FIAT 500X

OWNER HANDBOOK

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

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

ONLINE VEHICLE OWNER HANDBOOK

The following symbol 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.

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

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

Have a nice reading and happy motoring!

Dear Customer,

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

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 contains specifications, special procedures and essential information for caring for and maintaining your Fiat 500X over time, driving it safely and running it correctly.

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 car 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.

ESSENTIAL INFORMATION!

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 car" paragraph in the "Starting and driving" chapter.

Diesel engines: refuel only with Diesel fuel motor vehicles conforming to the European specification EN590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused. For further details on the use of the correct fuel see the "Refuelling the vehicle" paragraph in the "Starting and driving" chapter.

STARTING THE ENGINE

Versions with manual transmission (petrol engines): make sure that the parking brake 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 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 ϖ warning light to switch off. 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 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 car 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

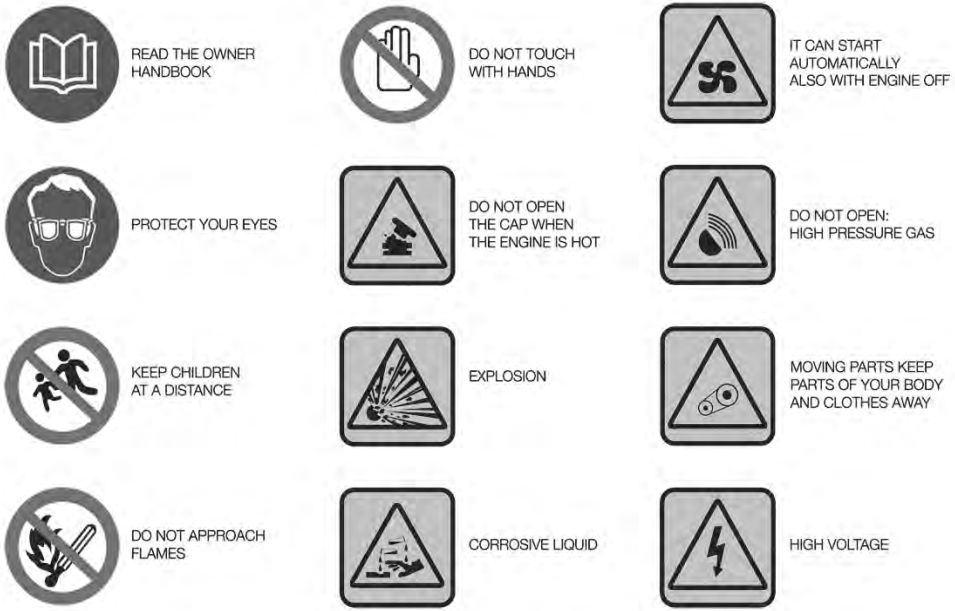
Correct maintenance of the car is essential for ensuring that it maintains its performance and its safety features, its environmental friendliness and low running costs for a long time to come.

"CYBERSECURITY" DEVICES

The car is equipped with security devices developed according to the technological standards currently applied in the automotive industry to protect the onboard electronic systems from hacking attempts. The purpose of these security devices is to minimise the risk of cyber-attacks or the installation of viruses or malware which could compromise the performance of the car and/or allow stealing of personal data of the buyers and/or users and/or unauthorised dissemination of said information. The car's purchaser must not remove, modify or tamper with these anti-hacking security devices. The Manufacturer will therefore not be liable for negative consequences and/or damage to the vehicle and/or to the buyer and/or to third parties deriving from the removal, modification or alteration of the security devices performed by the car's purchaser and/or user.

SYMBOLS

Some car 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.



J0A2300C

CHANGES/ALTERATIONS TO THE CAR

IMPORTANT Any change or alteration of the car 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 car 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 car.

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.

IMPORTANT NOTES 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 car, which could cause accidents or injuries.

Therefore all **WARNINGS** and **PRECAUTIONS** must always be carefully followed.

IMPORTANT NOTES 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.

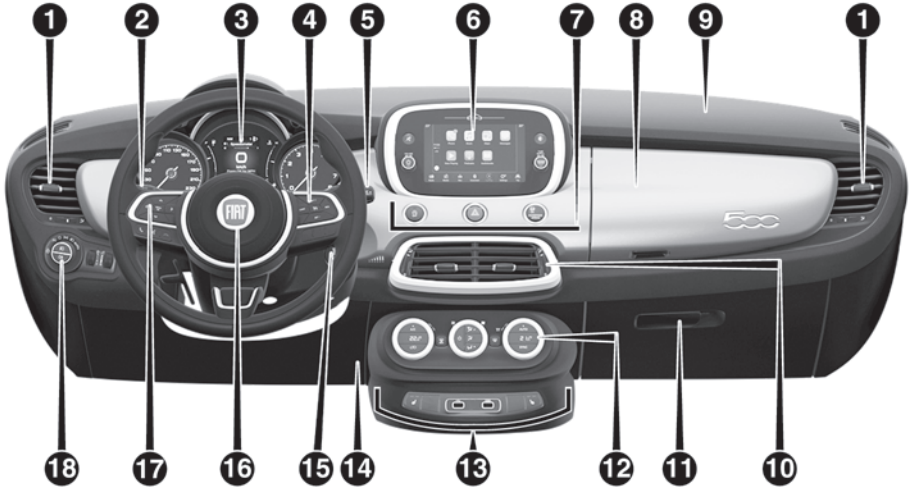
GETTING TO KNOW YOUR CAR

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.

DASHBOARD



2 F1B0755

1. Adjustable side air diffusers 2. Left stalk: direction indicators, main beam headlights, flashing, Lane change function 3. Instrument panel 4. Controls on the steering wheel: Cruise Control, Speed Limiter 5. Right stalk: windscreen wiper/washer, rear window wiper/washer, rain sensor sensitivity level setting 6. **Uconnect™** 7. Start&Stop, hazard lights, passenger airbag LED status 8. Refrigerated upper storage compartment (for versions/markets, where provided) 9. Passenger front airbag 10. Adjustable central air diffusers 11. Lower compartment box 12. Climate controls 13. Buttons on central console: seat heater, Park Assist system, USB port (plus one second USB port, for versions/markets, where provided) 14. Knee bag 15. Ignition device (key or button) 16. Driver front airbag 17. Steering wheel controls: display menu, trip computer, multimedia, telephone, voice recognition 18. Control panel: light switch, headlight adjuster

THE KEYS

eLUM

KEY WITH REMOTE CONTROL

1)

1)

Metal insert (A) fig. 3 of the key operates:

- the starter switch;
- the driver's door lock.

3 F1B0007C

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. 4, of which two copies are provided.

4 F1B0008C

Door and boot locking

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

Rapidly press the ×2 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)

Press the button to remotely control the switching on of the side and main beam headlights, for a maximum of 90 seconds.

Pressing button again, the lights switched on previously will go off (if the parking light function was already active, it will remain so). If, when 90 seconds have passed, the 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 car ownership documents.

WARNING

1) *Button (B) should only be pressed when the key is away from the body, in particular from the eyes and from objects that can be spoilt (e.g. clothes). Do not leave the key unattended to avoid the button being accidentally pressed while it is being handled, e.g. by a child.*

IMPORTANT

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.*

IMPORTANT

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. 5

❒ 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.

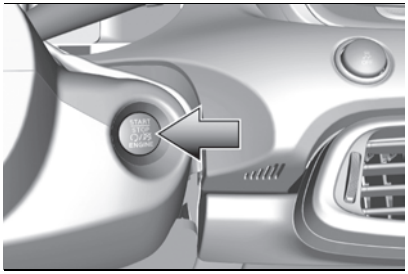
2) 3)

5 F1B0642

Versions with electronic key ("Keyless Go" system)

To activate the starter switch fig. 6 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 rear shelf.



6 F1B0014C

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 stopped, the ignition device will automatically move to the STOP position.

NOTE With the engine running, it is possible to go away from the car 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.

NOTE If the device does switch off the engine, refer to the “Display” paragraph in the “Knowing the instrument panel” chapter, where available, and contact the Fiat Dealership as soon as possible.

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 3 km/h.

Turning off

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 has been tampered with (e.g. attempted theft), have it checked over by a Fiat Dealership before driving again.*

3) *Always take the key with you when you leave your car to prevent someone from accidentally operating the controls. Remember to engage the electric parking brake. Never leave children unattended in the car.*

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) that could badly affect performance and safety, invalidate the warranty and also result in non-compliance of the car with type-approval requirements.*

5) *Never extract the mechanical key while the car is moving. The steering wheel will automatically lock as soon as it is turned. This holds true for cars being towed as well.*

6) *Before exiting the car, 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 car, always lock all the doors by pressing the dedicated button on the handle (see "Keyless Entry" in the paragraph "Doors").*

7) *For versions equipped with the Full Keyless System, do not leave the electronic key inside or near the car or in a place accessible to children. Do not leave the vehicle with the ignition device in MAR position. A child could activate the electric window winders, other controls or even start the vehicle.*

FIAT CODE

☞eLUM

The Fiat Code system prevents unauthorised use of the car, 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 SYSTEM

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 car 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 armed by pressing the "door lock" button, located on the door external handle. For more information, refer to the Keyless Entry paragraph a few pages further on.

The system emits a visual and acoustic warning (where provided) and enables door locking.

With the alarm on, warning light A fig. 7 flashes on the instrument panel.

7 F1B0643

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

Locking the doors without engaging the alarm is also always possible by locking the doors by putting the metal insert of the key inside the driver side door lock.

IMPORTANT If the doors are unlocked by putting the metal insert into the driver side door lock, the alarm, if previously enabled, is not disabled. It will be possible to disable the alarm by turning the starter switch to MAR, or by pressing button on the remote control.

TURNING THE ALARM OFF

IMPORTANT Activating the central opening using the metal insert of the key will not turn the alarm off.

DISARMING THE ALARM

To completely deactivate the alarm (e.g. during a long period of car 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 starter switch in the MAR position.

DOORS

eLUG

LOCKING/UNLOCKING DOORS FROM THE INSIDE

Central locking/unlocking

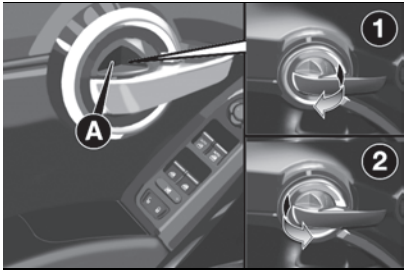
If all doors are closed properly, they will automatically be locked once the vehicle has exceeded 20 km/h ("Autoclose" function). This function can also be disabled using the menu on the instrument panel.

To lock the doors, press the button located on the front door trim fig. 8. To unlock the doors, press the button.

8 F1B0024C

Manual locking/unlocking

Doors can also be locked/unlocked by turning device (A) fig. 9 integral to the front door inner handles.



9 F1B0017C

Operating the rear door device only locks the door concerned.

Position 1: door unlocked

Position 2 : door locked.

Where the function is present, operating the interior handle of one of the two front doors will unlock all the doors and the luggage compartment tailgate according to the mode set using the menu on the display or on the **Uconnect™** system and will open only the concerned door.

LOCKING/UNLOCKING DOORS FROM THE OUTSIDE

Locking 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.

A 2)

Where the automatic mirror folding and opening function is present, the exterior rear-view mirrors will be automatically folded when the central door locking system is operated from the outside.

Door unlocking from the outside

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

Where the automatic mirror opening function is present, the exterior rear-view mirrors will be automatically returned to driving position when the central door locking system is operated from the outside.

KEYLESS ENTRY

(where provided)

3)

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

The system lets you lock/unlock the doors (or the tailgate) without having to press 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.

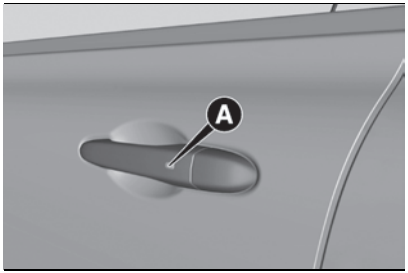
Where the function is provided, grasping the handle of the driver's door unlocks the driver's side door or all doors depending on the mode set using the display menu or the **Uconnect™** system.

Door locking

To lock the doors, proceed as follows:

❒ make sure that you have the electronic key with you and are near the driver or passenger door handle;

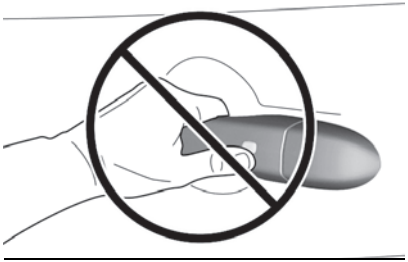
❒ press the "door locking" button (A) fig. 10 on the handle: this will lock all doors and the luggage compartment tailgate. Locking the doors will also activate the alarm (where provided).



10 F1B0063C

IMPORTANT After pressing the "door locking" button, you need to wait 2 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.

IMPORTANT Do not simultaneously lock and unlock by pulling the handle (see fig. 11).



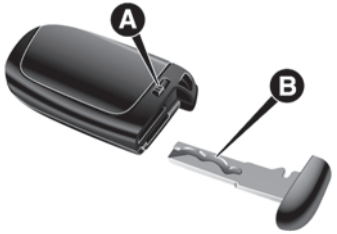
11 F1B0251C

Driver side door emergency opening

If the electronic key does not work (e.g. because its battery is flat), the emergency metal insert inside the key can anyway be used to operate the lock, unlocking the driver side door.

To extract the metal insert, proceed as follows:

❒ use the device (A) fig. 12 and remove the metal insert (B) pulling it outwards;



12 F1B0020C

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

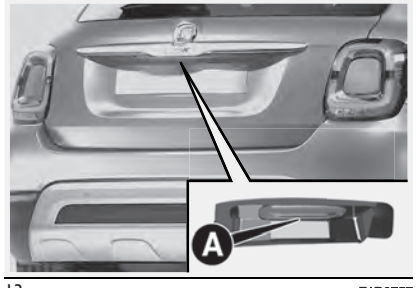
Locking/unlocking the tailgate

Approaching the tailgate with a valid electronic key, press the opening button (A) fig. 13 underneath the tailgate handle to unlock the tailgate.

NOTE If there is an alarm system, the latter will be temporarily disabled only for the luggage compartment area.

After closing the luggage compartment, the alarm system will be reactivated again.

WARNING With the car locked, if the tailgate only is unlocked, if a key is detected inside when it is locked, the tailgate will unlock again and the lights flash twice.



13 F1B0757

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

NOTE Luggage compartment opening is disabled while the car is moving.

While travelling, if the tailgate is closed correctly, it will be locked automatically when the car speed is faster than 20 km/h together with the doors ("Autoclose" function). This function can also be disabled using the menu on the instrument panel.

DEAD LOCK DEVICE

(where provided)

eLUM

8)

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

Activating the device

The device is activated on all doors by pressing the "**FIAT**" button on the key with remote control or for vehicles with Keyless Entry, by pressing the unlock button on the exterior door handle of the car.

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;
- when one of the front handles is gripped on vehicles equipped with Keyless Entry.

CHILD SAFETY DEVICE

9) 10)

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

This device fig. 14 can be engaged only with the doors open:

14 F1B0023C

- 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.

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 device is engaged, it is impossible to open the doors from inside the car. Therefore, before getting out of the car check that there is no-one left on board.*

9) *NEVER leave children unattended inside the car, let alone leave the car 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 device on both rear doors, check that it is actually engaged by trying to open a door with the internal handle.*

IMPORTANT

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 car. If the key is locked inside, it can only be retrieved by using the second key provided.*
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 car. 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

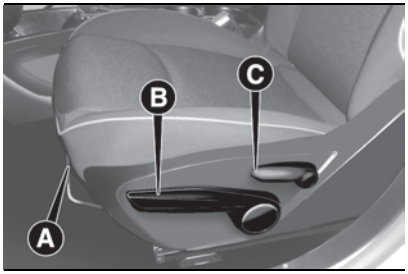
FRONT SEATS WITH MANUAL ADJUSTMENT

11)
4)

Longitudinal adjustment

Lift lever (A) fig. 15 and push the seat forwards or backwards.

12)



15 F1B0019C

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

Height adjustment

(where provided)

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

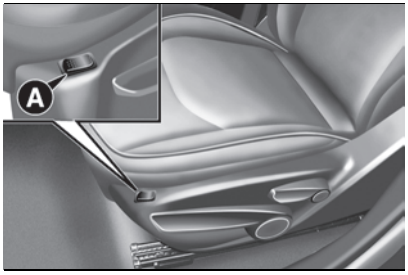
IMPORTANT Make the adjustment while sitting on the seat involved (driver side or passenger side).

Backrest angle adjustment

Use 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 starter switch is at MAR, press button (A) fig. 16 to adjust the lumbar area support for maximum comfort while driving.



16 F1B0016C

ELECTRICALLY ADJUSTABLE FRONT SEATS

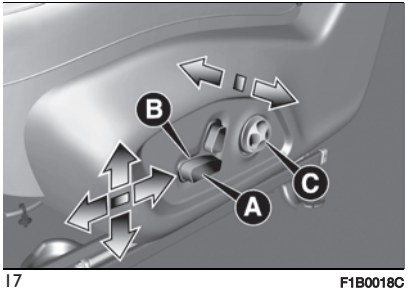
(where provided)

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.



17 F1B0018C

Height adjustment
Use the front part of the switch (A) fig. 17 to modify the height and/or the angle of the seat cushion.

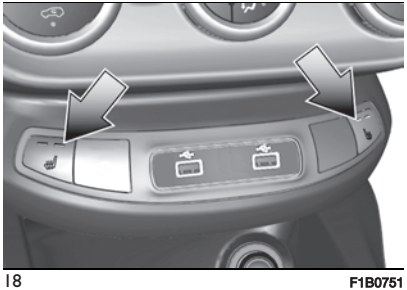
Longitudinal adjustment
Push switch (A) forwards or backwards to move the seat in the corresponding direction.

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 operate the lumbar area device to obtain maximum driving comfort.
IMPORTANT The electrical adjustment is only allowed when the ignition device is turned to MAR and for about 20 minutes after it is turned to STOP. With the ignition device in the STOP position, the electric adjustment of the seats is immediately blocked when the car is locked from the outside.

FRONT SEAT ELECTRIC HEATING

(where provided)
With ignition device at MAR, press buttons fig. 18 on the dashboard.



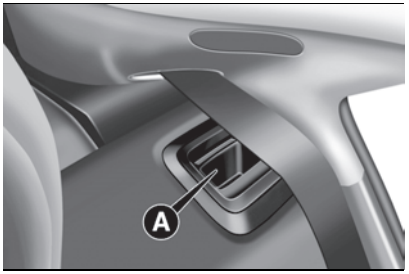
18 F1B0751

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.

Auto On Comfort
(where provided)
The electric heated driver seat is switched on automatically to "maximum heating" whenever the engine is started and the outside temperature is lower than 4.4°C. This function can be activated and deactivated using the **Uconnect™** system Menu.

REAR SEATS

Partial extension of the luggage compartment (1/3 or 2/3)
13)
6)
❒ remove the rear 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. 19 to fold the required backrest section. When the device is released, a red mark becomes visible. Guide the backrest into the folded position with your hands.



19 F1B0027C

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. 19. The presence of a red mark indicates that the respective backrest section is not secured.

WARNING

11) *All adjustments must be made with the car stationary.*
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 car.*
13) *Make sure the backrests are properly secured at both sides (not visible "red notches") to prevent them from moving forward, in the event of sharp braking, with possible impact with the passengers.*

IMPORTANT

4) *The fabric upholstery of the seats has been designed to withstand long-term wear deriving from normal use of the car. Some precautions are however required. Avoid prolonged and/or excessive rubbing against clothing accessories such as metal buckles and Velcro strips which, by applying a high pressure on the fabric in a small 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 car. Some precautions are however required. Avoid prolonged and/or excessive rubbing against clothing accessories such as metal buckles and Velcro strips which, by applying a high pressure on the fabric in a small 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 on the seat cushion.*

HEAD RESTRAINTS

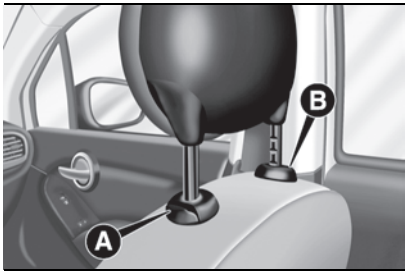
FRONT

14)

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.



20 F1B0029C

Downward adjustment: press button (A) fig. 20 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. 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.

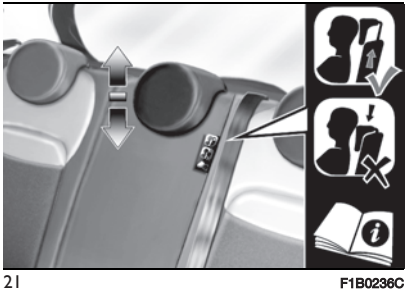
REAR

⚠ 14)

Adjustment

Three head restraints with height-adjustment to 3 preset positions (completely raised / intermediate / completely lowered) are provided for the rear seats

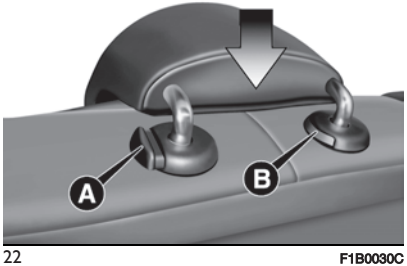
Upward adjustment: raise the head restraint until it clicks into place.



21 F1B0236C

On some versions, the label shown in fig. 21 reminds the passenger using the central rear seat to correctly adjust the head restraint by lifting it up to one of the two possible positions.

