket after disconnection, to avoid possible hiss from the speakers.

PHONE MODE

Activating the Phone mode

Press the PHONE button on the front panel to activate the Phone mode. 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 in the mobile phone phonebook;

- ☐ display and call contacts from the registers of recent calls;
- ☐ pair up to 10 phones 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 vehicles'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 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

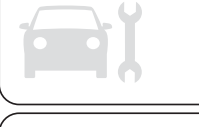
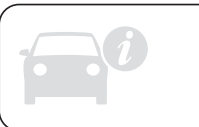
Proceed as follows:

- ☐ selecting the  icon (mobile phone phonebook);
- ☐ selecting "Recent Calls";
- ☐ selecting the  icon;
- ☐ pressing the "Redial" button.

The operations described above can only be accessed if supported by the mobile phone in use.

SMS MESSAGE 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 through **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.

The list of SMS messages received from the mobile phone can be accessed by pressing the  button.

APPS MODE

Press the APPS button on the front panel to display the following settings:

- ☐ Media/Radio mode
- ☐ Clock
- ☐ General information
- ☐ Compass
- ☐ Trip

Media/Radio mode

Pressing the button on the left side of the display allows you to display the "Media and Radio" information.

Clock

Pressing the time at the middle of the top of the display allows you to set the time.

General information

The general information about the vehicle is displayed in the central part of the display:

- ☐ the outside temperature, expressed in the selected unit of measurement;
- ☐ mobile phone battery charge (when a mobile is paired);
- ☐ the  icon (if a **Bluetooth®** device is connected);
- ☐ phone network signal intensity (if a mobile phone is connected).

Compass

Press the "Compass" button to display the direction in which you are driving and "Navigation mode" information.

Trip

Press the "Trip" button to access the screens containing the Trip Computer information processed by the instrument panel.

SETTINGS

Press the  button on the front panel to display the "Settings" menu.

NOTE The menu items displayed can vary according to the versions.

The menu includes the following items:

- ☐ Display;
- ☐ Units;
- ☐ Voice commands;
- ☐ Clock & Date;

- ☐ Safety & Driving Assistance;
- ☐ Lights;
- ☐ Doors & Locks;
- ☐ Vehicle Shutdown Options;
- ☐ Audio;
- ☐ Phone/Bluetooth;
- ☐ Sirius XM Setup (where provided);
- ☐ Radio Setup;
- ☐ System Information;
- ☐ Restore Default Settings;
- ☐ Clear Personal Data.

Safety & Driving Assistance

(where provided)

This function can be used to carry out the following adjustments:

- ☐ "Rear View Camera" (where provided): allows you to activate the display of images from the camera when reverse is engaged.
- ☐ "Rear view camera delayed deactivation" (where provided): allows you to delay the disappearance of images from the rear camera when reverse is disengaged.
- ☐ "Guidelines for load platform camera" (where provided): allows you to activate dynamic grids that indicate the route of the vehicle.

☐ "Frnt Coll. Warning" (where provided): allows you to select the Full Brake Control system operation mode. The options available are:

- "Off": the system is deactivated;
- "Only warning": the system intervenes only by providing the driver with a warning (where provided);
- "Only active braking": the system intervenes by activating automatic braking (where provided);
- "Warning + active braking": the system intervenes by providing the driver with a warning and activating automatic braking.

☐ "Forward Collision System Sensitivity" (where provided): allows you to select the intervention readiness for the system according to the distance of the obstacle. The options available are "Near", "Med", "Far".

☐ "Park Assist" (where provided): allows you to select the type of warning provided by the Park Assist system.

The available options are:

- "Sound Only": the system warns the driver that an obstacle is present through acoustic warnings only, via the speakers in the vehicle;
- "Sound & Display": the system warns the driver that an obstacle is present through acoustic (via the speakers in the vehicle) and visual (on the instrument panel) warnings.

☐ "Front Park Assist vol." (where provided): allows you to select the volume of the acoustic warnings for the front Park Assist system;

☐ "Rear Park Assist vol." (where provided): allows you to select the volume of the acoustic warnings for the rear Park Assist system,

☐ "Lane Assist Warning" (where provided): allows you to select the Lane Assist system intervention readiness;

☐ "Lane Assist Strength" (where provided): allows you to select the force to apply to the steering wheel to put the vehicle back in the lane through the electric steering system, in the event of Lane Assist system intervention.

☐ "Side Assist" (where provided): allows you to select the type of warning from the Side Sensor system. The options available are:

- "Off": the system is off;
- "Sound Only": the system warns the driver that an obstacle is present through acoustic warnings only, via the speakers in the vehicle;
- "Sound & Display": the system warns the driver that an obstacle is present through acoustic (via the speakers in the vehicle) and visual (on the instrument panel) warnings.

☐ "Side Assist volume" (where provided): allows you to select the volume of the acoustic warnings from the Side Sensor system.

☐ "Rain sensor" (where provided): allows you to activate/deactivate the automatic switching on of the wipers in the case of rain.

☐ "Brakes" (where provided): this function can be used to select the following submenus:

- "Brake Service" (where provided): allows you to activate the procedure for carrying out braking system servicing;
- "Electric Park Brake" (where provided): allows you to activate/deactivate the electric park brake engagement.