IMPORTANT To permit maximum visibility for the driver, if the head restraints are not used, they are moved to the rest position: fully down.



22 F1B0030C

Downward adjustment: press button (A) fig. 22 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. 22 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) *Head restraints must be adjusted so that the head, rather than the neck, rests on them. Only in this case they can protect your head correctly. Any removed head restraints must be repositioned correctly, in order to protect the occupants in the event of a collision: follow the instructions above.*

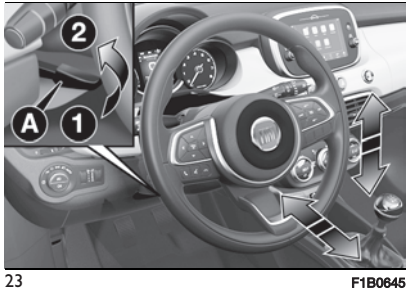
STEERING WHEEL

eLUM

⚠ 15) 16)

ADJUSTMENTS

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



23 F1B0645

To carry out the adjustment move the lever (A) fig. 23 downwards in position 1, then adjust the steering wheel to the most suitable position and then lock

it in this position moving the lever (A) again in position (2).

WARNING

15) *All adjustments must be carried out only with the car stationary and engine stopped.*
16) *It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g.: installation of anti-theft device) that could badly affect performance and safety, invalidate the warranty and also result in non-compliance of the car with type-approval requirements.*

REAR-VIEW MIRRORS

INTERIOR MIRROR

Manual adjustment: Operate lever (A) fig. 24 to adjust the mirror into two different positions: normal or anti-glare.
The mirror is fitted with a safety device that causes its release in the event of a violent impact with the passenger.

24 F1B0033C

Electrochromic mirror

An automatic anti-glare device is fitted on some versions, which automatically modifies its reflecting properties to prevent dazzling the driver fig. 25.
The electrochromic mirror has an ON/OFF button to activate/deactivate the electrochromic anti-glare function.

25 F1B0034C

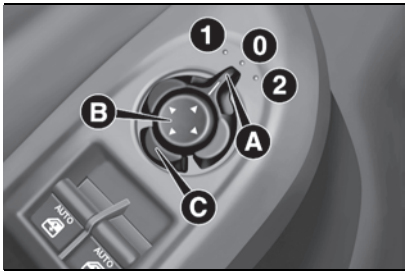
When reverse is engaged, the mirror is automatically set for daytime use.

DOOR MIRRORS

Electric adjustment

17)

Adjusting the mirrors is possible with the ignition device at MAR and for about 3 minutes after the ignition device switches to STOP (or also after the mechanical key has been extracted, for cars equipped with mechanical key with remote control).
When one of the front doors is opened this operation is disabled.
Select the desired mirror using device (A) fig. 26:
- position 1: left mirror selected;
- position 2: right mirror selected;



26 F1B0035C

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

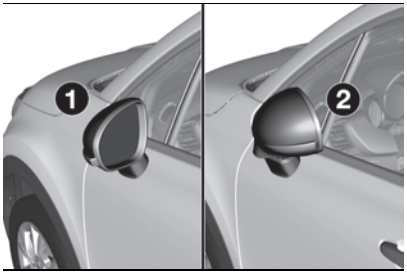
(where provided)

To fold the mirrors, press button (C) . Press the button again to restore the mirrors to the driving position. Once the chosen command has been given, before the mirror reaches the fully open or closed position its direction of travel can be reversed by pressing button (C) again.

It is possible to fold or open the mirrors with the ignition device at MAR and for about 3 minutes after the ignition device switches to STOP (or also after the mechanical key has been extracted, for cars equipped with mechanical key with remote control). When one of the front doors is opened this operation is disabled.

The rear-view mirrors fold automatically when the doors are locked.

IMPORTANT Except when using this function for passing through narrow gaps, when on the move the mirrors must always be kept open (position (1) fig. 27) and must never be folded (position (2)).



27 F1B0340C

Automatic function activation

(where provided)

Where the automatic mirror folding and opening function is present, the mirrors will be automatically folded when the central door locking system is operated from the outside.

The mirrors will automatically return to driving position when the doors are unlocked using the centralised function from the outside of the car or when switching the ignition device from the STOP position to the MAR position.

If the mirrors were folded using device (C) fig. 26, they can only be returned to the driving position using the same device.

Function activation/deactivation using the Uconnect™ system

(where provided)

The **Uconnect™** system menu can be used to activate/deactivate the electric mirror folding function (the default setting for the function is “Active”). For further information refer to the contents of the supplements available online.

Mirrors realignment operation

In case one of the door mirrors has been moved manually it may occur that the mirror itself does not retain its position in a stable way while driving.

In that case it is necessary to carry out the following realignment operation:

❒ manually close the mirror in the parking position, folding it from the position (1) to the position (2) (see fig. 27);

❒ Actuate the mirrors opening control one or two times (C) fig. 26 to realign the system and bring both mirrors in the 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 of the light switch (A) fig. 28, located on the left side of the dashboard, controls operation of headlights, side lights, daytime running lights, dipped beam headlights, fog lights and instrument panel indicator and control button graphic lighting regulation.

28 F1B0206C

The exterior lights, except for the side lights, can only be switched on when the ignition device is at MAR. The instrument panel and the various controls on the dashboard will light 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 glass. 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 to the AUTO position.

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

For further information see “Headlights off delay (Follow me home)” section.

Function deactivation

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

DIPPED BEAM HEADLIGHTS

With the ignition device in MAR position, turn the light switch ring nut to ≡D: side lights, dipped beam headlights and instrument panel will light up; the ≡D warning light will come on in the latter.

DAYTIME RUNNING LIGHTS (DRL)

"Daytime Running Lights"

⚠ 18) 19)

With the ignition device in the MAR position and the light ring turned to the O position, the daytime running lights are automatically activated. The other lights and interior lighting remain off.

The daytime running lights are temporarily deactivated when the direction indicators are activated. When the direction indicators are deactivated, the daylight running lights are reactivated.

FOG LIGHTS

(where provided)

The fog light button is integrated with the light switch. With ignition device in the MAR position, press button ≡D.

With fog lights on, the warning light ≡D on the instrument panel will switch on.

With the ignition device in the MAR position and the fog lights on, the position and number plates lights are on while the daytime running lights are off.

To switch them off, press the button again or turn the light switch ring to O.

The fog lights (for versions/markets, where provided) are switched off by switching on the main beam headlights

or turning the ignition device to the STOP position.

If the ignition device is turned to the STOP position with the fog lights on, they stay on when the key is turned to the MAR position.

"Cornering Lights" function

(where provided)

The function activates with the main beam headlights switched on with a speed lower than 40 km/h. For wide wheel rotation angles or at the switching on the direction indicator, the front fog light on the turning side will light up to extend the night visibility angle.

REAR FOG LIGHT

(where provided)

The button which turns the rear fog light on and off is integrated in the light switch.

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

With rear fog lights on, the warning light on the instrument panel will come on at the same time.

Press the button again to switch off; the rear fog light also switches off automatically by switching off the dipped beam headlights or the fog lights or by switching the ignition device to the STOP position.

PARKING LIGHTS

These can be turned on by turning the light switch ring to the position. The warning light switches on in the instrument panel.

IMPORTANT NOTE Do not select this light switch position when the car is moving, but only to indicate that the car is parked when prescribed by the regulations in force in the country where you are driving (Highway Code).

To turn the lights off, turn the light switch ring to position O

HEADLIGHTS OFF DELAY (Follow me home)

Activation

With multifunction display and Uconnect™ Radio: turn the ignition device to STOP. Within 2 minutes, pull the left stalk to headlight flashing mode: the headlight off delay is activated for 30 seconds. The function can be activated for 7 times in sequence, i.e. up to a total of 210 seconds.

With reconfigurable multifunction display and/or Uconnect™ 7": the headlight off delay can be set (from 0, 30, 60 to 90 seconds) in the Menu.

If the headlight off delay is set to 0 seconds, it is possible to turn on the lights for a predefined time of 30 seconds using the main beam headlights stalk within 2 minutes after stopping the engine.

It is possible to turn on the lights 7 times, for a maximum of 210 seconds.

If the value set on the Menu is different from 0, the lights can be switched of for the predetermined time by taking the ring from position (with the engine running) to position O (with the engine off).

The function can be activated automatically on versions with dusk sensor: turn the ring to the **AUTO** position with the engine running. The dipped beam headlights will be turned on if the sensor detects a low level of light. The headlights off delay is enabled automatically when the ignition device is turned to STOP with the low beam headlights on for the time selected in the Menu.

Deactivation

If the function is activated by using the left steering wheel stalk, the function can be deactivated by holding the left lever in "main beam flashing" mode for longer than 2 seconds or by waiting for the deactivation time shown on the display.

The function cannot be deactivated if it is activated using the light line. The headlights will be switched off at the end of the set time.

Turning the ignition device to the MAR position will deactivate the function.

MAIN BEAM HEADLIGHTS

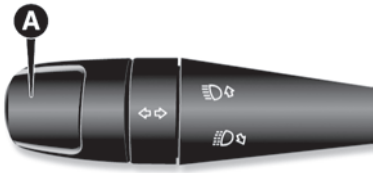
To activate the fixed main beam headlights, with the ignition device in MAR, push left lever (A) fig. 29 towards the dashboard. The light switch should be turned to **AUTO** with the dipped beam headlights on, or it should be turned to position ≡D.

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

Flashing the headlights

Pull the lever (A) fig. 29 towards you; when released it returns automatically to the stable, central position.

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



29 F1B0037C

Automatic main beam headlights

(where provided)

In order not to disturb other road users, the main beam headlights are automatically turned off when approaching oncoming vehicles or when following a vehicle travelling in the same direction.

This function can be set using the display Menu (see the instructions in the "Display" paragraph, "Knowing the instrument panel" chapter); to activate it, turn the light switch ring to **AUTO**.

The function is activated by pushing the stalk toward the dashboard (stable position); the ≡A warning light comes on in the instrument panel. The ≡D warning light will also come on in the instrument panel with main beam headlights on. If the car is stopped with the setting just described, when it is restarted the automatic main beam headlight function will have to be set again: return the lever to the central position and push it towards the instrument panel as before.

When the speed is over 40 km/h and the function is active, returning the lever to the stable central position deactivates the function and switches the main beam headlights off.

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

If the lever is pulled back to the central stable position and then pushed towards the instrument panel again and left there, this is interpreted as a request for permanent main beam headlights: the light illuminates on the instrument panel and the main beam headlights remain on until the car's speed rises back above 40 km/h. Above this speed, the function is automatically reactivated and the ≡A light illuminates again on the instrument panel.

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

DIRECTION INDICATORS

Bring the left stalk A fig. 29 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) are switched on.

"Lane Change" function

To indicate a change of lane with the car moving, move the left lever to the non-stable position for less than half a second.

The direction indicator on the side selected will be activated for 5 flashes and then go out automatically.

COURTESY LIGHTS

With the ignition device in the MAR position, this function can be used to activate the side/tail lights and the number plate lights for 25 seconds whenever the doors are unlocked using the remote control or the Keyless Entry function.

The courtesy light function can be adjusted through the display Menu or the **Uconnect™** system.

The function is automatically disabled once the activation time elapses (25 seconds), or when the car doors are locked again, or by turning the ignition device to a position other than MAR.

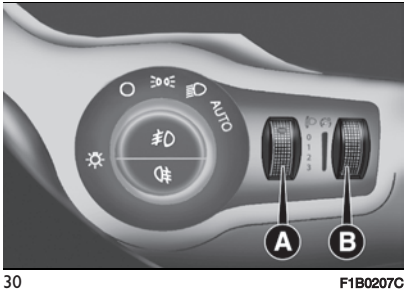
HEADLIGHT ALIGNMENT ADJUSTMENT

Headlight alignment corrector

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

Turn the ring (A) fig. 30 to adjust.

❒ **Position 0**: 1 or 2 occupants on front seats;
❒ **Position 1**: 4 or 5 occupants
❒ **Position 2**: 4 or 5 occupants+ load in the boot
❒ **Position 3**: driver + maximum admissible load stowed only in the luggage compartment.



30 F1B0207C

IMPORTANT NOTE Check the headlight position every time the load weight is changed.

INSTRUMENT PANEL AND CONTROL BUTTON GRAPHIC BRIGHTNESS ADJUSTMENT

With side lights or headlights on, turn ring nut (B) fig. 30 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 headlights while driving during the daytime 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.*

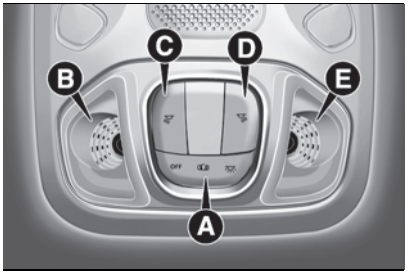
INTERIOR LIGHTS

FRONT CEILING LIGHT

Switch (A) fig. 31 is used to switch on/off the ceiling light bulbs.

Switch positions (A):

❒ 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 left ( ): lights (B) and (E) are always switched on.



31 F1B0041C

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

Ceiling light timing

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

- Timing while getting into the car
- Timing while getting out of the car.

WINDSCREEN WIPER/REAR WINDOW WIPER

eLUM

Operation is only possible with the ignition device at MAR.

WINDSCREEN WIPER / WASHER

Operation

7) 8)

20)

The ring (A) fig. 32 can be set to the following positions:

O screen wiper off.

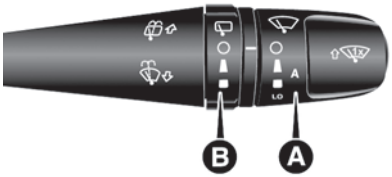
fixed intermittent wipe (slow)

intermittent flick linked to the speed

LO constant slow wipe

HI constant fast wipe

MIST function



32 F1B0635C

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 automatically stopped.

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 the ring nut (A) fig. 32 in position O, the screen wiper is not activated. In position , the pause time between the strokes of the screen wiper is 10 seconds, independently of the car speed. In position , the pause time between two strokes is set according to the vehicle speed: when the speed increases, the time between two strokes decreases. In position **LO** or **HI**, the windscreen wiper moves continuously, i.e. without a pause between two strokes.

"Smart washing" function

Pull the stalk towards the steering wheel (unstable position) to operate the windscreen washer.

When the stalk is held pulled for longer than half a second, the windscreen wiper moves with active control.

Releasing the stalk will activate three strokes.

With the ring (A) fig. 32 turned to position **LO** or **HI**, the smart washing function is not carried out.

IMPORTANT If the stalk is activated for less than half a second, only the windscreen washer jet is activated. Do not prolong the activation of the "Smart Washing" function for more than 30 seconds. Do not activate the screen washer control when the reservoir is empty.

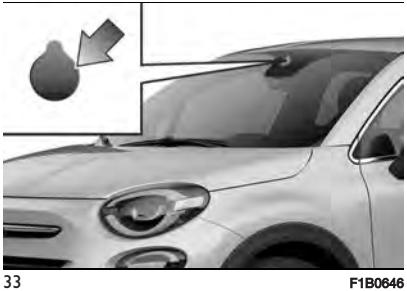
RAIN SENSOR

(where provided)

9) 10)

This is located behind the interior rear view mirror fig. 33, in contact with the windscreen and can measure the amount of rain and, consequently, manage the automatic wiping mode of the windscreen in accordance with the amount of water on the screen.

The rain sensor will be activated when the ignition device is turned to MAR. If no rain is detected, the wiper will not carry out any strokes. If it is raining, the windscreen wiper moves according to the amount of rain measured by the sensor.



33 F1B0646

The device is able to recognise, and automatically adjust itself in the presence of the following conditions:

- presence of dirt on the surface (e.g. salt, dirt, etc.);
- presence of streaks of water caused by the worn window wiper blades;
- difference between day and night.

The rain sensor will be deactivated only when the ignition device is turned to STOP.

IMPORTANT Keep the window clean in the sensor area.

AUTOMATIC WIPING

Activation

The automatic wiping can be chosen by the driver by selecting the rain sensor from the display Menu or on the **Uconnect™** system and rotating the ring nut (A) fig. 32 to position or .

These will be used to set the sensibility level of the rain sensor: in position , the sensor has a lower sensitivity and the screen wipers will activate when there is a significant amount of water on the screen, while in position , the screen wipers will be activated by a minimum amount or measured rain.

The activation of the automatic wiping will be notified to the driver by a single stroke.

The same stroke will be visible every time the sensor sensitivity is increased, by rotating the ring nut from position to position .

The "Smart Washing" function activates the normal washing cycle, after which the automatic wiping function is restored. The failure of the sensor is indicated by the symbol lighting up on the display.

If the rain sensor malfunctions, the wiper mode can be modified according to the requirements. The malfunction signal remain active during the operation time of the sensor or until the device is reset.

Inhibition

Moving the starter switch to the STOP position, leaving the ring nut (A) in position or , when the vehicle is next started (starter switch at MAR), no wiping cycle occurs for system protection reasons.

This temporary inhibition prevents unwanted activation of the wipers when the car is started (i.e. when the windscreen glass is being washed by hand or the wipers are stuck to the screen by ice).

It is possible to reactivate the automatic wiping mode in three ways:

- by rotating the ring to position O and then again to position ▲ or ■
- by moving the start upwards to position MIST
- upon exceeding the 5 km/h speed with the rain sensor

When the windscreen wiper is reactivated using any of the manoeuvres described above, reactivation is indicated by a single stroke of the windscreen wipers, regardless of the condition of the windscreen.

IMPORTANT For automatic transmission vehicles with rain sensor, engaging the gear N (Neutral) inhibits the automatic wiping mode.

Deactivation

It is possible to deselect the automatic wiping through the display Menu or the **Uconnect™** system, or by rotating ring nut (A) to any non-intermittent position (▲ or ■).

Service Position

The function allows the driver to replace the windscreen wiper blades more easily, protecting them also from ice and/or snow.

Activation

To activate this function, deactivate the windscreen wiper (ring (A) fig. 32in position O) before setting the ignition device to STOP. This function can only be activated within 2 minutes of setting the ignition device to STOP.

To activate this function, move the lever upwards (unstable position) for at least half a second.

Each time the function is activated correctly, the wiper blades move to signal the correct reception of the command. The command can be repeated up to a maximum of the three times.

The fourth repetition of the command deactivates the function.

If, after using the function, the ignition device is set back to MAR with the blades in a position other than rest position (at the base of the windscreen), they will only return to rest position following a command given using the stalk (stalk upwards, into unstable position) or when a speed of 5 km/h is exceeded.

IMPORTANT Before activating the function, make sure, when starting the engine, that the windscreen is free of snow or ice.

Deactivation

The function is deactivated if:

- 2 minutes have passed since the ignition device was set to STOP;
- the ignition device is set to MAR and the blades are in rest position;
- the ignition device is set to MAR and a wiping command is carried out.

REAR WINDOW WIPER/WASHER

Turn the ring (B) fig. 32 to set the rear window wiper to operate in the following modes:

- continuous: when ring is in ■ position;
- intermittent: when ring is in the ▲ position and the windscreen wiper is stationary;
- synchronous: when the rear window wiper ring is in the ▲ position and the windscreen wiper is moving or set to AUTO. In this mode, the rear window wiper makes one stroke for each two strokes of the screen wiper;
- single flick: with the selector in the O position, the windscreen wiper on and reverse gear engaged.

Push the stalk towards the dashboard (rocking position) to activate the rear

window washer jet. Keep pushing the lever to automatically activate both the rear window washer jet and the rear window wiper with a single movement.
Releasing the stalk will activate three strokes, as described for the windscreen wiper. The smart wash cycle will not be performed if the ring is in position ■.

Deactivation
The function stops when the stalk is released.

WARNING

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

IMPORTANT

7) *Never use the screen wiper to remove layers of snow or ice from the windscreen glass. In such conditions, the wiper may be subjected to excessive stress and the motor cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not restored (even after turning the key and restarting the engine), contact a Fiat Dealership.*
8) *Do not operate the windscreen wiper with the blades lifted from the windscreen.*
9) *Do not activate the rain sensor when washing the car in an automatic car wash.*

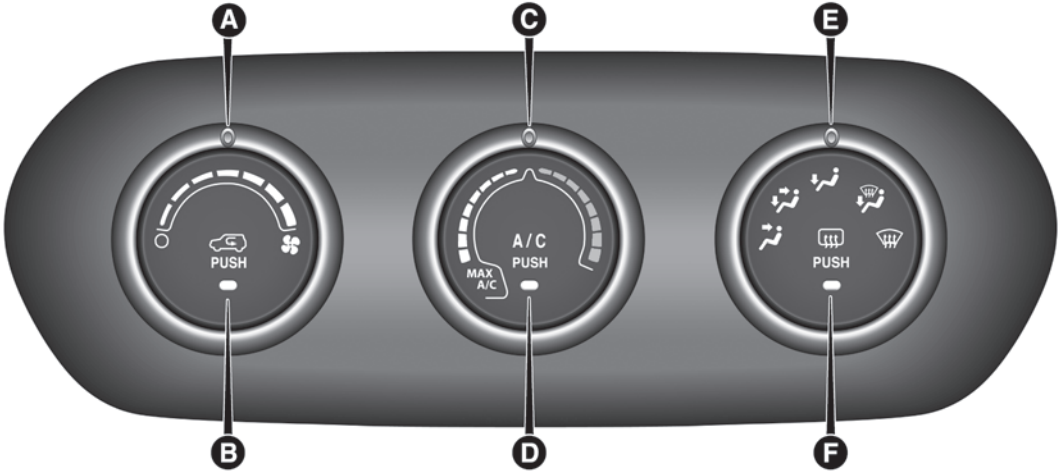
10) *Make sure the device is switched off if there is ice on the windscreen glass.*

CLIMATE CONTROL SYSTEM

eLUM

2)

MANUAL AIR CONDITIONER/ HEATER



34 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 on:
- blue section = cold air
- red section = hot air

D - air conditioning compressor on/off button (not provided for versions with heating only);

E - air distribution knob:
air flow from central and side vents
air flow from the front and rear footwell vents and a light air flow also from the side vents on the dashboard
air flow from the front and rear footwell vents, to the windscreen, the side windows and a light air flow also at the side vents on the dashboard
air flow 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 air conditioning 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.

Auto On Comfort

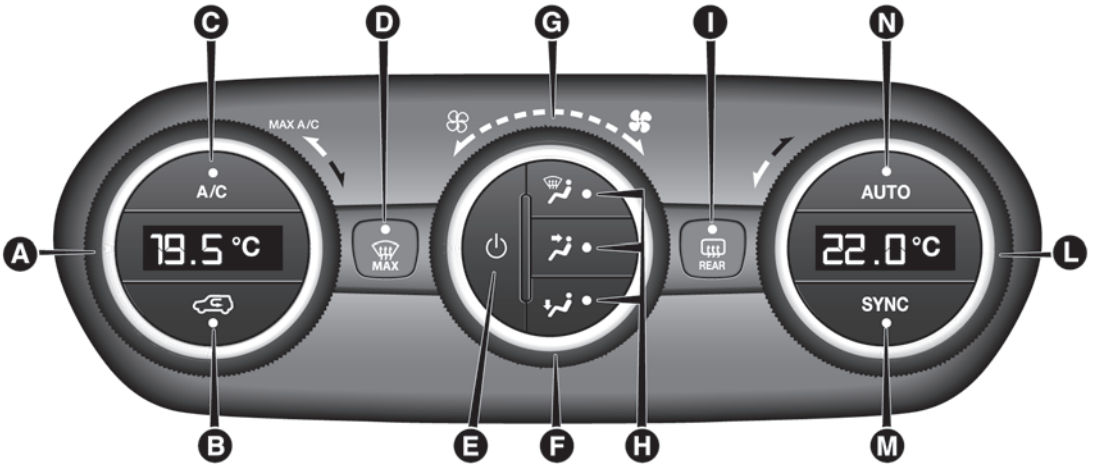
(where provided)
The rear window heater is switched on automatically whenever the engine is started and the outside temperature is lower than 4.4°C. This function can be activated and deactivated using the **Uconnect™** system Menu.

Additional heater

(where provided)
The additional heater ensures more rapid passenger compartment heating.
It activates in cold weather conditions, if the following conditions occur:
- ❒ 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



35 F1B0051C

A. driver side temperature adjustment knob;
B. internal air recirculation on/off button;
C. climate control compressor on/off button;
D. MAX DEF function activation button (fast front window defrosting/demisting);
E. climate control system 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. temperature adjustment knob passenger side;
M. driver/passenger SYNC function activation button (alignment of set temperatures);

N. AUTO function activation button (automatic operation).

Auto On Comfort

(where provided)

The rear window heater is switched on automatically whenever the engine is started and the outside temperature is lower than 4.4°C. This function can be activated and deactivated using the **Uconnect™** system Menu.

Air distribution selection

❒ Air flow to the windscreen and front side window vents 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 vents. 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 air 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 effectively and prevents the windows from misting.

❒ + Air flow distributed between central and side dashboard vents and windscreen and front side window vents. This allows air to be sent to the windscreen in conditions of strong sunlight.

❒ + + Air flow distribution to all diffusers on the vehicle.

+ + 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, the 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 car speed is 0 km/h) to ensure adequate comfort inside the car. When the Start&Stop system is on (engine off and car 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).

IMPORTANT

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

eLUP1

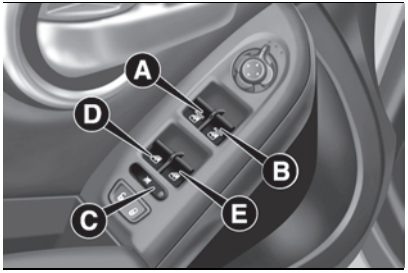
21)

Moving the windows up and down is possible with the ignition device at MAR and for about 3 minutes after the ignition device switches to STOP (or also after the mechanical key has been extracted, for cars equipped with mechanical key with remote control). 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. 36.

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



36 F1B0066C

❒ B: right front window opening/closing. "Automatic continuous" operation during window opening/closing and anti-pinch system activated (where provided);

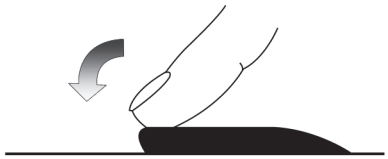
❒ C: enabling/disabling of rear door electric window controls;

❒ D: left rear window opening/closing (if present). "Automatic continuous" mode for opening only;

❒ E: right rear window opening/closing (if present). "Automatic continuous" mode for opening only.

Window opening

Push the buttons to open the desired window fig. 37.



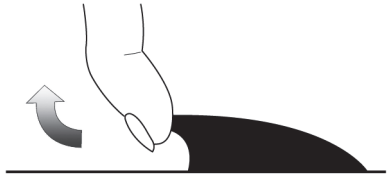
37 F1B0067C

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 or lifted again, the window will stop in the desired position.

Window closing

Lift the buttons to close the desired window fig. 38.



38 F1B0068C

When any of the buttons on front or rear doors is raised briefly, the window moves in steps. Hold the front window control up to activate "continuous automatic" operation. If the button is pressed or lifted again, the window will stop in the desired position.

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 is therefore lowered by about 5 cm from its initial stop position. The window cannot be operated in any way during this time.

Front 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 holding up the button;

❒ once the window has closed completely, keep holding the button down for at least a further 3 seconds;

❒ open the window by holding down the button;

❒ once the window has opened completely, keep holding the button down for at least a further 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 hit by it. 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 SUNROOF

(where provided)

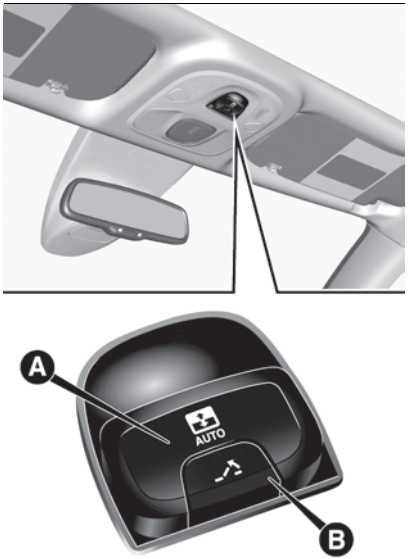
22) 11)

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 blinds.

The sun roof can only operated with the ignition device at MAR.

OPENING

Press button (A) fig. 39: the roof will open up completely.



39 F1B0069C

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

CLOSING

Press button (A) fig. 39: the roof will close up completely.

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

"VENT" FUNCTION ("SWIVEL" ROOF OPENING)

To bring the roof into "swivel" position, press and release button (B) fig. 39.

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.

Press button (B) again during automatic opening or closing to stop movement of the sunroof.

SUN BLIND MOVEMENT

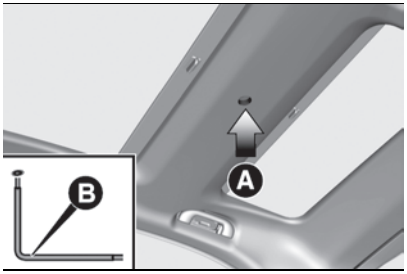
The blind is manually-operated: it can be stopped in any position.

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 MANOEUVRE

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



40 F1B0070C

❒ remove protective cap (A) fig. 40 on the interior trim;
❒ take the hex wrench (B) provided;
❒ introduce the hex wrench (B) in the housing (A);
❒ turn the hex wrench (B): clockwise to open the sunroof or anticlockwise to close it.

INITIALISATION PROCEDURE

Following a sunroof malfunction or after an emergency manoeuvre (see description in the previous paragraph), the automatic operation of the sunroof must be initialised again.

Proceed as follows:

❒ press button (A) fig. 39 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;
❒ press button (A) and keep it pressed for at least 10 seconds, after which the electric motor of the sunroof will be heard reaching the mechanical stop;
❒ within 5 seconds, press button (A) and hold it down: the sunroof will perform a complete opening and closing cycle automatically (to indicate that the initialisation has been successful). If this does not occur, the procedure must be restarted from the beginning.

WARNING

22) *When leaving the car, always remove the key (where present) from the ignition device to avoid the risk of injury due to accidental operation of the sunroof. Improper use of the roof can be dangerous. Before and during operation, always check that no-one is exposed to the risk of being injured by the moving sunroof or by objects getting caught or hit by it.*

IMPORTANT

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

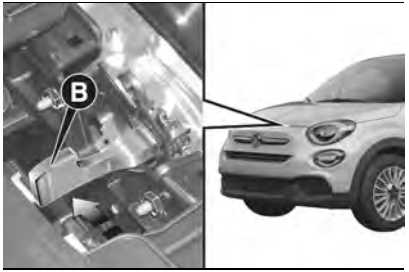
OPENING

Proceed as follows:

❒ pull the lever (A) fig. 41 in the direction indicated by the arrow;

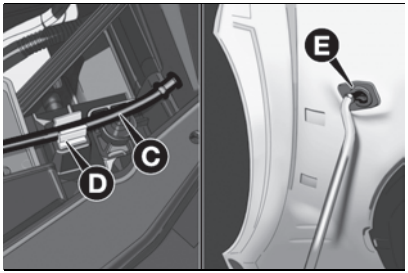
41 F1B0500C

❒ operate lever (B) fig. 42, in the direction indicated by the arrow, and raise the bonnet;



42 F1B0648

❒ release the support rod (C) fig. 43 from its catch (D), then insert the rod end into the recess (E) of the bonnet.



43 F1B0073C

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

⚠ 23) 24) 25)

CLOSING

⚠ 26)

Proceed as follows:

❒ hold the bonnet up with one hand and with the other remove rod (C) fig. 43 from recess (E) and fit it back into the catch (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 properly to avoid its opening while the vehicle is travelling.

WARNING

23) *Perform these operations only when the car is stationary.*
24) *The bonnet may drop suddenly if the supporting rod is not positioned correctly.*
25) *Use both hands to lift the bonnet. Before lifting, check that the windscreen wiper arms are not raised from the windscreen, that the car is stationary and that the electric parking brake is engaged.*
26) *For safety reasons, the bonnet must always be properly closed while driving. Therefore, make sure that the bonnet is properly closed and that the lock is engaged. If you discover that the bonnet is not perfectly closed while driving, stop immediately and close the bonnet in the correct manner.*

BOOT

eLUM

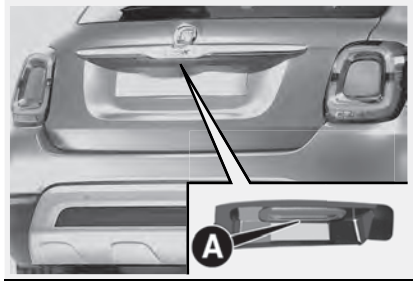
The luggage compartment unlocking is electrically operated and is deactivated when the car is in motion.

OPENING FROM THE OUTSIDE

27)

Opening from the outside

When unlocked, the tailgate can be opened from outside the car using the power handle (A) fig. 44 positioned under the tailgate edge until the unlocking click is heard or quickly pressing twice the button ×2 on the remote control.



44 F1B0757

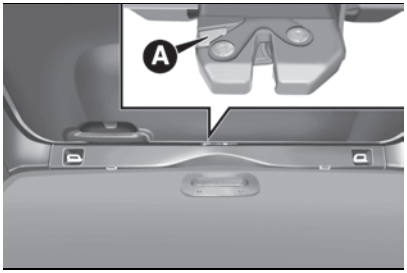
The direction indicators will flash twice when the tailgate is opened and at the same time the ceiling light inside the boot will turn on; the ceiling light will automatically switch off when the tailgate is closed (see also "Interior lights").

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

Emergency opening from the inside

Proceed as follows:

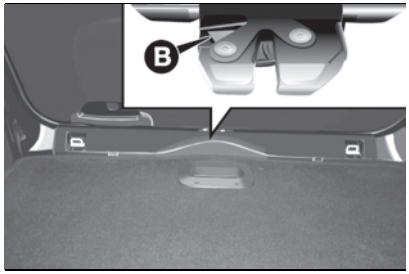
❒ lower the head restraints and fold the backrests;



45 F1B0075C

❒ identify and remove yellow guard (A) fig. 45, which is press-fitted on the lock, using the screwdriver provided;

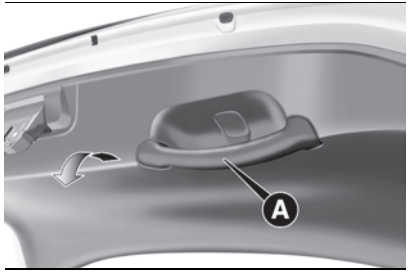
❒ insert the screwdriver in order to activate tab (B) fig. 46, for mechanical release of the lock.



46 F1B0076C

CLOSING

Grip handle (A) fig. 47 and lower the tailgate, pressing next to the lock until it clicks.



47 F1B0077C

IMPORTANT With the doors closed, before closing the boot make sure that you have the keys with you because the boot will be locked automatically.

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 luggage compartment;
❒ press the "**FIAT**" button on the remote control;
❒ press the button on the remote control.

LOAD COMPARTMENT FEATURES

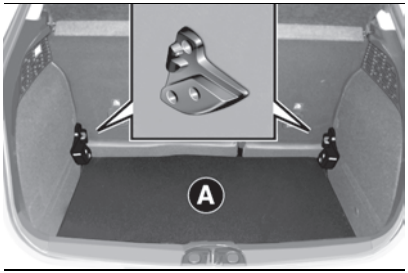
Reconfigurable load platform

12)

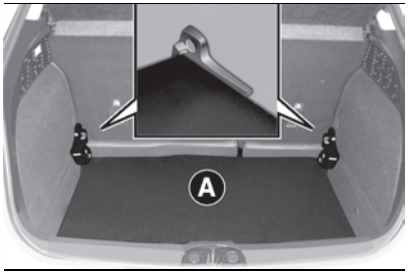
The car is equipped with a reconfigurable load platform A, which makes the boot volume modular:
The load platform can be set to 2 different positions:

❒ **Floor level (low)** fig. 48: allows you to exploit the entire volume of the boot.
❒ **Threshold level (high)** fig. 49: 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 luggage compartment. It also allows the space underneath (double 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 luggage compartment.



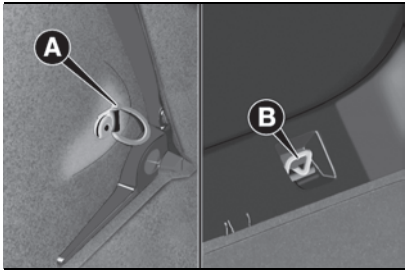
48 F1B0327C



49 F1B0328C

Anchoring your load

Four hooks may be arranged in the corners of the boot, according to the versions, at the corners of the boot (two at the front (A) fig. 50 and two at the rear (B)) for attaching cables for firmly securing the carried load.



50 F1B0079C

EMERGENCY KIT

(where provided)
Inside the kit, located in the luggage compartment, are a fire extinguisher and a first-aid bag.

WARNING

27) *Be careful not to hit objects on the roof rack when you open the tailgate.*

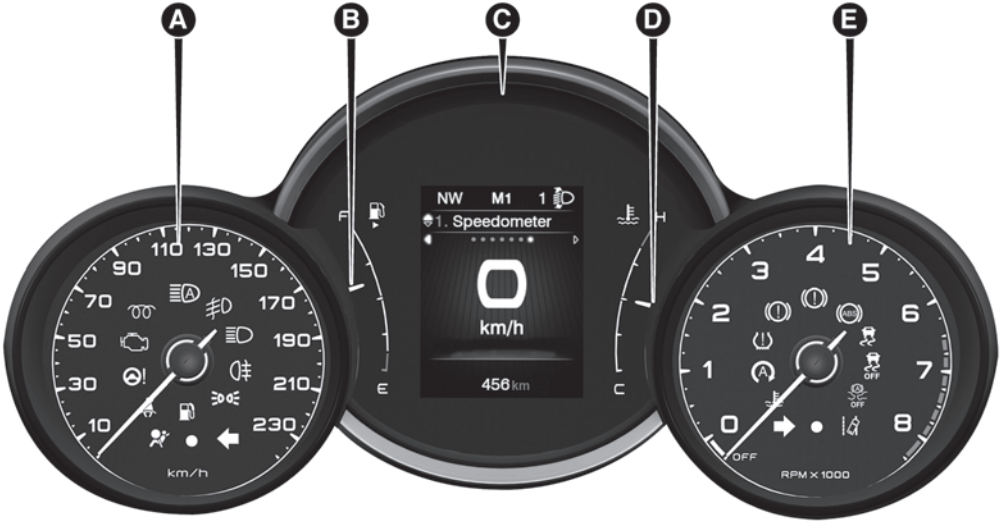
IMPORTANT

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

KNOWING THE INSTRUMENT PANEL

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

DASHBOARD AND INSTRUMENT PANEL



51 F1B0640

A. Speedometer 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 present on Diesel versions only.

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

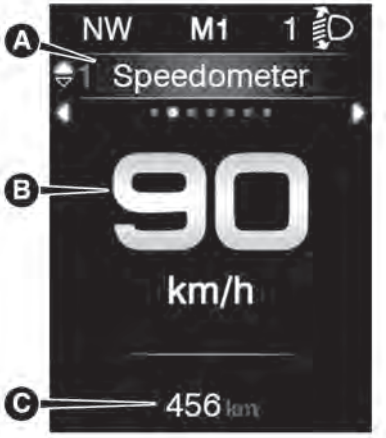
DISPLAY

eLUM

DESCRIPTION

The car 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 F1B0651

❒ **A**: time, Gear Shift Indicator (where provided), gear engagement (versions with automatic transmission only), outdoor temperature, compass readings (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 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.

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 F1B0726

❒ △ / ▽: 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 screens 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:

❒ SPEED

❒ TRIP

❒ DRIVE MODE SELECTOR (where provided) / GSI

❒ VEHICLE INFO

❒ DRIVER ASSIST
❒ AUDIO
❒ PHONE
❒ NAVIGATION
❒ ALERTS
❒ VEHICLE SETUP

Vehicle info

This menu item displays the information on the vehicle conditions: Tyre pressure, oil temperature, Service (scheduled maintenance), AdBlue.

AdBlue

This screen fig. 54 shows the level of AdBlue® in the tank expressed as a percentage.

54 F1B0761

Vehicle Setup (Change car settings)

This menu item allows you to change the settings for:

❒ Vehicle off (where provided);
❒ Display;
❒ Units;
❒ Clock & Date;
❒ Safety;
❒ Safety & Assistance;
❒ Lights;
❒ Doors & Locks.

Vehicle off (where provided)

This is used to switch off the engine in the event of a Keyless Enter-N-Go system fault, following the procedure described on the display.

Display

By selecting item "Display" you can access the settings/information regarding: "Language", "See phone", "See navigation", "Automatic Trip B reset", “Drive Mode Selector Repetition” (where provided), "Display settings".

Units

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

Clock & Date

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

Safety

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 LED **ON** 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 paragraph **Uconnect™** in the dedicated chapter.

Lights

Select item "Lights" to make the following adjustments: "Interior Ambient Lights", "Headlight Sensor", "Follow me", "Illuminated Approach", "Auto high beams", "Daytime Lights".

Doors & Locks

Select item "Doors & Locks" to make the following adjustments: "Autoclose", "Aut. unl. on exit", "Flash Light w/Lock", "Horn with Lock", "Horn with remote start", "Remote Unlock", "Door Unlock" (versions with Keyless Entry), "Keyless Entry".

NOTE With the **Uconnect™** system, some Menu items are shown and managed on the display of the latter and not on the instrument panel display (refer to the Multimedia chapter or to the supplement available online).

TRIP COMPUTER

eLUM

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

This function is characterised by two separate records, called “Trip A” and “Trip B”, where the car’s “complete missions” (journeys) are recorded in a reciprocally independent manner.

The "Instant information" screens show the following quantities:

- Instantaneous consumption
- Range

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

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

55 F1B0726

To reset the values, press and hold down the **OK** fig. 55 button on the steering wheel.

NOTE “Range” and “Instantaneous fuel consumption" parameters 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. In the event of a failure indication, always refer to the contents of this chapter.
IMPORTANT Failure indications displayed are divided into two categories: very serious and less serious failures. Serious faults are indicated by a repeated and prolonged warning "cycle". Less serious faults are indicated by a warning "cycle" with a shorter duration. The display cycle of both categories can be interrupted. The instrument panel warning light will stay on until the cause of the failure is eliminated.

Warning light	What it means
 red	INSUFFICIENT BRAKE FLUID / ELECTRIC PARKING BRAKE ON **Low brake fluid level** The warning light turns on when the level of 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.
 red  yellow	EBD FAILURE The simultaneous switching on of the (red) and (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
 red	ELECTRONIC ALARM The warning light turns on when the electronic alarm is activated (deterrent function).
 red	SEAT BELTS REMINDER The warning light switches on constantly if the car 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.
 red	AIR BAG FAILURE If the warning light switches on constantly, this indicates a failure in the airbag system. ⚠ 28) 29)
 red	ENGINE COOLANT TEMPERATURE TOO HIGH The warning light (or the icon on the display on some versions) switches on when the engine is overheated. **In normal driving conditions**: stop the car, stop the engine and check that the water level in the reservoir is not below the MIN mark. In this case, 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 itself. 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 car is used under demanding conditions** (e.g. in high-performance driving): slow down and, if the warning light stays on, stop the car. 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.
 red	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.