Lights (where provided)

This function can be used to carry out the following adjustments:

- ☐ "Interior lights" (where provided): allows you to select the interior light brightness;
- ☐ "Headlamp sensor" (where provided): adjustment of headlamp activation sensitivity;
- ☐ "Follow me" (where provided): permits the setting of the headlamp deactivation delay after switching off the engine;
- ☐ "Courtesy lights": activation/deactivation of courtesy lights (where provided);
- ☐ "Day lights": activation/deactivation of the daytime running lights (DRLs) (where provided);
- ☐ "Auto high beams" (where provided): allows you to deactivate the main beam headlights when approaching a vehicle coming from the opposite direction;
- ☐ "Flash Lights w/Lock" (where provided): permits the activation of light flashing when the doors are locked.

MAIN NAVIGATION MENU

IMPORTANT Navigation maps are pre-loaded on the system, therefore no external support is needed.

To activate the main navigation menu, press the NAV button on the front panel, then press one of the following buttons:

- ☐ "Where to?": it searches or navigates to the destination;
- ☐ "View map": it displays the map;
- ☐ "Info": it displays all info about navigation;
- ☐ "Emergency": it searches for Hospitals or Police Stations located near the destination. It is also possible to view your current position on the display and save, in "Favourites", the location of the Hospitals or Police Stations.

VIEW MAP

Press the "View Map" button in the main Navigation Menu to display the map relative to the current position. When the display shows the map, the following options are available:

- ☐ **"Menu"**: press this button to return to the main Navigation Menu;
- ☐ **"+/-"**: press the "+" or "-" button to change the dimension of the map (it is not possible to zoom in on minor roads);
- ☐ **"Time of Arrival/Time to Destination/Distance"** (only during navigation): press this button at the top right of the display to view one of the following options: "Time of Arrival", "Time to Destination", "Distance".
- ☐ **"Turn List"** (only during navigation): press the list of turns along the route at the middle of the top of the display. Select a turn through the following options: "Show on Map" or "Avoid Street".
- ☐ **"Options"**: press this button to display the map display options.

INFORMATION

Press the "Information" button in the main Navigation Menu to select from the following information:

- ☐ Where Am I?
- ☐ Traffic
- ☐ "Trip comp." (Trip Computer)

You can press the  button to return to the previously active screen or the "X" button to exit.

EMERGENCY

Press the "Emergency" button in the main Navigation Menu to select one of the following options for searching for and navigating towards a destination:

- ☐ "Hospital": press this button to set a trip to a hospital near the destination;
- ☐ "Police": press this button to set a trip to a police station near the destination.

VOICE COMMANDS

For the functions controlled with voice commands see the **Uconnect™ 5" Radio Nav "Voice commands" paragraph.**

NOTE For languages not supported by the system, voice commands are not available.

IMPORTANT The volume of the voice commands can only be adjusted while they are being reproduced by operating button/knob  (ON/OFF).

The navigation system uses voice commands for some or all of the following functions:

- ☐ driving information;
- ☐ set warnings.

Two types of voices are available during navigation:

- ☐ *computer voices*: they are generated by the navigation system. They read responses to voice commands and traffic;
- ☐ *human voices*: which have been recorded by an actor and provide instructions about the route only.



NOTES





IMPORTANT INFORMATION AND RECOMMENDATIONS



WARNING

INTERIOR FITTINGS

- ☐ Do not travel with the storage compartment open: it 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.
- ☐ Do not use the ashtray as a waste paper basket: it may catch fire in contact with cigarette stubs.



WARNING

ROOF RACK/SKI RACK

- ☐ Before driving, make sure that the transversal bars have been fitted properly.



WARNING

ENVIRONMENTAL PROTECTION SYSTEMS

- ☐ The catalytic converter and particulate filter (DPF) reach very high temperatures during operation. Therefore do not park the vehicle on flammable materials (e.g. grass, dry leaves, pine needles, etc.): fire hazard.



WARNING

ROOF RACK/SKI RACK

- ☐ The use of transversal bars on longitudinal ones prevents the use of the sunroof, because the latter, while opening, interferes with the bars. Therefore do not move the sunroof if transversal bars have been fitted.
- ☐ Fully comply with the regulations in force concerning maximum clearance.



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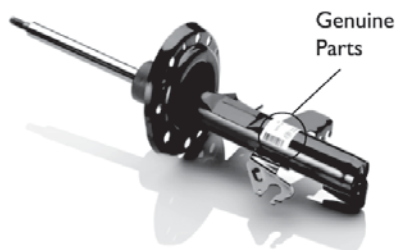
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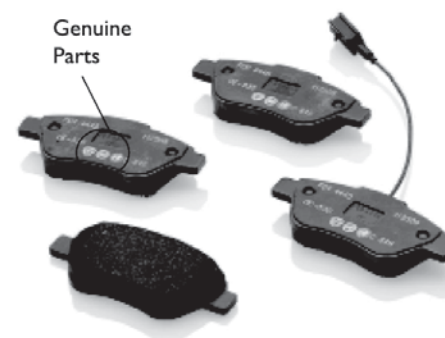
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Pollen filter



Shock absorber



Brake pads

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