Warning light	What it means
 yellow	iTPMS **iTPMS failure** When an iTPMS system failure is detected, the light flashes for 75 seconds, then stays on and a warning message appears. This also happens if there are one or more wheels without sensors, 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 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. 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. Once the normal operating conditions of the car are restored, carry out the "Reset" procedure. WARNING Do not continue driving with one or more flat tyres as the car handling may be compromised. Stop the vehicle, avoiding sharp braking and steering.
 yellow	ABS FAILURE The warning light switches on to indicate an ABS fault. In this case the braking system maintains its efficiency unaltered but without the advantage of the ABS system. Drive carefully and contact a Fiat Dealership as soon as possible.
 yellow	ESC SYSTEM **ESC system activation** Intervention by the system is indicated by the flashing of the warning light: it indicates that the car 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.

Warning light	What it means
 yellow	**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.
 yellow	PARTIAL / TOTAL DEACTIVATION OF ACTIVE SAFETY SYSTEMS The turning on of the warning light indicates that some safety systems have been partially deactivated by a driver's request.
 yellow	REAR FOG LIGHT The warning light switches on when the rear fog light is activated.
 yellow	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 light	What it means
 yellow	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 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 car with the warning light on fixed 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. AdBlue® (UREA) INJECTION SYSTEM FAILURE (Diesel versions) (where provided) The warning light switches on, together with a dedicated message on the display (for versions/markets, where provided) if a fluid not conforming with the nominal characteristics is inserted or if an average consumption of AdBlue® (UREA) over 50% is detected. Contact a Fiat Dealership as soon as possible. If the problem is not solved, a specific message will appear on the instrument panel display whenever a certain threshold is reached until it will no longer be possible to start the engine. When 200 km will remain to prevent the engine restart, a continuous dedicated message will appear on the dashboard (for versions/markets, where provided) accompanied by an acoustic warning sound.

Warning light	What it means
 yellow	LANE ASSIST SYSTEM The warning light switches on as follows: *Warning light continuously on (white):* the system is activated, but the lane limits were not detected (the lane lines are grey). *Warning light on and flashing (amber):* the car has approached the lane line and is about to pass it. *Warning light switched on continuously (green):* the system has detected the limits of both lanes. The system will act on the steering wheel if the lane was passed unintentionally.
 yellow	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.
 yellow	FULL BRAKE CONTROL OFF The warning light comes on when the Full Brake Control system is deactivated by the driver or in the event of automatic deactivation following a temporary system failure. Contact a Fiat Dealership as soon as possible.
 yellow	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. 14)

Warning light	What it means
 green	SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS The warning light switches on when the side lights or dipped headlights are turned on. This function allows the headlights to remain on for a long time after the ignition device was turned to the STOP position ("Follow me" function).

Warning light	What it means
 green	AUTOMATIC MAIN BEAM HEADLIGHTS This warning light comes on when the automatic main beam headlights are activated.
 green	FOG LIGHTS The warning light comes on when the front fog lights are turned on.
 green	LEFT DIRECTION INDICATOR The warning light switches on when the direction indicator control stalk is moved downwards or, together with the right direction indicator, when the hazard warning light button is pressed.
 green	RIGHT DIRECTION INDICATOR The warning light switches on when the direction indicator control stalk is moved upwards or, together with the left direction indicator, when the hazard warning light button is pressed.
 green	START&STOP SYSTEM ACTIVATION The warning light appears to indicate that the Start&Stop system is operating (engine off). When the engine is restarted the warning light switches off (for the engine restarting modes see the "Start&Stop system" paragraph in the "Starting and driving" chapter).
 green	RUNNING ON PETROL The warning light turns on when running on petrol.

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

SYMBOLS ON THE DISPLAY

Symbol	What it means
 red	LOW ENGINE OIL PRESSURE The symbol switches on, together with a message on the display, if there is insufficient engine oil pressure. 15) IMPORTANT Do not use the vehicle until the failure has been solved. The switching on of the symbol does not show the quantity of oil in the engine: the oil level must be checked manually.
 red	AIR BAG FAILURE If the symbol switches on constantly, this indicates a failure in the airbag system. Contact a Fiat Dealership as soon as possible.
 red	BONNET NOT PROPERLY SHUT The symbol switches on when the engine bonnet is not properly shut. Close the bonnet properly.
 red	TAILGATE NOT PROPERLY SHUT The symbol switches on when the tailgate is not properly shut. Close the tailgate correctly.
 red	AT9 AUTOMATIC TRANSMISSION FAILURE / DUAL CLUTCH AUTOMATIC TRANSMISSION FAILURE The symbol turns on to indicate that there is a failure in the automatic transmission or in the dual clutch automatic transmission. Contact a Fiat Dealership as soon as possible. 16)
 red	ALTERNATOR FAILURE The switching on of the symbol with engine on corresponds to an alternator failure. Contact a Fiat Dealership as soon as possible.
 red	DOORS OPEN The symbol switches on when one or more doors are not completely shut. An acoustic signal is activated with the doors open and the car moving. Close the doors properly.

Symbol	What it means
 yellow  yellow	FULL BRAKE CONTROL SYSTEM FAILURE The symbols switch on (with the displayed message) in the case of failure of the Full Brake Control system. Contact a Fiat Dealership as soon as possible.
 yellow	LANE ASSIST SYSTEM FAILURE The symbol comes on in the case of permanent Lane Assist system failure. Contact a Fiat Dealership as soon as possible.
 yellow	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.
 yellow	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.
 yellow	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.
 yellow	EXCESSIVE AT9 AUTOMATIC TRANSMISSION OIL TEMPERATURE / EXCESSIVE DUAL CLUTCH AUTOMATIC TRANSMISSION OIL TEMPERATURE 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.

Symbol	What it means
 yellow	AUDIO SYSTEM FAILURE The symbol switches on to report a failure of the audio system. Contact a Fiat Dealership as soon as possible.
 yellow	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.
 yellow	RAIN SENSOR FAILURE The symbol switches on in the case of failure of the rain sensor. Contact a Fiat Dealership as soon as possible.
 yellow	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.
 yellow	KEYLESS GO SYSTEM FAILURE The symbol switches on in the event of Keyless Go system failure. Contact a Fiat Dealership as soon as possible.
 yellow	POSSIBLE ICE ON ROAD The symbol turns on when the outside temperature falls to or below 3°C. IMPORTANT In the event of outside temperature sensor failure, the digits that indicate the value are replaced by dashes.
 yellow	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.

Symbol	What it means
 yellow	4x4 ALL-WHEEL TRANSMISSION SYSTEM FAILURE The symbol turns on to indicate that there is a failure in the four-wheel drive system. Contact a Fiat Dealership as soon as possible.
 yellow	DRIVE MODE SYSTEM OVERHEATING The symbol appears, together with a dedicated message on the display, in case of overheating of the Drive Mode Selector system. In these conditions, the Drive Mode Selector system can still be used to select the required driving mode but the mode will be engaged only when the system cools down. The symbol will stay on for as long as the overheating condition persists.
 yellow	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; brake lights, LED dipped beam headlights (where provided). The failure may be caused by a blown bulb, a blown protection fuse or an interruption of the electrical connection.
 yellow	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.
 yellow	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. 17)

Symbol	What it means
 yellow	DPF CLEANING (particulate trap) in progress (diesel versions with DPF only) The symbol switches on constantly while driving (along with a message in the display), to indicate the presence of water in the diesel filter. (where provided) The symbol switches on constantly to indicate that the DPF system needs to eliminate the trapped pollutants (particulate) through the regeneration process. **The symbol stays off during the entire DPF regeneration and lights up only when driving conditions require the driver to be notified.** 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. The process normally takes about 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 fault and thus it should not be taken to a workshop. On some versions, together with the symbol switching on, the display shows a dedicated message. **IMPORTANT Failure to observe the appropriate procedure for a long distance when the symbol comes on, can cause the warning light to come on, resulting in the need to go to a Fiat Dealership to restore correct DPF operation.** 18)
 yellow	GPF CLEANING (PARTICULATE TRAP) IN PROGRESS (petrol versions with GPF only) (where provided) The symbol lights up fixed, and a message appears on the display, to notify the driver that the GPF system needs to eliminate captured pollutants (particulate) through the regeneration process. The symbol does not light up on during every GPF 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. The optimal conditions for completing the process are achieved by varying the speed of the car (press and release the accelerator pedal). Hold a speed faster than 60 km/h, on extra-urban roads, with the engine running fastener than 2000 rpm, until the symbol and the message disappear from the display. When this symbol switches on, it does not indicate an anomaly and thus it should not be taken to a workshop.
 yellow	GPF FAILURE (PARTICULATE TRAP) (petrol versions with GPF only) (where provided) The symbol lights up fixed together with the warning light and dedicated messages appear on the display in case of failure to the GPF (Gasoline Particulate Filter). Contact a Fiat Dealership as soon as possible.

Symbol	What it means
 yellow	INDICATION OF AdBlue® (UREA) DIESEL EMISSIONS ADDITIVE LOW LEVEL (where provided) The AdBlue® (UREA) Diesel Emissions Additive low level symbol lights when the AdBlue® (UREA) level is low. Top up the AdBlue® (UREA) tank as soon as possible with at least 5 litres of AdBlue® (UREA). If topping up is done with remaining range of AdBlue® (UREA) in the tank equal to zero, you may need to wait 2 minutes before starting the vehicle.
 yellow	FUEL LEVEL SENSOR FAILURE The symbol switches on in the event of fuel level sensor failure. Contact a Fiat Dealership.
 yellow	ENGINE OIL DETERIORATED (where provided) **Diesel Versions:** the symbol turns on and remains on in cycles of 3 minutes with 5 second off periods in between 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. **19) 20)**
 yellow	ENGINE OIL PRESSURE SENSOR FAILURE The symbol switches on constantly together with the message in the display in the case of engine oil pressure sensor failure.
 yellow	TRAFFIC SIGN RECOGNITION SYSTEM FAILURE (where provided) The symbol comes on, on some versions together with a message, in the event of Traffic Sign Recognition system failure. Contact a Fiat Dealership as soon as possible.

Symbol	What it means
 yellow	ADAPTIVE CRUISE CONTROL (ACC) FAILURE (where provided) The symbol turns on (together with a message on the display) to indicate an Adaptive Cruise Control (ACC) system failure. Contact a Fiat Dealership.
 yellow	SCHEDULED SERVICING (SERVICE) The “Scheduled Servicing Plan” includes vehicle maintenance at fixed intervals (refer to the "Maintenance and care" chapter). 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. This is displayed automatically, with ignition device at MAR, 2000 km before servicing or, where provided, 30 days before servicing. It is also displayed each time the ignition device is turned to MAR. The display will be in km or miles depending on the unit of measurement set. Go to a Fiat Dealership, where the "Scheduled Servicing Plan" operations will be performed and the message will be reset.
 white	This symbol turns on to indicate that the clutch pedal must be pressed to enable starting.
 white	This symbol appears to suggest engaging a higher gear (upshifting).
 white	The symbol appears to suggest engaging a lower gear (downshifting).
 white	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).
 white	ELECTRONIC CRUISE CONTROL The symbol appears when the electronic Cruise Control is turned on.

Symbol	What it means
 white	SPEED LIMITER The symbol switches on if the Speed Limiter device is activated.

Symbol	What it means
 green	INTELLIGENT SPEED ASSIST SYSTEM ACTIVATION (where present) The symbol comes on in the event of a Intelligent Speed Assist system failure.
 green	ELECTRONIC CRUISE CONTROL The symbol comes on in the event of a Cruise Control system failure.
 green	SPEED LIMITER The symbol comes on in the event of a Speed Limiter system failure.

Messages on the display

Message on display	
BLIND SPOT ASSIST	BLIND SPOT ASSIST SYSTEM **Sensor locking**: in case of failure of the Blind Spot Assist system sensor, a message will appear on the display. In this case, the LEDs on the door mirrors are switched on continuously. Free the bumper of any obstacles or clean it. **System not available**: in case the Blind Spot Assist system is not available, a message will appear on the display. In this case, the LEDs on the door mirrors are switched on continuously. 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**: in case of a failure of the Blind Spot Assist system, a message will appear on the display. In this case, the LEDs on the door mirrors are switched off. An acoustic warning is also emitted. Contact a Fiat Dealership as soon as possible.
DYNAMIC STEERING TORQUE	DST SYSTEM (Dynamic Steering Torque) A dedicated message is displayed in the case of a DST system failure. Contact a Fiat Dealership as soon as possible.
PARK ASSIST	ACTIVE PARK ASSIST (where provided) **Temporary parking sensors failure**: a dedicated message is displayed in case of a temporary failure of the parking sensors. If the problem is still present after cleaning the parking sensor area, contact a Fiat Dealership. **Permanent parking sensors failure**: a dedicated message is displayed in case of a permanent failure of the parking sensors. The failed operation of the system might be due to the insufficient voltage from the battery or other faults of the electrical system. Contact a Fiat Dealership as soon as possible.
LANE ASSIST	LANE ASSIST SYSTEM **Camera obstructed**: a dedicated message is shown on the display in the case of dirt on the windscreen, which may adversely affect correct operation of the camera. 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.

Message on display	
START&STOP	START&STOP SYSTEM ACTIVATION/DEACTIVATION **Activation**: the system activation is signalled by a message on the display. In this case, the LED on the button is off. **Deactivation**: a message will appear on the display when the system is off. In this case, the LED on the button is on.
"SERVICE" MESSAGE (SCHEDULED SERVICING)	SCHEDULED SERVICING (SERVICE) When the next scheduled service deadline is approaching, the word "Service" will be displayed, followed by the number of kilometres/miles or days (where provided) left, when the ignition device is turned to MAR. This is displayed automatically, with ignition device at MAR, 2000 km before servicing or, where provided, 30 days before servicing. It is also displayed each time the starter switch is turned to MAR. The display will be in km or miles depending on the unit of measurement set. Go to a Fiat Dealership, where the "Scheduled Servicing Plan" operations will be performed and the message will be reset.
	INDICATION OF AdBlue® (UREA) DIESEL EMISSIONS ADDITIVE LOW LEVEL (where provided) When low AdBlue® (UREA) level is detected, a text message will appear on the instrument panel display, together with the symbol to indicate that AdBlue® (UREA) must be topped up. The symbol stays on until the tank is topped up with at least 5 litres of AdBlue® (UREA). If you do not top up, a specific message will appear on the instrument panel display whenever a certain threshold is reached until it will no longer be possible to start the engine. A message appears continuously on the display when the residual range is approximately 200 km accompanied by an auditory indication. When the residual range is 0 km, a specific message will appear on the display (for versions/markets, where provided). It will no longer be possible to restart the engine after it has been stopped. It will be possible to restart the engine after pouring at least 5 litres of AdBlue® (UREA) in the tank. Top up the AdBlue® (UREA) tank as soon as possible. If the tank is topped with a residual range of 0 km, wait for 2 minutes after topping up before starting the engine. 21)

WARNING

28) *If, when the ignition device is turned to MAR, the warning light does not switch on or stays on while 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 continuing, contact a Fiat Dealership immediately to have the system checked.*
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 problems with the restraint systems. Before continuing, contact a Fiat Dealership immediately to have the system checked.*
30) *If a failure is present with sharp braking, the rear wheels may lock and the vehicle may swerve.*

IMPORTANT

13) *Go to a Fiat Dealership as soon as possible if warning light either does not light up when the ignition device is turned to MAR to if while travelling the warning lights comes on either steady or blinking (along with a message on the display).*
14) *If the warning light (or the icon on the display) flashes while driving, contact a Fiat Dealership.*
15) *If the symbol switches on while driving, stop the engine immediately and contact a Fiat Dealership.*
16) *Driving the vehicle with this symbol on may severely damage the transmission, with resulting breakage. The oil may also overheat: contact with hot engine or with exhaust components at high temperature could cause fires.*
17) *The presence of water in the fuel 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.*
18) *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. Do not complete the DPF regeneration process when the vehicle is stopped.*
19) *Degraded engine oil should be replaced as soon as possible after the warning light comes on, and never more than 500 km after it first comes on. Failure to observe the above may result in severe damage to the engine and invalidate the warranty.* ***Remember that when this warning light comes on, it does not mean that the level of engine oil is low, so if it flashes you do not need to top up the engine oil.***
20) *If the symbol flashes while driving, contact a Fiat Dealership.*
21) *When the AdBlue® (UREA) tank is empty and the engine is stopped it is no longer possible to restart it until the AdBlue® (UREA) tank is topped up with at least 5 litres of AdBlue® (UREA).*

SAFETY

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

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);
- HSA (Hill Start Assist);
- 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 car 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 car 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

A slight pulsing of the brake pedal and noise indicates the intervention of the ABS: this is completely normal when the system intervenes.

⚠ 31) 32) 33) 34) 35) 36) 37)

DTC (Drag Torque Control) SYSTEM

The DTC (Drag Torque Control) system prevents the drive wheels from possibly locking, which could happen, for example, if the accelerator pedal is released suddenly or in the case of a sudden downshifting in conditions of poor grip. In this conditions, the engine braking effect could cause the drive wheels to slip, resulting in a loss of car stability.

In these situations, the DTC system intervenes, restoring torque to the engine in order to conserve car stability and increase car safety.

ESC (Electronic Stability Control) SYSTEM

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

The ESC system corrects the car'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 car 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 system intervention is signalled by the blinking of the instrument panel warning light, to inform the driver that the car 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 system intervention is signalled by the blinking of the instrument panel warning light, to inform the driver that the car 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 no longer necessary.

The PBA system is deactivated when the brake pedal is released.

⚠ 48) 49) 50)

HSA (Hill Start Assist)

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 the 2 seconds have elapsed, without starting, the system is automatically deactivated, gradually releasing the braking pressure.

During this release stage, the typical mechanical brake release noise can be heard, indicating that the car is about to move.

⚠ 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 car.

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 car.

⚠ 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, impact with objects or other cars.

⚠ 54)

TSC (Trailer Sway Control) SYSTEM

The system employs a series of sensors located on the car 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 nearing its limit. You must slow down to a speed compatible with the available traction.*

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, 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.*

38) *The ESC system cannot alter the natural laws of physics, and cannot 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 necessarily be of the same make and type on all wheels, in perfect condition and, above all, of the prescribed type and size.*

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 system 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 cannot overrule the natural laws of physics, and cannot 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 car or any other road user.*

51) *The Hill Hold Control system is not a parking brake; therefore, never leave the car without having engaged the 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 car.*
54) *The performance of a car 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 car in a safe place and arrange the load correctly to prevent the trailer from swerving.*

DRIVING ASSISTANCE SYSTEMS

The car may be fitted with the following driving assistance systems:
- ❒ BSA (Blind Spot Assist);
- ❒ FBC (Full Brake Control);
- ❒ iTPMS (indirect Tyre Pressure Monitoring System).

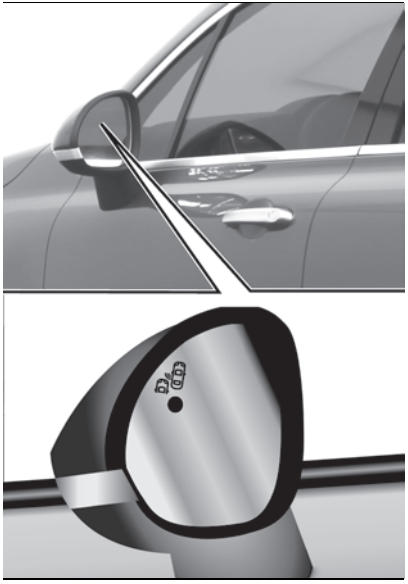
For the operation of the systems, refer to the following pages.

BSA (Blind-Spot Assist) SYSTEM

The car 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. 56), to detect the presence of vehicles (cars, trucks, motorbikes, etc.) in the rear side blind spots of the vehicle.

56 F1B0654

The system warns the driver about the presence of cars in the detection area by lighting up, on the relevant side, the warning light located on the door mirror fig. 57, along with an acoustic warning.



57 F1B0094C

As soon as the ignition key is in MAR position, or when the engine is started (keyless version), the warning light turns on to signal the driver that the system is active.

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 car at a standstill and the gear lever in position P (Park) (versions with automatic transmission), or with car at a standstill and electric parking brake engaged (versions with manual transmission).

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

This area starts from the door mirror and extends for about 6 metres towards the rear part of the car.

When the sensors are active the system monitors the detection areas on both sides of the car and warns the driver about the possible presence of cars 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 cars coming from the opposite direction, in the adjacent lanes.

⚠ 57)

Important notes

If a trailer is connected to the car, to avoid false indications this system must be manually deactivated using the relative menu.

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 NOTE 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 door mirror relating to the object detected.
However, when operating in "RCP" mode, the system produces acoustic and visual warnings when if the presence of an object is detected.
When an acoustic warning is sent, the**Uconnect™** volume is lowered.

Blind Spot Assist "Visual & acoustic" mode

When this mode has been activated, the BSA system sends a visual warning to the door mirror relating to the object detected.
If the direction indicator on the side where an obstacle has been detected is activated, an acoustic warning is emitted as well.
If a direction indicator is in operation and an object is simultaneously detected on the same side, both an acoustic and a visual warning are emitted. The**Uconnect™** volume is also lowered.
During "RCP" operating mode, the system emits acoustic and visual indications if the presence of an object is detected. When an acoustic warning is sent, the **Uconnect™** volume is also lowered.

Deactivating the Blind Spot Assist function

When the system is deactivated ("Blind spot alert" mode at "OFF"), the BSA or RCP systems will not emit either acoustic nor visual warnings.
The BSA system will store the operating mode running when the engine was stopped. Each time the engine is started, the operating mode stored previously will be recalled and used.
IMPORTANT NOTE The system is an aid for car driving, it DOES NOT warn the driver about incoming cars 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 car.

FULL BRAKE CONTROL SYSTEM

58) 59) 60) 61)

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

The car 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. 58 and a camera located in the central part of the windscreen fig. 59.

58 F1B0720

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

59 F1B0656

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 car and mitigate the potential frontal accident (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 transmission: 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/dual clutch automatic transmission: at the end of the braking, the latest stored gear is engaged: the car 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.

On/off

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 turned off even with the starter switch at MAR.

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 accident;

❒ *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 accident.

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 warning 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 accident 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.

The function is not active at speed above 5 km/h.

The system is only active if:

❒ it is correctly activated via the **Uconnect™**system;
❒ the ignition device is at MAR;
❒ vehicle speed is higher than 5 km/h;

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

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.

Changing the setting to “Med”, the system warns the driver of a possible accident with the vehicle in front when it is at a standard distance, between that of the other two settings. This setting offers an intermediate reaction time to the driver with respect to those of the "Near" and "Far" settings.

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. 59 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 warning

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

The system can also be temporarily dimmed due to obstructions such as mud, dirt or ice on the bumper.

In such cases, a dedicated message will be shown on the display and the system will be deactivated. This message can sometimes appear in conditions of high reflectivity (e.g. tunnels with reflective tiles or ice or snow). When the conditions limiting the system functions end, this will go back to normal and complete operation.

In certain particular cases, this dedicated message could be displayed when the radar is not detecting any vehicles or objects within its view range.

If atmospheric conditions are not the real reason behind this message, check if the sensor is dirty. It could be necessary to clean or remove any obstructions in the area shown in fig. 58.

If the message appears often, even in the absence of atmospheric conditions such as snow, rain, mud or other obstructions, contact a Fiat Dealership for a sensor alignment check.

In the absence of visible obstructions, cleaning the radar surface, by manually removing the decorative cover trim, could be required. For this operation, contact a Fiat Dealership.

IMPORTANT NOTE It is recommended that you do not install devices, accessories or aerodynamic attachments in front of the sensor or darken it in any way, as this can compromise the correct functioning of the system.

Driving in special conditions

In certain driving conditions, such as, for example:

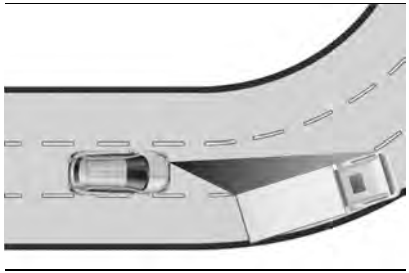
- driving close to a bend;
- vehicles with small dimensions and/or not aligned in the driving lane;
- lane change by other vehicles;
- vehicles travelling at right angles to the vehicle.

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

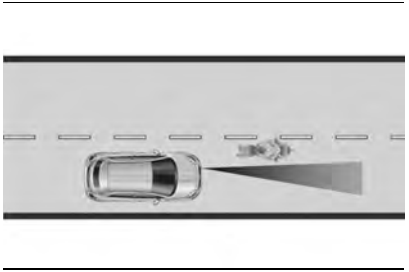
When entering or leaving a wide bend, the system may detect a vehicle that is in front of you, but that is not driving in the same lane fig. 60. In cases such as these, the system may intervene.



60 F1B0713

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

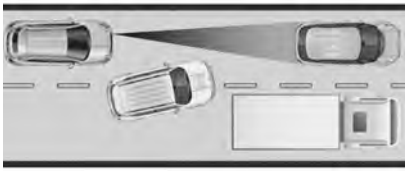
The system cannot detect cars in front of you but outside the range of the radar sensor and may therefore not react in the presence of small cars, such as bicycles or motorcycles fig. 61.



61 F1B0714

Lane change by other vehicles

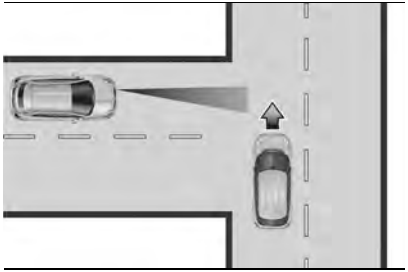
Vehicles suddenly changing lane, entering the same lane as your car and within the radar sensor's operating range, may cause the system fig. 62 to intervene.



62 F1B0715

Vehicles travelling at right angles to the vehicle

The system could temporarily react to a vehicle that is passing through the radar sensor's operating range at right angles fig. 63.



63 F1B0708

Important notes

❒ 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 be activated, assessing the trajectory of the car, in case of reflecting metal objects different from other cars, such as safety barriers, road signs, barriers before parking lots, toll-gates, level crossings, gates, railways, objects near road constructions sites or higher than the car (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 car 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).

TPMS (Tyre Pressure Monitoring System)

⚠ 62) 63) 64) 65) 66) 67)

Description

The car 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 no under-inflated tyres are detected, the outline of the car will be shown on the display.

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.

This warning 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 manually.

The RESET procedure must be carried out:

- ❒ each time tyre pressure is modified;
- ❒ when even only one tyre is changed;
- ❒ when tyres are rotated/inverted;
- ❒ when the space-saver wheel is fitted.

Before carrying out the RESET procedure, inflate the tyres to the rated pressure values specified in the inflation pressure table (see "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 and you will hear a beep. If the self-learning procedure of the iTPMS system has not been carried out correctly, you will not hear any acoustic warning.

Operating 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. car loaded asymmetrically on one side, damaged or worn tyre, fitting the space-saver spare wheel, use of the "Fix&Go" tyre repair kit, fitting snow chains, fitting different tyres on the axles) the system may provide 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 and the symbols "– –" will appear next to the shape of the car next to each tyre.

This warning is displayed also after the engine has been switched off and then on again if the correct operating conditions are not restored.

In the case of abnormal signals, it is recommended to perform the RESET procedure. If the indications appear again after a successful RESET, check that the tyres used on all four wheels are the same and that the tyres are not damaged. As soon as possible, refit the standard tyre instead of the space-saver spare, remove the snow chains, if possible, check correct load distribution and repeat the RESET procedure by driving on a clean, tarmacked road. If the indications persist, contact a Fiat Dealership.

WARNING

57) *The system is an aid for car driving, it DOES NOT warn the driver about incoming cars 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 car must be placed on a roller bench for maintenance or if it is washed in an automatic car wash with an obstacle in the front part (e.g. another car, a wall or another obstacle), the system may detect its presence and activate. In this case the system must be deactivated through the settings of the* ***Uconnect™*** *system.*
62) *If the iTPMS system signals a pressure drop on the tyres, it is recommended to check the pressure on all four tyres.*
63) *The iTPMS does not relieve the driver from the obligation to check the tyre pressure every month; it is not even to be considered a replacement system for 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 though it is higher than the prescribed value, but repeat the check when tyres are cold.*
65) *The iTPMS cannot indicate sudden tyre pressure drops (for example when a tyre bursts). In this case, stop the vehicle, braking with caution and avoiding abrupt steering.*
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.*

IMPORTANT

22) *The system may have limited operation or not work at all in weather conditions such as: heavy rain, hail, thick fog, heavy snow.*
23) *The section of the bumper in front the sensor must not be covered with stickers, auxiliary headlights or any other object.*
24) *System intervention might be unexpected or delayed when other cars transport loads projecting from the side, above or from the rear, with respect to the normal size of the car.*
25) *Operation can be adversely affected by any structural change made to the car, such as a modification to the front geometry, tyre change, or a heavier load than the standard load of the car.*
26) *Incorrect repairs made on the front part of the car (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 or carry out any intervention on the radar sensor or on the camera on the windscreen glass. In the event of a sensor failure, contact a Fiat Dealership.*
28) *When towing a trailer (with modules installed after purchasing the car), a vehicle or during loading manoeuvres on a car carrier (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.*

OCCUPANT PROTECTION SYSTEMS

Some of the most important safety equipment of the car comprise the following protection systems:

- seat belts;
- SBR (Seat Belt Reminder) system;
- head restraints;
- child restraint systems;
- Front airbags and side bags.

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

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

SEAT BELTS

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

The reel 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 car.

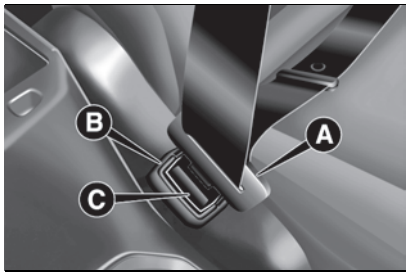
The driver is responsible for respecting, and ensuring that all the other occupants of the vehicle also respect, the local laws in force in relation to the use of the seat belts.

Always fasten the seat belts before setting off.

USING THE SEAT BELTS

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

To fasten the seat belts, hold fastening tongue (A) fig. 64 and insert it into buckle (B), until it clicks into place.



64 F1B0101C

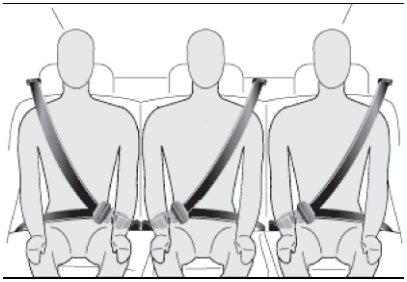
On removal of the belt, if it jams, let it rewind for a short stretch, then pull it out again without jerking.

To unfasten the seat belts, press button (C) fig. 64 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 car is parked on a steep slope: this is perfectly normal. Furthermore, the reel mechanism locks the belt if it is pulled sharply or in the event of sudden braking, collisions and high-speed bends.

Once seated, wear the rear seat belts as shown in fig. 65.



65 F1B0382C

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.

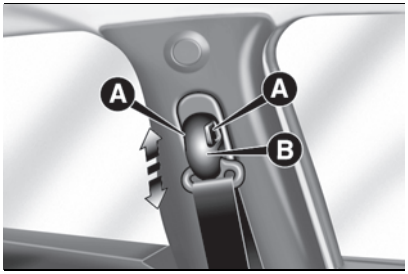
ADJUSTING THE SEAT BELT HEIGHT

⚠ 70) 71)

Five different adjustments in height are possible.

To carry out window height adjustment, from the top to the bottom, buttons (A) fig. 66 located on both sides of handle (B) must be pressed at the same time (in opposing manner), and the handle must be slid downwards.

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



66 F1B0103C

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 a crash.

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

⚠ *WARNING*

68) *Never press button (C) when travelling.*
69) *Remember that in the event of an accident, the rear seat passengers not wearing seat belts are exposed to a very serious risk and also represent a serious danger for the front seat occupants.*
70) *Make height adjustment of the seat belts when the car is stationary.*
71) *After the height adjustment, always check that the grip is locked in one of the preset positions. To do this, with button (A) released, press downward more to allow the anchoring device to click if it has not been released in one of the possible positions.*

SBR (SEAT BELT REMINDER) SYSTEM

The SBR system (f present) warns the front and rear seat occupants if their seat belt is not fastened.

The system signals unfastened seat belts with visual warnings (warning light on 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. 67) lights up for a few seconds, regardless of the status of the front seat belts.

At speeds under 20 km/h, if the driver side seat belt or the passenger side seat belt (with occupant present) is unfastened, the warning light stays on constantly.

67 F1B0657

As soon as the threshold of 20 km/h is exceeded 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.

Once activated, this indication cycle stays active for the entire time at speeds faster than 8 km/h or if reverse gear is not engaged or until the seat belts are fastened.

If the speed drops to less than 8 km/h or if reverse gear is engaged during the warning cycle, the tone will be interrupted and the warning light switches on fixed.

If the entire time has not elapsed and reverse gear is not engaged, the indication cycle is reactivated as soon as the speed exceeds 20 km/h again.

REAR SEAT BELT ICON BEHAVIOUR

The icons are shown on the display (fig. 68 versions with colour display or fig. 69 versions with single-colour display) after a few seconds have elapsed since the ignition device is turned to MAR.

The icons will disappear after approximately 35 seconds or after the rear seat belts have been fastened.

If the seat belt is unfastened, the corresponding icon will stay on for approximately 65 seconds and then switch off without any auditory indication.

68 F1B0658

69 F1B0659

The icons on the display represent the following (as applicable):

❒ **A**: rear left seat belt fastened;
❒ **B**: rear central seat belt fastened;
❒ **C**: rear right seat belt unfastened.

The icons are displayed according to the corresponding seat belts in the rear seats, and stay on for about 65 seconds from the last seat belt status change:

❒ *if the seat belt is fastened* the corresponding icon will appear as shown in (A) and (B) (green on the colour display);

❒ *if the seat belt is unfastened* the corresponding icon will appear as shown in (C) (red on the colour display).

At speeds under 20 km/h, if a seat belt is unfastened, the respective icon ((A), (B) or (C)) will remain fixed for a total of approximately 65 seconds.

At speeds over 20 km/h, if reverse is not engaged and a rear seat belt is unbuckled, an auditory warning will be heard and the respective icon will blink for approximately 35 seconds. The auditory warning will switch off and the icon will light up fixed until the end of the entire cycle.

Furthermore, the icons lights up for a few seconds whenever one of the rear doors is opened.

IMPORTANT NOTES

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.

PRE-TENSIONERS

The car is equipped with seat belt pretensioners for the front and rear side seats. These draw the seat belts back by several centimetres in the event of a strong frontal impact to ensure that the seat belts adhere perfectly to the occupants' bodies before retention begins.

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

The front car seats are also equipped with a second pretensioner (fitted in the kick plate area). Its activation is signalled by the metal cable shortening.

A slight discharge of smoke may be produced during the activation of the pretensioner which is not harmful and does not involve 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 chest and pelvis.

LOAD LIMITERS

⚠ 72)

⚠ 31)

To increase safety in the event of an accident, the front and rear lateral 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.

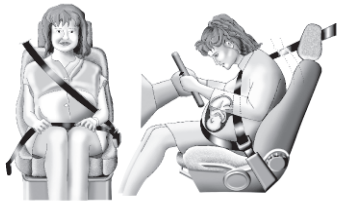
GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

⚠ 73) 74) 75)

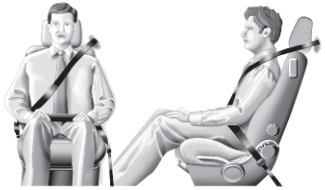
Seat belts are also to be worn by pregnant women: the risk of injury in the case of impact is greatly reduced for them and the unborn child if they are wearing a seat belt.

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. 70. 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 strap 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. 71, not to the abdomen of the occupant. Do not use devices (clips, etc.) to hold the seat belt away from your body.



70 F1B0107C



71 F1B0108C

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

72 F1B0109C

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 seat 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;
- ❒ 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 pretensioner and seat belt components is strictly prohibited. Any intervention on these components must be performed by qualified and authorised technicians. Always go to a Fiat Dealership.*
74) *For maximum safety, keep the backrest upright, lean back into it and make sure the seat belt fits closely across your chest 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 high levels of stress, for example after an accident, it should be changed completely together with the attachments, attachment fixing screws and the pretensioner. In fact, even if the belt has no visible defects, it may have lost its resilience.*

IMPORTANT

31) *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 cause damage or make it deploy. Contact a Fiat Dealership should intervention be necessary on these components.*

CHILD RESTRAINT 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. As far as the characteristics of the child seats used allow, you are advised to keep children in rear facing child seats 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 car 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 groups
Group 0	up to 10 kg in weight
Group 0+	up to 13 kg in weight
Group 1	9-18 kg
Group 2	15 - 25 kg

Group	Weight groups
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 type-approval 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.

WARNING In order to be correctly installed in the car, some universal child seats need a (base) accessory sold separately from the car seat manufacturer. Therefore, FCA recommends confirming the retailer if the desired child seat can be installed in the car by having it done, before buying the seat.

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.

⚠ 80) 81) 82) 83)

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 the type shown in fig. 73 which, supporting the head, does not induce stress on the neck in the event of sudden decelerations.

73 F1B0110C

The child restraint system is restrained by the vehicle seat belts, as shown in fig. 73 and it must restrain the child in turn with its own belts.

Group 1

Children weighing from 9 to 18 kg may be transported in forward facing child restraint systems fig. 74.

74 F1B0111C

Group 2

Children from 15 to 25 kg may be restrained directly by the car seat belts fig. 75.

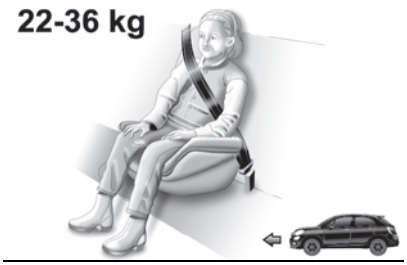
75 F1B0112C

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



76 F1B0113C

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

PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON UNIVERSAL CHILD RESTRAINT SYSTEM USE

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

Positioning the “Universal” child restraint system					
Group	Weight groups	Front passenger (*)		Rear central passenger	Rear side passengers
		Airbag enabled	Airbag disabled		
Group 0, 0+	up to 13 kg	X	U	X	U
Group 1	9 - 18 kg	X	U	X	U
Group 2	15 - 25 kg	U	U	X	U
Group 3	22–36 kg	U	U	X	U

X = Restraint system not suitable for children in this weight category.
U = suitable for child restraint systems of the “Universal” category, according to European Standard EEC-R44 for the specified “Groups”.
(*) IMPORTANT NEVER fit rearward facing child restraint systems on the front seat with an active passenger side airbag. If you wish to fit a rearward-facing child seat in the front passenger seat, first deactivate the relative airbag (see instructions in the paragraph "Supplementary protection system (SRS) – Airbag").

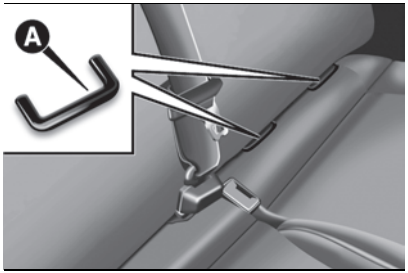
INSTALLING AN ISOFIX CHILD RESTRAINT SYSTEM

⚠ 84) 85) 86)

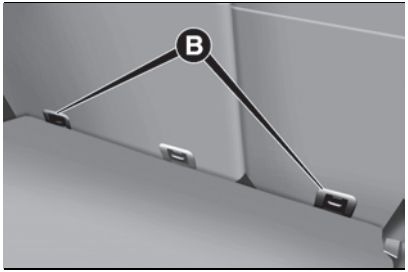
The rear side seats of the car are equipped with ISOFIX anchors, for fitting child restraint systems quickly, simply and safely. The ISOFIX system lets you install the ISOFIX child restraining system without using the car seat belts but connecting them directly to the carseat with three anchors in the car.

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 anchorings (A) fig. 77 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the restraint system) to the dedicated anchoring (B) fig. 78 located at the bottom behind the backrest.



77 F1B0114C

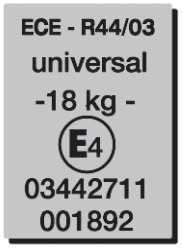


78 F1B0115C

fig. 79 shows an example of a Universal ISOFIX child restraint system for weight group 1.

IMPORTANT The fig. 79 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.

79 F1B0116C



80 F1B0117C

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 fig. 80.

SUITABILITY OF PASSENGER SEATS FOR ISOFIX CHILD RESTRAINT SYSTEM USE

ISOFIX POSITIONS ON THE CAR					
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
Group 0+ (up to 13 kg)	E	ISO/R1	X	IL	X
	D	ISO/R2	X	IL	X
	C	ISO/R3	X	IL (*)	X
Group 1 (from 9 up to 18 kg)	D	ISO/R2	X	IL	X
	C	ISO/R3	X	IL (*)	X
	B	ISO/F2	X	IUF – IL	X
	B1	ISO/F2X	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 of the universal category, approved for use in the weight group.

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

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 any more 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 If your car seats are i-Size approved, the symbol shown in fig. 81 will appear on the seats near the ISOFIX attachments.

81 F1B0124C

NOTE: See the table shown on the following page to check whether your car is approved for installing i-Size child restraint systems.

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

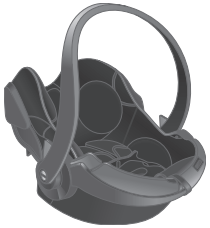
	i-Size POSITIONS ON THE CAR			
	Device	Front passenger	Rear side passengers	Rear central passenger
i-Size child restraint systems	ISO/R2	X	I-U	X
	ISO/F2	X	I-U	X

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 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 from 40 cm to 80 cm	 **BeSafe iZi Go Modular** Fiat order code: 71808564 +  **BeSafe iZi Modular i-Size Base** Fiat order code: 71808566	+	Universal/i-Size child restraint system. It must be installed facing rearwards, using the car seat belts only, or the dedicated i-Size base (which can be purchased separately) and the car ISOFIX anchorages. It must be fitted on the rear outer seats.

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 0+/1: from 9 up to 18 kg from 67 cm to 105 cm		**BeSafe iZi Modular i-Size** Fiat order code: 71808565	i-Size type-approval child restraint system which **must** be fitted on the car with the iZi Modular i-Size Base, to be purchased separately. It can be installed facing forwards or facing backwards (refer to the child restraint system manual)
	+	+	
		**BeSafe iZi Modular i-Size Base** Fiat order code: 71808566	
Group 2: from 15 kg to 25 kg from 95 cm to 135 cm		**Britax Römer KidFix XP** (for versions/markets, where provided) Fiat order code: 71807984	It can only be fitted facing forwards, using the three-point seat belt and the ISOFIX anchorages of the vehicle, if present. **Fiat recommends installing it using the vehicle's ISOFIX anchor points.** It must be fitted on the rear outer seats.

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 3: from 22 kg to 36 kg from 136 cm to 150 cm		**Britax Römer KidFix XP** (for versions/markets, where provided) Fiat order code: 71807984	It can only be fitted facing forwards, using the three-point seat belt and the ISOFIX anchorages of the vehicle, if present. **Fiat recommends installing it using the vehicle's ISOFIX anchor points.** It must be fitted on the rear outer seats.

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 a crash.

❒ If the car has been involved in a road accident, replace the child restraint system with a new one. In addition, and depending on the type of child restraint system installed, replace the ISOFIX anchors or the seat belt with which the child restraint system was connected.

❒ The rear head restraint can be removed if needed to install a child restraint system. The head restraint must always be present in the vehicle and fitted if the seat is used by an adult passenger or a child sitting in a restraint system without backrest.

WARNING

76) *SEVERE DANGER! When a passenger front airbag is fitted, do not install rearward facing child restraint systems on the front passenger seat. Deployment of the airbag in a crash 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 a collision.*

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 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 rearward facing child restraint system, the passenger side front airbag and side bag must be deactivated through the display main menu (see 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 seat and the dashboard.*

79) *Do not move 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 car. Do not leave it unsecured inside the passenger compartment. In this way, in the event 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 anchoring 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 when the car 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 car is equipped with:

❒ driver front airbag;

❒ front passenger airbag;

❒ driver and passenger front side bags for pelvis, chest and shoulder protection (Side bags);

❒ window bags for head protection of front seat passengers and rear side seat passengers

❒ driver 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 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 a crash, 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 car (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.

The driver's and passenger's front airbags have been designed and calibrated to protect front seat occupants wearing seat belts. At their maximum inflation, their volume fills most of the space between the steering wheel and the driver and

between the dashboard and the passenger.

The airbags are not deployed in the event of minor frontal impacts (for which the restraining action of the seat belts is sufficient). Seat belts must always be worn. In the event of a frontal collision, they ensure the correct positioning of the occupant.

Front airbag driver's side

This consists of an instantly inflating bag contained in a special recess in the centre of the steering wheel fig. 82.

82 F1B0660

Passenger's front airbag

This consists of an instantly inflating bag contained in a special recess in the dashboard fig. 83: this bag has a larger volume than that on the driver side.

83 F1B0126C

Passenger's 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.

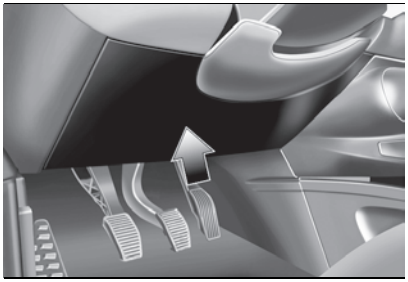
ALWAYS comply with the instructions on the label stuck on the passenger side sun visor fig. 84.

84 F1B0127C

Driver knee bag

(where provided)

It is located in a specific compartment arranged under the dashboard under a specific cover fig. 85. It provides additional protection in the event of a frontal collision.



85 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. 86.

86 F1B0630C

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 check lasting a few seconds, the LEDs will indicate the status of the passenger airbag protection.

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

Passenger protection deactivated: the **OFF** LED switches on with a steady light.

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

Passenger's front airbag and child restraint systems: IMPORTANT

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

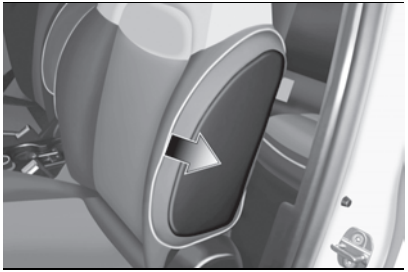
87 F1B0129C

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 bag

These comprise two bags located in the front seat backrests fig. 88 which protect the pelvis, chest and shoulder area of the occupants in the event of a side collision of medium-high severity. They are marked by the "AIRBAG" label sewn on the outer side of the front seats.



88 F1B0130C

Window bag

These consist of two “drop-down” cushions, housed behind the side trim of the roof and covered with finishing elements fig. 89.

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.

89 F1B0662

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 notes

Do not wash the seats with water or pressurised steam (wash by hand or at automatic seat washing stations).

The front airbags and/or side bags may be deployed in the event of sharp impacts to the underbody of the car (e.g. impact with steps, pavements, potholes or road bumps etc.).

When the airbag deploys it emits a small amount of dust: the dust is harmless and does not indicate the beginning of a fire. The dust may irritate the skin and eyes however: in this case, wash with neutral soap and water.

Airbag checking, repair and replacement must be carried out at a Fiat Dealership.

If the car 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 activate one or more of the devices does not 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 side of the dashboard since they could interfere with correct inflation of the passenger airbag and also cause serious injury to the passengers.*

88) *The airbag must be able to inflate without obstruction in the event of deployment. It is therefore recommended not to drive with the body bent forward, but to sit up resting your back and shoulders on the backrest of the seat. Adjusting the position of the seat so that you can reach and manoeuvre the steering wheel comfortably with your arms slightly*

bent being as far away as possible from the steering wheel. Being too close to the steering wheel when the airbag is deployed may cause serious injury.

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

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 affix rigid objects to the coat hooks or support handles.*

92) *Do not rest your head, arms or elbows on the door, on the 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, thewarning light does not switch on or stays on while 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. Contact a Fiat Dealership immediately to have the system checked.*

95) *In some versions, in case of LED failure* ***OFF*** *(located on the plate of the instrument panel), the light on the console turns on and the passenger side airbags are deactivated. On some versions, in case of failure of the* ***ON*** *LED (located on the dashboard), warning light appears on the instrument panel.*

96) *On cars with side bags, do not cover the front seat backrests with extra covers.*

97) *Do not travel with objects in your lap, in front of your chest or held in your mouth (e.g., pipe, pencil etc.). They could cause severe injury if the airbag is deployed in a crash.*

98) *If the car has been stolen or in the case of attempt to steal it, if it has been subjected to vandalism or floods, have the airbag system checked by a Fiat Dealership.*

99) *If the ignition device is at MAR, even if the engine is switched off, airbags may be deployed when the car is stationary and hit by another car. Therefore, even if the vehicle is stationary, when an active front passenger airbag is fitted, DO NOT install rearward facing child restraint systems on the front passenger seat. Deployment of the airbag following an impact could cause fatal injuries to the child. Therefore, always deactivate the passenger side airbag when a rearward facing child restraint system is installed on the front passenger seat. The front passenger seat must also be positioned back as far as possible in order to prevent the child restraint system from coming into contact with the dashboard. Immediately reactivate the passenger airbag as soon as the child restraint system has been removed. Also remember that, if the 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. Contact a Fiat Dealership immediately to have the system checked.*

101) *The front airbag deployment threshold is higher than that of the pretensioners. For impacts whose intensity falls between the two levels, normally, only the pretensioners will be activated.*

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 core of the vehicle: seeing how you can exploit all of its potential to the full.
We'll look at how to drive it safely in any situation, so that it can be a welcome companion, with our comfort and our wallets in mind.

STARTING THE ENGINE

eLUM

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.

103) 104) 105) 106)

32) 33) 34) 35)

Versions with manual gearbox

Proceed as follows:

❒ engage the electric parking brake and place the gear lever in neutral;

❒ move the ignition device to MAR. On Diesel versions, the warning light on the instrument panel turns on: 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 car 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 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 engine exhaust contains carbon dioxide, carbon monoxide and other toxic gasses.*

105) *The brake servo is not active until the engine is started, so you would 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.*

IMPORTANT

32) *We recommend that during the initial period, or during the first 1600 km, you do not drive to full car performance (e.g. excessive acceleration, long journeys at top speed, sharp braking, etc.).*

33) *When the engine is switched off never leave the ignition device in the MAR position to prevent useless current absorption from draining the battery.*

34) *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.*

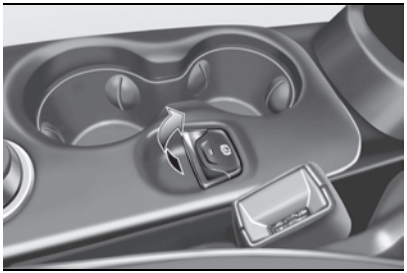
35) *Warning light ʊ will flash after starting or during prolonged cranking to indicate a fault with the glow plug preheating system. If the engine starts, the vehicle can be used as normal, but a Fiat Dealership must be contacted as soon as possible.*

WHEN PARKED

Always remove the ignition key when leaving the car.
When parking and leaving the car, proceed as follows:
❒ engage a gear (1st gear if facing uphill or reverse if facing downhill) and leave the wheels turned;
❒ stop the engine and apply the electric parking brake;
Block the wheels with a wedge or a stone if the car is parked on a steep slope.
On versions equipped with automatic transmission or dual clutch automatic transmission, wait for the letter P to be displayed before releasing the brake pedal.
IMPORTANT NOTE NEVER leave the car with the gearbox in neutral (or, on versions equipped with automatic transmission or dual clutch automatic transmission, before putting the shift lever in the P position).

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. 90, a motor with caliper for each rear wheel and an electronic control module.



90 F1B0133C

IMPORTANT Always engage the electric parking brake before leaving the car.
IMPORTANT In addition to parking the car 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 car parked uphill or the reverse gear with the car parked downhill). On versions with automatic transmission, place the gear lever at P (Park).
IMPORTANT Should the car 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. 90 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 car 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. 90 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 car parking in complete safety conditions.
If, under exceptional circumstances, the use of the parking brake is required with the car 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 stop lights also automatically switch on.
Release the switch on the central tunnel to stop the braking action with the car 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 car with the electric parking brake engaged, or using it several times to slow down the car, may cause severe damage to the braking system.

Releasing the electric parking brake manually

The ignition device must be in the MAR position in order to manually release the parking brake. Moreover, you need to press the brake pedal, then press the fig. 90 switch briefly.
Noise may be heard from the rear part of the car and a slight movement of the brake pedal may be detected during release.
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 car to prevent injury or damage caused by the unexpected movement of the car.
IMPORTANT For cars with manual transmission, if the clutch pedal is pressed all the way and then released simultaneously with the press of the accelerator, the electric parking brake 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. 90 switch repeatedly whilst driving;
- *"Static engagement and release mode"*: with the car 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 detection of the driver's intention to move the car forward or in reverse. On versions with automatic transmission, the driver's safety belt has to be properly fastened.
- "*Safe Hold*": if the car 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's intention to leave the car is detected, the electric parking brake will automatically engage to hold the car in safety conditions;
- *"Auto Apply"*: if the car 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 transmission). 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 transmission). This method can be handled by using the **Uconnect™** system Menu.

SAFE HOLD

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

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 of the accelerator pedal or, on versions with manual gearbox, of the clutch pedal is detected; the electric parking brake automatically engages to prevent the vehicle from moving.

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 car 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 car is parked on a steep slope block the wheels with a wedge or stone.*

108) *Never leave children alone in an unattended car; make sure that when you move away from the car, you have the key with you.*

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

MANUAL TRANSMISSION

110)

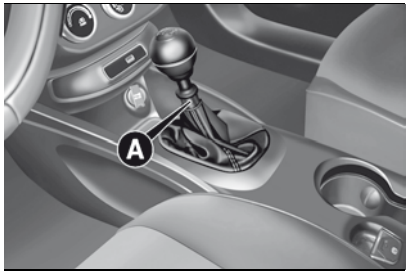
36)

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 (if present), 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.

1.0 - 1.3 - 1.4 Turbo Multi Air - 1.6 Multijet versions: To engage reverse R from neutral, lift the ring (A) fig. 91 under the knob and at the same time move the lever to the left and then forwards.

1.6 E.Torq version (for versions/markets, where provided)): To engage reverse gear R from neutral, move the lever to the right and then backwards.



91 F1B0722

IMPORTANT The car can only be put into reverse gear when it has stopped moving completely. For 1.6 E.Torq versions: with the engine running, wait for at least 2 seconds with the clutch pedal fully pressed before engaging reverse to prevent damage to the gears and “grating”.
IMPORTANT The clutch pedal should be used only to change gear.
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

110) *Press the clutch pedal fully to shift gears correctly. It is therefore essential that there is nothing under the pedals: make sure the mats are lying flat and do not get in the way of the pedals.*

IMPORTANT

36) *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.*

AUTOMATIC TRANSMISSION

(where provided)

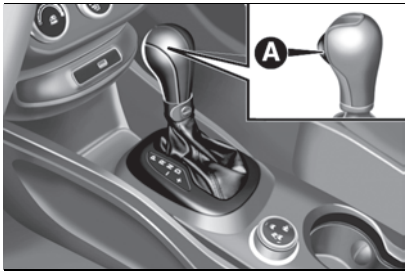
GEAR LEVER

The lever fig. 92 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.

111) 112) 113) 108)

37) 38) 39) 40)



92 F1B0740

The gear engaged is shown on the display.
The lever has a button (A) fig. 92 which must be pressed to move the lever to P or R.
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.
To exit from the P (Park) position, press the brake pedal and button (A) on the knob.
To shift from position N (Neutral) to position D (Drive) or R (Reverse), you need 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 a cold engine.

AUTOMATIC DRIVING MODE

To select the automatic driving mode, you need to shift the gear lever to D (Drive): the best ratio is selected by the electronic transmission control unit depending on vehicle speed, engine load (accelerator pedal position) and gradient of the road.

D can be selected from sequential operation in any driving conditions.

"Kick-Down" function

To resume speed quickly, when the accelerator pedal is pressed fully, the transmission control system downshifts (kick-down function).

IMPORTANT When driving on roads with poor grip (snow, ice, etc.) avoid activating the Kick-down function.

Gearshifting suggestion

With the transmission in automatic mode (selector lever in position D), when gearshifting is required by the paddles on the steering wheel (where provided), the system shifts to "Sequential mode" ("Autostick"), displaying the engaged gear for about 5 seconds.

When this time has elapsed, if the paddles are not operated anymore, the system goes back to the automatic mode (D), with following displaying.

AUTOSTICK - Sequential mode

In the case of frequent gearshifting (e.g. when the car 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 car 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 panel). 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.

CONTROLS ON THE STEERING WHEEL

(where provided)

41)

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

93 F1B0661

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

- steering wheel paddle (+) (pulling paddle towards driver): engage higher gear;
- steering wheel paddle (–) (pulling paddle towards driver): engage lower gear.

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

STARTING THE ENGINE

Starting the engine is allowed only when the gear lever is in position P or N. Therefore, when the engine is started, the system will be at position N or P (the latter means neutral, but with the vehicle's wheels are locked mechanically).

MOVING THE CAR

To move the car, from P press the brake pedal and, using the button on the gear lever, move the lever to the desired position (D, R or "Sequential mode"). The display will show the gear engaged.

When the brake pedal is released, the car starts moving forwards or backwards, as soon as the manoeuvre is activated ("creeping" effect). The accelerator should not be pressed in this case.

IMPORTANT The inconsistency between the speed actually engaged (shown on the display) and the position of the gear lever is indicated by the letter corresponding to the position of the gear lever flashing on the panel (also accompanied by an acoustic warning).

This condition should not be interpreted as an operational fault, but simply as a request by the system to repeat the manoeuvre.

IMPORTANT With the electric parking brake released and brake pedal released, engine at idling speed and gear lever in position D, R or sequential, pay the utmost care because the car can move even without the operation of the accelerator pedal. This condition can be used with the car on a level surface during tight parking manoeuvres using the brake pedal only.

GEAR ENGAGEMENT INHIBITION

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

When the ignition device is in MAR (engine on or off):

❒ to shift the gear to a position different from P (Park) or from N to R, you need to press the brake pedal and the button (A) fig. 92 on the knob of the gear lever;

❒ to shift the lever from position N to position D, press the brake pedal.

In case of a failure or when the vehicle's battery is flat, the lever remains locked in position P. To manually unlock the lever, see paragraph "Automatic transmission - lever unlocking" in the "In an emergency" chapter.

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 starter switch.

If the car battery is flat and the ignition key is engaged, the latter is locked in position. To remove the key manually see paragraph "Automatic transmission - key removal" in the chapter "In an emergency".

TRANSMISSION EMERGENCY FUNCTION

(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 on 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 car;
❒ 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, we recommended contacting a Fiat Dealership as soon as possible.

WARNING

111) *Never use position P (Park) instead of the electric parking brake. Always engage the electric parking brake when parking the vehicle to avoid the acciental movement of the vehicle.*
112) *If the P (Park) position is not engaged, the car could move and injure people. Before leaving the vehicle, make sure that the gear lever is in position P and that the electric parking brake is engaged.*

113) *Do not shift the gear lever to N (Neutral) and do not stop the engine when driving on a downhill road. 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 car and causing accidents.*
114) *Never leave children alone in an unattended car; make sure that when you move away from the car, you have the key with you.*

IMPORTANT

37) *Before moving the gear lever from position P (Park), bring the starter switch to position MAR and press the brake pedal. Otherwise, the gear lever may get damaged.*
38) *Engage reverse only with the car stationary, engine at idling speed and accelerator fully released.*
39) *If the car is on a gradient, always engage the electric parking brake BEFORE placing the gear lever in P.*
40) *Engage reverse only with the car stationary, engine at idling speed and accelerator pedal fully released.*
41) *Using the paddles incorrectly (paddles pushed towards the dashboard) could break them.*

TWIN CLUTCH AUTOMATIC TRANSMISSION

(where provided)

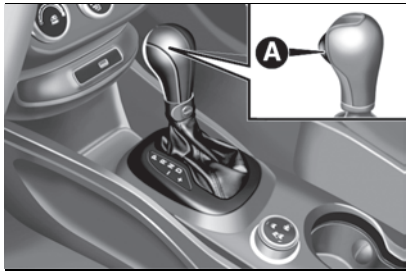
GEAR LEVER

The lever fig. 94 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.

115) 116) 117) 118)

42) 43) 44)



94 F1B0740

The gear engaged is shown on the display.

To select the "sequential" mode, shift the lever from D (Drive) towards the left. The reachable positions are + (higher gear) or - (lower gear). These positions are unstable: the lever always returns to central position.

The lever has a button (A) fig. 94 which must be pressed to move the lever to P or R.

With the ignition key in the MAR position, press the brake pedal and use the button (A) fig. 94 to shift the selector lever from P to any other position.

Press the button (A) fig. 94 when the engine is idling to shift from R to P.

To shift from position N to D or R, you need to press the brake pedal. It is advisable not to accelerate and to make sure that the engine is stabilised at idle speed.

Shifting from D to N is free, while shifting from D to R or P can only be made by the button (A) fig. 94.

AUTOMATIC DRIVING MODE

To select the automatic driving mode, you need to shift the gear lever to D (Drive): the best ratio is selected by the electronic transmission control unit depending on vehicle speed, engine load (accelerator pedal position) and gradient of the road.

D can be selected from sequential operation in any driving conditions.

"Kick-Down" function

To resume speed quickly, when the accelerator pedal is pressed fully, the transmission control system downshifts (kick-down function).

IMPORTANT When driving on roads with poor grip (snow, ice, etc.) avoid activating the Kick-down function.

Gearshifting suggestion

With the transmission in automatic mode (selector lever in position D), when gearshifting is required by the paddles on the steering wheel (where provided), the system shifts to "Sequential mode" ("Autostick"), displaying the engaged gear for about 5 seconds.

When this time has elapsed, if the paddles are not operated anymore, the system goes back to the automatic mode (D), with following displaying.

AUTOSTICK - Sequential mode

In the case of frequent gearshifting (e.g. when the car 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 car 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 panel). 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.

CONTROLS ON THE STEERING WHEEL

(where provided)

45)

On some versions, the steering wheel paddles can be used to change gear fig. 95.

95 F1B0661

To use the paddles on the steering wheel, the gear lever must be in "Sequential mode" or in D:

❒ steering wheel paddle (+) (pulling paddle towards driver): engage higher gear;

❒ steering wheel paddle (−) (pulling paddle towards driver): engage lower gear.

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

STARTING THE ENGINE

Starting the engine is allowed only when the gear lever is in position P or N. Therefore, when the engine is started, the system will be at position N or P (the latter means neutral, but with the vehicle's wheels are locked mechanically).

MOVING THE CAR

To move the car, from P press the brake pedal and, using the button on the gear lever, move the lever to the desired position (D, R or "Sequential mode"). The display will show the gear engaged.

When the brake pedal is released, the car starts moving forwards or backwards, as soon as the manoeuvre is activated ("creeping" effect). The accelerator should not be pressed in this case.

IMPORTANT The inconsistency between the speed actually engaged (shown on the display) and the position of the gear lever is indicated by the letter corresponding to the position of the gear lever flashing on the panel (also accompanied by an acoustic warning).

This condition should not be interpreted as an operational fault, but simply as a request by the system to repeat the manoeuvre.

GEAR ENGAGEMENT INHIBITION

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

When the ignition device is in MAR (engine on or off):

❒ to shift the gear to a position different from P (Park) or from N to R, you need to press the brake pedal and the button (A) fig. 94 on the knob of the gear lever;

❒ to shift the lever from position N to position D, press the brake pedal.

In case of a failure or when the vehicle's battery is flat, the lever remains locked in position P. To manually unlock the lever, see paragraph "Dual-clutch automatic transmission - lever unlocking" in the "In an emergency" chapter.

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 starter switch.

If the car battery is flat and the ignition key is engaged, the latter is locked in position. To remove the key manually see paragraph "Dual-clutch automatic transmission - key removal" in the chapter "In an emergency".

"RECOVERY" FUNCTIONS

In case of a gear lever failure, the instrument panel display could show a dedicated message recommending that the driver continues driving without shifting the lever to the P position.
In this case, the transmission will keep a forward gear (with reduced performance) even positioning the lever to R or N.
Once you have put the lever in the P position, or after you have turned off the car, you will not be able to select R nor any of the forward gears. In this case, contact a Fiat Dealership.

WARNING

115) *Never use position P (Park) instead of the electric parking brake. Always engage the electric parking brake when parking the vehicle to avoid the acciental movement of the vehicle.*
116) *If the P (Park) position is not engaged, the vehicle could move and injure people. Before leaving the vehicle, make sure that the gear lever is in position P and that the electric parking brake is engaged.*
117) *Do not shift the gear lever to N (Neutral) and do not stop the engine when driving on a downhill road. 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 car and causing accidents.*
118) *Never leave children unattended in the car. Always remove the ignition key when leaving the car and take the key with you.*

IMPORTANT

42) *Before moving the gear lever from position P (Park), bring the starter switch to position MAR and press the brake pedal. Otherwise, the gear lever may get damaged.*
43) *If the car is on a gradient, always engage the electric parking brake BEFORE placing the gear lever in P.*
44) *Engage reverse only with the car stationary, engine at idling speed and accelerator pedal fully released.*
45) *Using the paddles incorrectly (paddles pushed towards the dashboard) could break them.*

START&STOP SYSTEM

eLUM
(where provided)
The Start&Stop system automatically stops the engine each time the car is stationary and starts it again when the driver wants to move off.
In this way, the vehicle efficiency is increased, by reducing consumption, dangerous gas emissions and sound pollution.
IMPORTANT The system is activated automatically whenever the engine is started, regardless of the condition (system on or off) present before the engine was stopped.
119)
46)

OPERATING MODE

Stopping the engine

Versions with manual gearbox

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

Versions with automatic transmission

With car at a standstill and brake pedal pressed, the engine switches off if the gear lever is in a position other than R.
NOTE On versions with automatic transmission, when stopping uphill, the

engine stop is disabled to activate the "Hill Start Assist" function (which works only with running engine).
The warning light Ⓐ on the instrument panel switches on to signal that the engine has stopped.

Restarting the engine

Versions with manual gearbox

To restart the engine, press the clutch pedal. If the car 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).
With brake pressed, if the gear lever is in "AutoStick" mode, the engine can be restarted 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. 96 button located on the dashboard.

96 F1B0631C

System activation

The system activation is indicated by a message shown on the display. In this case, the LED on the button fig. 96 is off.

System deactivation

A message will appear on the display when the system is deactivated. In this condition, the LED on the button fig. 96 is off.

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

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

IMPORTANT

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

SPEED LIMITER

☞eLUM

DESCRIPTION

This device allows the speed of the car 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 car 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. 97 on the steering wheel.

97 F1B0727

The activation of the device is indicated by the symbol on the display (white on versions with reconfigurable multifunction display), together with a dedicated message and the last speed value stored.

DEVICE ACTIVATION/ DEACTIVATION

Device activation: press the SET + or SET – buttons.

The activation of the device is signalled by the displaying of the symbol (green on reconfigurable multifunction display).

Device deactivation: press the CANC button. The deactivation of the device is signalled by the symbol on the display (white).

Device reactivation: press the RES button.

DEACTIVATING THE DEVICE

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

ELECTRONIC CRUISE CONTROL

☞eLUM

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

ACTIVATING THE DEVICE

⚠ 120) 121) 122)

To activate the device press button (A) fig. 98.

Activation of the device is indicated by the symbol on the display switching on and, on some versions, by a dedicated message.

If the Speed Limiter is activated, button (A) fig. 98 must be pressed twice to activate the Cruise Control (because the first press deactivates the Speed Limiter, and the second press activates the Cruise Control).

98 F1B0727

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

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

SETTING THE DESIRED SPEED

Proceed as follows:

❒ to activate the device press button (A) fig. 98;

❒ when the car has reached the desired speed, press button SET + (or SET –) and release it to activate the device. When the accelerator is released, the car 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 car 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 car 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 +.

DECREASING SPEED

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 transmission 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.

The Cruise Control can also be deactivated if the electric parking brake (EPB) is activated or if the braking system intervenes (e.g. the ESC system).

DEACTIVATING THE DEVICE

The electronic Cruise Control is deactivated by pressing button (A) fig. 98 or bringing the starter switch to STOP.

WARNING

120) *While driving with the device active, never move the gear lever to neutral.*

121) *In case of a malfunction or failure of the device, contact a Fiat Dealership.*

122) *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.*

ADAPTIVE CRUISE CONTROL (ACC)

(where provided)

eLUM

123) 124) 125) 126) 127) 128)

47) 48) 49) 50) 51) 52) 53)

DESCRIPTION

The Adaptive Cruise Control (ACC) is a driver assist device which combines the Cruise Control functions with one for controlling the distance from the vehicle ahead.

The Adaptive Cruise Control (ACC) uses a radar sensor, located behind the front bumper fig. 99 and a camera, located in the middle area of the windscreen fig. 100, to detect the presence of a vehicle close ahead.

99 F1B0720

100 F1B0656

There are two operating modes:

❒ "Adaptive Cruise Control" mode to maintain an adequate distance between vehicles (the message "Adaptive Cruise Control" is shown on the instrument panel display);

❒ electronic "Cruise Control" mode to hold the vehicle at a constant preset speed.

To change the operating mode, use the button on the steering wheel (see that described on the following pages).

ADAPTIVE CRUISE CONTROL ACTIVATION/ DEACTIVATION

Activation

To activate the device, press and release the button (see fig. 101).

101 F1B0729

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

Deactivation

With the device active, to deactivate it press and release the button . The display will show a dedicated message.

SETTING THE DESIRED SPEED

The device can only be set when the speed is over 30 km/h (or equivalent in mph) and under 180 km/h (or equivalent in mph).

When the vehicle reaches the desired speed, press and release the button SET + or SET to set the speed to the current speed. The display will show the set speed. Then take your foot off the accelerator pedal.

When the system has been set, the dedicated icon on the display (see paragraph above) is grey on models with a monochrome display, and green on versions with a colour display.

IMPORTANT Press the accelerator pedal to make the car go faster than the set speed.

While the accelerator pedal is pressed:

❒ a dedicated message is displayed for a few seconds;

❒ the device will not be able to control the distance between the vehicle and the one ahead. In this case the speed will be determined only by the position of the accelerator pedal.

The device will return to normal operation as soon as the accelerator pedal is released.

The system **cannot** be set

❒ when pressing the brake pedal;

❒ when the brakes are overheated;

❒ when the electric parking brake is engaged;

❒ when the shift lever is in the P (park), R (reverse) or N (neutral) positions (versions with automatic transmission or automatic transmission with double clutch);

❒ when the shift lever is in the R (reverse), neutral or in 1st(first gear engaged) positions (versions with manual transmission);

❒ when the clutch is pressed (versions with manual transmission);

❒ when the engine speed exceeds a maximum threshold (versions with manual transmission and versions with automatic transmission/dual-clutch automatic transmission) or goes below a minimum threshold (only versions with manual transmission);

❒ when the car speed is not within the settable speed range;

❒ when the ESC (or ABS or other stability control systems) are operating or have just operated;

❒ during automatic braking by the Full Brake Control system (where provided);

❒ when the Speed Limiter is active;

❒ when the electronic Cruise Control is active;

❒ in case of failure of the device;

❒ when the engine is off;

❒ in case of obstruction of the radar sensor (in this case the bumper area where it is located must be cleaned).

In case of system set, the conditions described above also cause a cancellation or deactivation of the system with times that may vary according to the conditions.

IMPORTANT With the device set, it is possible to reach speeds higher than those set in the system by pressing the accelerator pedal. In this condition, the device does not turn off automatically, but the device functions are limited: it is therefore recommended to turn it off.

CHANGING THE SPEED

Increasing speed

After having set the device, the stored speed can be stored by holding the SET + button pressed.

Press the SET + button once: the set speed will increase by 1 km/h (or the equivalent in mph). Each touch of the button once will increase the speed by 1 km/h (or the equivalent in mph).

Hold the SET + button down: the set speed will increase in 5 km/h steps (or the equivalent in mph) until the button is released. The set speed increase is shown on the display.

Decreasing speed

After having set the device, the stored speed can be reduced by holding the SET – button pressed.

Press the SET — button once: the set speed will decrease by 1 km/h (or the equivalent in mph). Each touch of the button once will reduce the speed by 1 km/h (or the equivalent in mph).

Hold the SET — button down: the set speed will decrease in 5 km/h steps (or the equivalent in mph) until the button is released. The set speed decrease is shown on the display.

NOTE If “Sport” mode is chosen on the Drive Mode Selector, the ACC will

be switch to sport mode: the system will become more reactive in case of acceleration.

ACCELERATING WHEN OVERTAKING

When driving with the device active and following a vehicle, the device provides additional acceleration to facilitate overtaking, when travelling over a given speed and switches on the left direction indicator on roads with right-hand traffic (of the right indicator for roads with left-hand traffic).

RECALLING THE SPEED

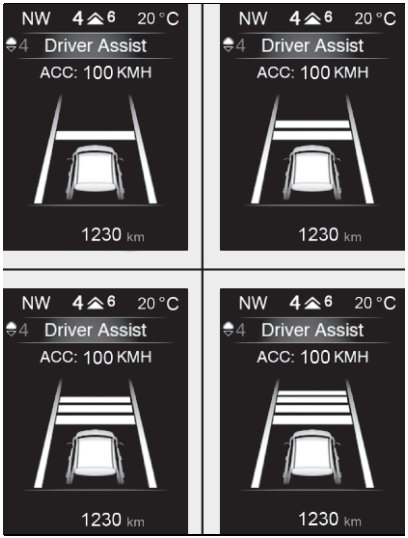
Once the system has been cancelled but not deactivated, if a speed was previously set simply press the RES button and remove your foot from the accelerator to recall it.

The system will be set to the last stored speed.

Before returning to the previously set speed, bring the speed close to that value, then press the RES button and release it.

SETTING THE DISTANCE BETWEEN CARS

The distance between your car and the vehicle ahead may be set to 1 bar (short), 2 bars (medium), 3 bars (long), 4 bars (maximum) fig. 102.



102 F1B0299C

The distances from the vehicle ahead are proportional to speed. The interval of time with respect to the vehicle ahead remains constant and varies from 1 second (for the short distance 1-bar setting) to 2 seconds (for the maximum distance 4-bar setting).

The setting is 4 (maximum) the first time the device is used. After the distance has been modified by the driver, the new distance will be stored also after the system is deactivated and reactivated.

To decrease the distance

Press and release the button to decrease the distance setting.

The distance setting decreases by one bar (shorter) every time the button is pressed.

The set speed is held if there are no cars ahead. Once the shortest distance has been reached, a further press of the button will set the longest distance.

The car holds the set distance until:

- the vehicle ahead accelerates to a speed higher than the set speed;
- the vehicle ahead leaves the lane or the detection field of the Adaptive Cruise Control device sensor;
- the distance setting is changed;
- the Adaptive Cruise Control device is deactivated/cancelled.

IMPORTANT The maximum breaking applied by the device is limited. The driver may apply the brakes in all cases if needed.

IMPORTANT If the device predicts that the braking level is not sufficient to hold the set distance, the driver is warned by a message indicating that the vehicle ahead is too close appears on the display. An acoustic warning is also emitted. In this case, it is advisable to brake immediately as necessary to hold a safe distance from the vehicle ahead.

IMPORTANT The driver is responsible for ensuring that there are no pedestrians, other cars or objectives along the direction of the car. Failure to comply with these precautions may cause serious accidents and injuries.
IMPORTANT The driver is fully responsible for holding a safe distance from the vehicle ahead respecting the highway code in force in the respective country.

DEACTIVATION

The device is deactivated and the set speed is cancelled if:

❒ the button is pressed on the Adaptive Cruise Control;
❒ the button is pressed on the electronic Cruise Control;
❒ the Speed Limiter button is pressed;
❒ the ignition device is in the STOP position.

The device is cancelled (the set speed and distance are stored):

❒ when the CANC button is pressed;
❒ when the conditions shown in the "Setting the desired speed" paragraph occur;
❒ when the car speed drops under the minimum set speed (e.g. in presence of slow cars).

If these conditions occur while the system is decelerating with respect to a vehicle ahead, the system could continue the deceleration, if necessary, also after it is cancelled or deactivated within the minimum speed settable on the system.

ELECTRONIC CRUISE CONTROL MODE

Electronic Cruise Control mode is available for travelling at constant speed in addition to the Adaptive Cruise Control (ACC) mode.

If the Adaptive Cruise Control (ACC) function is implemented on the car, the electronic Cruise Control works in the same manner as the ACC (by pressing the button of the Cruise Control) with the difference that:

❒ it does not hold the distance from the vehicle ahead;
❒ the device keeps working if the radar sensor is obstructed.

Before returning to the previously set speed, bring the speed close to that value, then press the RES button and release it.

WARNING

123) *Pay the utmost attention while driving at all times and be always ready to press the brakes if needed.*
124) *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.*
125) *The device is not activated in presence of pedestrians, oncoming vehicles in the opposite direction of travel or moving in the crosswise direction and stationary objects (e.g. a vehicle standing in a queue or a broken down vehicle).*
126) *The device cannot take account of road, traffic and weather conditions and conditions of poor visibility (e.g. fog).*
127) *The device does not always fully recognise complicated driving conditions which could cause incorrect or non-existing determination of the safe distance to be held.*
128) *The device cannot apply the maximum braking force: the car will not be stopped completely.*

IMPORTANT

47) *The system may have limited or absent operation due to weather conditions such as: heavy rain, hail, thick fog, heavy snow.*
48) *The section of the bumper in front the sensor must not be covered with stickers, auxiliary headlights or any other object.*
49) *Operation can be adversely affected by any structural change made to the car, such as a modification to the front geometry, tyre change, or a heavier load than the standard load of the car.*
50) *Incorrect repairs made on the front part of the car (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.
51) *Do not tamper with or carry out any intervention on the radar sensor or on the camera on the windscreen glass. In the event of a sensor failure, contact a Fiat Dealership.*
52) *Do not wash with high-pressure jets in the bumper lower area: in particular do not operate on the system's electrical connector.*
53) *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.*

DRIVE MODE SELECTOR

(where provided)
This device allows drivers to select three different driving modes ("car response") according to their needs and to the road and traffic conditions, by manually adjusting the knob ring (A) fig. 103 on the central tunnel.
- "Auto" mode
- "All weather" mode
- "Sport" mode.

103 F1B0721

Via the on board electronics, the device acts on the car's dynamic control system: engine, steering wheel, ESC system, 4x4 system, transmission, interfacing the instrument panel as well.
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 besides the symbol, coming on, and by the corresponding symbol appearing on the instrument panel display.
When the engine is started, the system usually maintains the driving mode that was active before the engine was stopped. For versions/markets where provided, on start-up, the system is set to the "Auto" mode.

"Auto" MODE

Recommended mode for normal driving, aimed at comfort and safety in normal grip and driving conditions. 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 with the "All Weather" mode active, turn the ring-nut anticlockwise and hold it in this position for at least half a second, until the relative LED illuminates and the selected mode appears on the display. The LED of the mode selected previously will go out at the same time. Once released, the ring-nut returns to the central position.
Starting with the "Sport" mode active, turn the ring-nut clockwise

and hold it in this position for at least half a second, until the relative LED illuminates and the selected mode appears on the display. The LED of the mode selected previously will go out at the same time. Once released, the ring-nut returns to the central position.

"All Weather" MODE

This driving mode is intended for safety in poor vehicle grip conditions (wet/slippery road surface, rain, snow). It is also recommended for driving on unpaved roads or off-road.

Activation

Starting with the "Auto" mode active, turn the ring-nut clockwise and hold it in this position for at least half a second, until the relative LED illuminates and the selected mode appears on the display. The LED of the mode selected previously will go out at the same time. Once released, the ring-nut returns 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 of the mode selected previously will go out at the same time. Once released, the ring-nut returns to the central position.

"Sport" MODE

This mode gives the most enjoyable sporty driving experience, however, it increases fuel consumption. Traction is optimised to improve the car's road-holding, also when cornering.

Activation

Starting with the "Auto" mode active, turn the ring-nut anticlockwise and hold it in this position for at least half a second, until the relative LED illuminates and the selected mode appears on the display. The LED of the mode selected previously will go out at the same time. Once released, the ring-nut returns to the central position.

Starting with the "All Weather" mode active, 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 of the mode selected previously will go out at the same time. Once released, the ring-nut returns to the central position.

FAULT INDICATIONS

In the event of a fault in the system or selector, mode change is automatically disabled. The system will automatically switch to "Auto" mode. In this case, a specific alert will appear on the display.

Go to a Fiat Dealership as soon as possible to have the system checked.

PARK ASSIST SYSTEM

(where provided)

eLUM

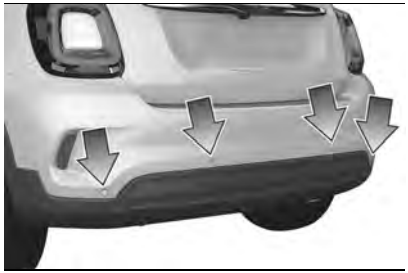
129)

54) 55) 56) 57)

Version with 4 sensors: The parking sensors, located in the rear bumper fig. 104, are used to detect the presence of any obstacles near the rear part of the car.

Version with 8 sensors: The parking sensors, located in the front fig. 104 and rear fig. 105 bumpers, are used to detect the presence of any obstacles near the front and rear part of the vehicle.

The sensors warn the driver with acoustic signals and, where provided, with visual signals on the instrument panel screen.



104 F1B0668

105 F1B0704

On/off

To disengage the system press button P OFF fig. 106.

When the system passes from engaged to disengaged and vice versa, it is always accompanied by a dedicated message on the instrument panel display.

The LED on the button is off when the system is switched on by the driver. The LED is on if the system is deactivated by the driver, faulty or temporarily deactivated.

106 F1B0752

If the button is pressed with a system failure, the LED flashes for about 5 seconds, then it stays on constantly.

When the ignition device is set to MAR the Park Assist system keeps the last status when the engine was switched off (activated or deactivated) in its memory.

After having been switched off, the Park Assist system will stay in this condition until the following engagement, even if the ignition device is switched from MAR to STOP and then again to MAR.

The use of wheels of a different size to those at the time of vehicle purchase could affect the system and prevent correct operation.

System on activation/deactivation (versions with 4 sensors)

Activation

The system is automatically activated when reverse is engaged.

Deactivation

The system is automatically deactivated whenever a gear other than reverse is engaged.

System on activation/deactivation (versions with 8 sensors)

Activation

The system, when it is on, is automatically activated in the following conditions:

❒ when a forward gear is selected (versions with manual transmission) or D (Drive) position (versions with automatic transmission/dual clutch automatic transmission);

or

❒ when reverse gear is selected (versions with manual transmission) or R position (versions with automatic transmission/dual clutch automatic transmission);

or

❒ when the manual gear stick is in neutral or the automatic transmission/dual clutch automatic transmission lever is in N (neutral) position and the car is moving. The system stays on in case of movement (either forwards or backwards).

Deactivation

The system is automatically deactivated in the following conditions:

❒ if a gear other than reverse is engaged, the rear sensors are deactivated, while the front sensors remain active until 15 km/h are exceeded;
or
❒ at speeds higher than 11 km/h with reverse engaged (in this case, the LED on the button on the instrument panel switches on);
or
❒ when with the car standing the manual gear stick is in neutral or the automatic transmission/dual clutch automatic transmission lever is in P (park) position.

Operation with a trailer

Versions with 4 sensors

The operation of the sensors is automatically deactivated when the trailer electric cable plug is inserted in the tow hook socket of the car. In this case, the LED on the button on the dashboard fig. 106 is on. The sensors are automatically reactivated when the trailer's cable plug is removed.

Versions with 8 sensors

The operation of the rear sensors is automatically deactivated when the trailer's electric cable plug is inserted in the tow hook socket of the car, while the front sensors stay active and can provide acoustic and visual warnings. In this case, the LED on the button on the dashboard fig. 106 stays off. The rear sensors are automatically reactivated when the trailer's cable plug is removed.

IMPORTANT NOTES

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, thick paint, 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 rear parking sensors.
Before using the Park Assist system, it is recommended to remove the tow hook ball assembly and the relevant attachment from the vehicle when the latter is not used for towing operations. Failure to comply with this prescription may cause personal injuries or damage to vehicles or obstacles since, when the continuous acoustic warning is emitted, the tow hook ball is already in a position that is much closer to the obstacle than the rear bumper. If you wish to leave the tow hook fitted without towing a trailer, it is advisable to contact a Fiat Dealership for the relevant Park Assist system update operations because the tow hook could be detected as an obstacle by the central sensors.
❒ the presence of adhesives on the sensors. Therefore, take care not to place stickers on the sensors.

WARNING

129) *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.

IMPORTANT

54) *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.*

55) *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.*

56) *Only have the bumper repainted or any retouches to the paintwork in the area of the sensors carried out by a Fiat Dealership. Incorrect paint application could affect the operation of the parking sensors.*

57) *The rear sensors may provide a false reading, interpreting the tow hook ball assembly and the respective attachment as an obstacle in the area behind the car.*

LANE ASSIST SYSTEM (lane crossing warning)

DESCRIPTION

58) 59) 60) 61) 62) 63)

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

When the one of the lane lines is detected and the car crosses it 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 car. 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 warning and deactivates until it is reactivated by pressing the dedicated button (see description below).

SYSTEM ON/OFF

The Lane Assist system can be enabled/disabled using button (A) fig. 107, located on the left stalk.

107 F1B0334C

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

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;

❒ one of the lane lines is perfectly visible;

❒ 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;

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.).

IMPORTANT

58) *Projecting loads on the roof of the car 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.*

59) *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.

60) *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.*

61) *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.*

62) *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 glass.*

63) *Camera operation may also be compromised by the presence of dust, condensation, dirt or ice on the windscreen glass, by traffic conditions (e.g. cars that are driving not aligned with yours, car 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.*

TRAFFIC SIGN RECOGNITION

(where provided)

eLUM

130) 131) 132)

64) 65) 66) 67) 68)

The system automatically detects the recognisable road signs by means of a sensor located on the windscreen fig. 108:

❒ speed limits;

❒ no overtaking;

❒ signs indicating the end of the prohibitions indicated above.

108 F1B0656

The system always checks the traffic signs indicating the current speed limit and possible no overtaking signs.

IMPORTANT The system is designed to read roads signs complying with the specifications of the Vienna convention and ENCAP 2018 requirements.

USE OF THE TRAFFIC SIGN RECOGNITION

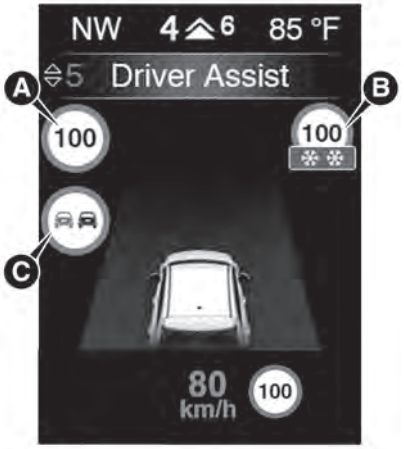
System switching on and off

The system may be activated/deactivated using the menu on **Uconnect™ 7" HD LIVE** and **Uconnect™ 7" HD Nav LIVE** systems (where provided).

NOTE On versions with **Uconnect™Radio**, the system may be activated/deactivated on the instrument panel (see the "Display" paragraph in the "Knowing the instrument panel" chapter).

NOTE The system will be activated whenever the engine is started.

The system state is shown on the instrument panel display in the "Driver Assist" area fig. 109 (see the "Display" paragraph in the "Knowing the instrument panel" chapter):



109 F1B0638

A. Speed limit indication;

B. Speed limit indication in combination with additional specification signals;

C. No overtaking indication.

The system can identify an additional road sign, e.g. a lower speed limit applied in case of rain. This will be shown in the area of the instrument panel display only when the following conditions occur:

❒ the additional fog signal will appear if the front or rear fog lights are on;

❒ the additional snow signal will appear if the outside temperature is equal to or lower than 3°C and the windscreen wipers are working;

❒ the additional rain signal will appear if the windscreen wipers are working.

WARNING

130) *The system only detects preset traffic signs if the minimum visibility conditions and distance from the sign are met.*

131) *The system is an aid for driving and does not relieve the driver of responsibility for driving the car. Always respect the highway code of the country you are driving in.*

132) *When the system is active, the driver is responsible for controlling the car and monitoring the system, and must be ready to intervene as appropriate if necessary.*

IMPORTANT

64) *Functionality may be limited or the system may not work if the sensor is obstructed.*

65) *The system may have limited operation or not work at all in weather conditions, such as heavy rain, hail, thick fog and low temperatures. Strong light contrasts can influence the recognition capability of the sensor.*

66) *The area surrounding the sensor must not be covered with stickers or any other object.*

67) *Do not tamper or perform any operations in the area of the windscreen glass directly surrounding the sensor.*
68) *Clean the windscreen glass from foreign matters such as bird droppings, insects, snow or ice. Use specific detergents and clean cloths to avoid scratching the windscreen.*

INTELLIGENT SPEED ASSIST

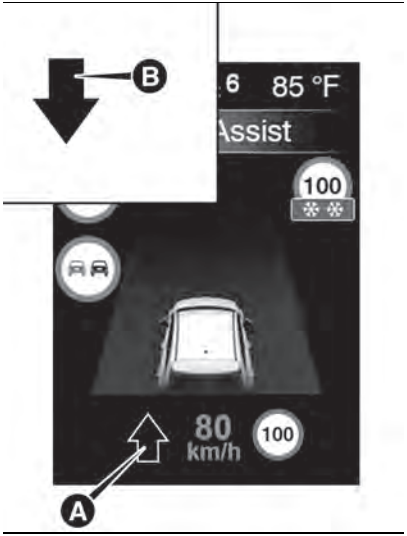
(where provided)
The system can be used to set a speed limit equal to that indicated on the road sign detected by the "Traffic Sign Recognition" system (see the respective paragraph in this chapter for more information), indicated to the driver by means of an indication on the instrument panel.
The maximum speed can be set both with car stationary and in motion.
The minimum speed that can be set is 30 km/h.

SPEED LIMIT PROGRAMMING

The system can be activated if the driver has activated the systems beforehand:

- Speed Limiter
- Traffic Sign Recognition

A message indicating that a speed limit switch to that detected by the Traffic Sign Recognition system can be programmed with these systems active.
If the speed is higher than the current speed level stored by the Speed Limiter, message (A) fig. 110 will appear on the instrument panel.
If the speed shown by the Traffic Sign Recognition is lower than the current speed level stored by the Speed Limiter, message (B) fig. 110 will appear on the instrument panel.



110 F1B0707

SYSTEM ACTIVATION

To activate the system, press the RES (A) fig. 111 button on the steering wheel, to store the speed limit equal to the one indicated by the Traffic Sign Recognition system.
Engine stopping is signalled by the fig. 112 symbol lighting up on the instrument panel display.

111 F1B0730

112 F1B0700

SYSTEM DEACTIVATION

The system is deactivated under the following conditions:

- when the Traffic Sign Recognition system is deactivated;
- when the Speed Limiter system is deactivated;
- when the Traffic Sign Recognition system shows a new speed limit;
- when the Traffic Sign Recognition system shows the end of the speed limit;
- when the Traffic Sign Recognition system cannot display any speed limit.

EXCEEDING THE PROGRAMMED SPEED

By fully depressing the accelerator pedal, the programmed speed can be exceeded even with the system active (e.g. in the event of overtaking).

The system is disabled until the speed drops below the set limit, after which it activates again automatically.

FLASHING OF PROGRAMMED SPEED

The programmed speed flashes in the following cases:

- when the accelerator pedal has been fully depressed and the car has exceeded the programmed speed;
- activating the system after setting a limit below the effective speed of the car;
- when the device cannot reduce the speed of the vehicle due to the gradient of the road;
- in the event of sharp acceleration.

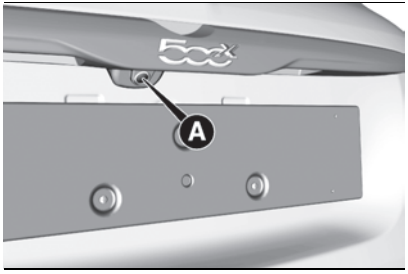
REAR VIEW CAMERA

eLUM

DESCRIPTION

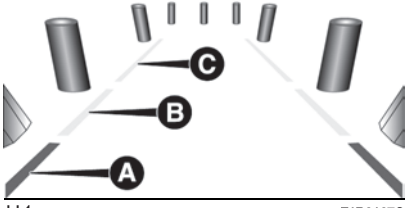
The (A) fig. 113 camera is located on the luggage compartment tailgate.

133)
69)



113 F1B0064C

Every time reverse is engaged, the display fig. 114 shows the area around the car, as seen by the rear camera.



114 F1B0167C

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 part of the car.

The table below shows the approximate distances for each area fig. 114:

Area	Distance from the rear part of the car
Red (A)	0 - 30 cm
Yellow (B)	30 cm - 1 m
Green (C)	1 m or more

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

WARNING

133) *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 keep a slow speed, so as to promptly brake in the case of obstacles.*

IMPORTANT

69) *It is vital, for correct operation, that the camera is always kept clean and free from any 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 vehicle 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. Also, do not apply stickers to the camera.*

TOWING TRAILERS

eLUM

IMPORTANT NOTES

134) 135)

For towing caravans or trailers the car 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 car tow hook reduces the car'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 mm^2. In addition to the electrical branches, the car 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 battery cable with cross-section no less than 2.5 mm^2. The use of auxiliary loads other than external lights (e.g. electric brake) must take place with engine running.

TOW HOOK SETUP

The towing device should be fastened to the body by specialised technicians 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. For the electrical connection, 7 or 13 pin 12VDC connection is to be used (CUNA/UNI and ISO/DIN Standards). Follow the instructions provided by the car manufacturer and/or the tow hitch manufacturer.

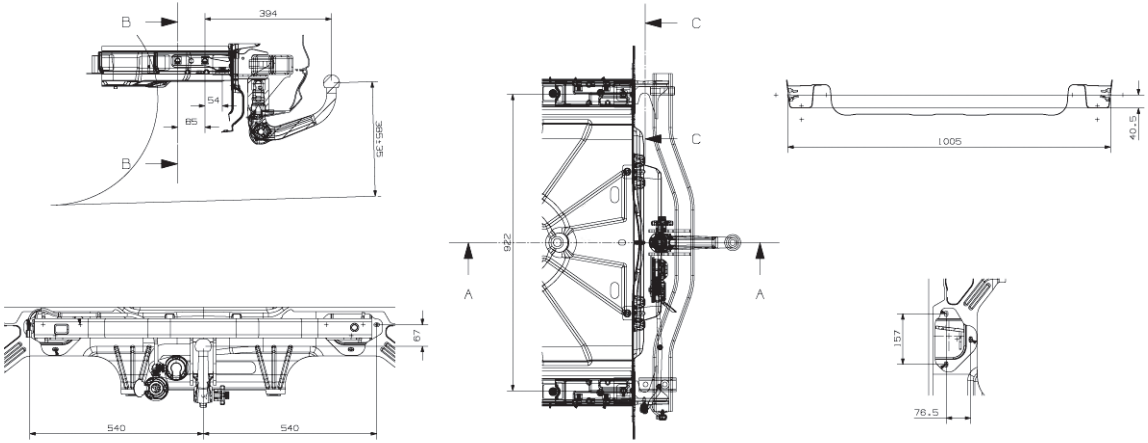
WARNING

134) *The ABS with which the car is equipped will not control the braking system of the trailer. Particular caution is required on slippery roads.*

135) *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.*

REMOVABLE BALL HEAD TOW BAR

The tow hook structure must be secured to the body in the points shown in the figure fig. 115.



115 F1B0168C

IMPORTANT To install a tow hook contact a Fiat Dealership.

REFUELLING THE CAR

136) 137) 138)

PETROL ENGINES

Only use unleaded petrol with a number of octanes (R.O.N.) not lower than 95 (EN228 specification).

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

DIESEL ENGINES

70)

Only use Diesel for motor vehicles (EN590 specification).

When using or parking the car for a long time in the mountains or cold areas, it is advisable to refuel using locally available Diesel. In this case, it is also advisable to keep the tank over 50% full.

REFUELLING PROCEDURE

"Capless Fuel" is a device at the opening for the fuel tank which opens and re-closes automatically when the fuel supply gun is introduced/removed.

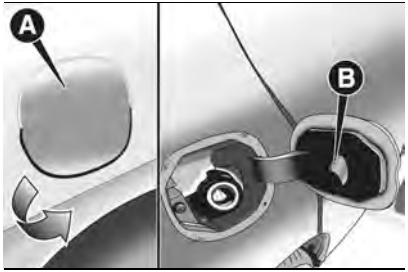
The "Capless Fuel" device is provided with an inhibitor which prevents refuelling with incorrect fuel.

Opening the flap

To refuel proceed as follows:

❒ open flap (A) fig. 116, pulling the tab outwards;

❒ introduce the dispenser in the filler and refuel;



116 F1B0719

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

❒ then remove the nozzle from the filler and close flap (A).

Flap A 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.

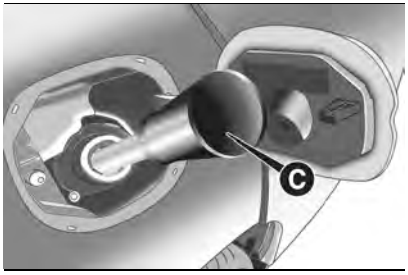
Emergency refuelling

Proceed as follows:

❒ open the luggage compartment and take adapter (C) fig. 117, located in the tool box or in the Fix&Go container (according to the versions);

❒ open flap (A) fig. 116, as described previously;

❒ introduce the adaptor in the filler as shown and refuel;



117 F1B0725

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

❒ finally refit the adaptor in the boot.

TOPPING UP AdBlue® DIESEL EMISSIONS ADDITIVE

(Diesel versions only)

(where provided)

71)

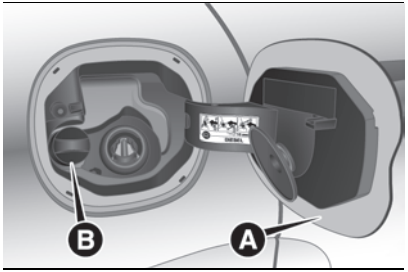
Preliminary conditions

AdBlue® freezes at temperatures lower than -11°C. If the car stands for a long time at this temperature refilling could be difficult.

Proceed as follows:

❒ park the car on flat ground and stop the engine by setting the start device in the OFF position;

❒ open the fuel flap A (A) fig. 118 and then unscrew and remove the cap (B) (blue) from the AdBlue® filler.



118 F1B0694

Refilling with nozzles

The system was designed in compliance with ISO 22241-5 (nozzle capacity: 10 l/min.).

Refilling at stations with higher flow rates is possible, but the nozzle could shut off and the amount introduced into the tank may vary.

Proceed as follows:

❒ insert the AdBlue® nozzle in the filler, start refilling and stop refilling at the first shut-off (the shut-off indicates that the AdBlue® tank is full). Do not proceed with the refilling, to prevent spillage of AdBlue®;

❒ extract the nozzle.

Refilling with containers

Proceed as follows:

❒ check the expiration date;

❒ read the advice for use on the label before pouring the content of the bottle into the AdBlue® tank;

❒ if systems which cannot be screwed in (e.g. tanks) are used for refilling, after the indication appears on the instrument panel display (see “Warning lights and messages" paragraph in the “Knowing the instrument panel” chapter), fill the AdBlue® tank with no more than 7.5 litres;

❒ if containers which can be screwed to the filler are used, the reservoir is full when the AdBlue® level in the container stops pouring out. Do not proceed further.

Operations after refilling

Proceed as follows:

❒ fit the cap (B) fig. 118 back on the AdBlue® filler by turning it clockwise and screwing it completely;

❒ set the starter switch to MAR (it is not necessary to start the engine);

❒ wait for the indication on the instrument panel to switch off before moving the car. The indication may stay on for a few seconds to approximately half a minute. If the engine is started and the car is moved, the indication will remain on for longer. This will not compromise engine operation;

❒ if the AdBlue® was topped up when the tank was empty, see the “Refuelling ” paragraph in the “Technical Specifications” chapter and wait for 2 minutes before starting the engine.

IMPORTANT If AdBlue® is spilled out of the filler neck, clean up well the area and proceed to filling up again. If the liquid crystallises, eliminate it with a sponge and warm water.

IMPORTANT

❒ DO NOT EXCEED THE MAXIMUM LEVEL: this could cause damage to the reservoir. AdBlue® freezes at under -11 °C. Although the system is designed to operate below the freezing point of the AdBlue®, it is advisable not to fill the tank beyond the maximum level because if the AdBlue® freezes the system can be damaged. Comply with the instructions provided in this section.

❒ If the AdBlue® is spilled on painted surfaces or aluminium, immediately clean the area with water and use absorbent material to collect the fluid that has been spilled on the ground.

❒ Do not try to start the engine if AdBlue® was accidentally added to the Diesel fuel tank, this can result in serious engine damage, contact a Fiat Dealership.

❒ **Do not add additives or other fluids to AdBlue®, doing so could damage the system.**
❒ **The use of non-conforming or degraded AdBlue® may lead to indications appearing on the instrument panel display (see "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter).**
❒ **Never pour AdBlue® into another container: it could be contaminated.**
❒ **In case of damage to the sewage system of exhaust gas resulting from the use of additives / tap water, the introduction of diesel fuel, or at least by not fulfilling the requirements, the warranty expires.**
❒ **If the AdBlue® runs out, see "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter to continue using the car normally.**

Storing AdBlue®

AdBlue® is considered a very stable product with a long shelf life. Stored at temperatures LOWER than 32°C, it has a shelf life of at least one year.

Follow the instructions on the label of the container.

Fuel - Vehicle compatibility identification Graphic symbol for informing consumers in accordance with EN16942

The symbols shown below facilitated recognising the correct fuel type to be used on your car.

Before proceeding with refuelling, check the symbols inside the fuel filler flap (where provided) and compare them with the symbols shown on the fuel pump (where provided).

Symbols for petrol powered cars

E5: Unleaded petrol containing up to 2.7% (m/m) oxygen and with maximum 5.0% (V/V) ethanol compliant with **EN228**

E10: Unleaded petrol containing up to 3.7% (m/m) oxygen and with maximum 10.0% (V/V) ethanol compliant with **EN228**

Symbols for diesel powered cars

B7: Diesel containing up to 7% (V/V) of FAME (Fatty Acid Methyl Esters) compliant with **EN590**

B10: Diesel containing up to 10% (V/V) of FAME (Fatty Acid Methyl Esters) compliant with **EN16734**

WARNING

136) *Do not apply any object/cap to the end of the filler which is not provided for the car. The use of non-compliant objects/plugs could cause a pressure increase inside the tank, resulting in dangerous situations.*
137) *Do not approach naked flames or lit cigarettes to the fuel tank filler: fire risk. Keep your face away from the fuel filler to prevent breathing in harmful vapours.*
138) *Do not use a mobile phone near the refuelling pump: risk of fire.*

IMPORTANT

70) *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 introduce other types of fuel into the tank, do not start the engine. Empty the tank. If the engine has been run for even an extremely limited amount of time, you must*

not only drain the fuel tank, but the rest of the supply circuit as well.
71) *If **AdBlue**® overheats for a prolonged period inside the tank to over 50°C (for example, due to direct solar irradiation), the **AdBlue** ® may decompose and produce ammonia vapours. Ammonia vapours have a pungent odour when the cap of the **AdBlue** ® tank is unscrewed, therefore be careful not to inhale any ammonia vapours in the tank outlet. In this concentration, however, the ammonia vapours are not harmful or dangerous to health.*

AdBlue® (UREA) ADDITIVE FOR DIESEL EMISSIONS

The car may be equipped with an AdBlue® (UREA) injection system and Selective Catalytic Reduction to meet emission standards, where provided. These two systems ensure compliance with the diesel emissions requirements; at the same, they ensure fuel-efficiency, handling, torque and power. For messages and system warnings, refer to the "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter.
AdBlue® (UREA) is considered a very stable product with a long shelf life. Stored at temperatures LOWER than 32 °C, it has a shelf life of at least one year.

For more information on the AdBlue® liquid type, see the “Fluids and lubricants” paragraph in the “Technical specifications” chapter.
The car is provided with an automatic AdBlue® heating system when the engine starts allowing the system to work correctly at temperatures lower than -11 °C.
IMPORTANT AdBlue® freezes at temperatures lower than -11 °C.

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

CONTROL

Press button fig. 119 to switch the lights on/off.

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

119 F1B0632C

WARNING 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 warning lights ⇦ and ⇨ in the instrument panel. The lights switch off automatically when emergency braking ceases.

BULB REPLACEMENT

eLUM

139) 140) 141) 142)

72)

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 changing the bulb. For the location of fuses, refer to the paragraph "If a fuse blows" in this chapter.

IMPORTANT When the weather is cold or damp or after heavy rain or after 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 an anomaly 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 car is equipped with the following bulbs

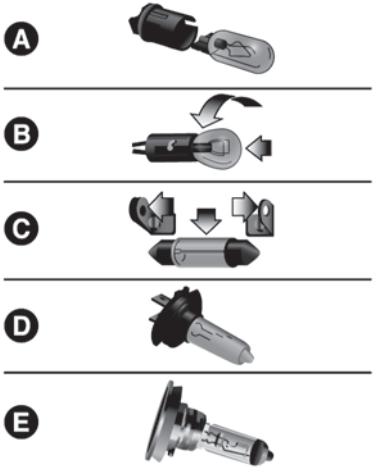
Glass bulbs (type A): they are press-fitted. Pull to extract.

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.



Light bulbs	Type	Power	Figure reference
Front side lights/Daytime running lights (DRL) (halogen)	W21W	21W	B
Front side lights/Daytime running lights (DRL) (LED) (where provided)	LED	–	–
Rear side/brake light	LED	–	–
Main beam/dipped beam headlights (halogen)	H4	60/55W	D
Main beam/dipped beam headlights (LED)	LED	–	–
Front direction indicators	WY21W	21W	B
Rear direction indicators	WY21W	21W	B
Side direction indicators (on door mirror)	WY5W	5W	A
3rd stop	LED	–	–
Number plate (halogen)	W5W	5W	A
Number plate (LED)	LED	–	–
Fog lights (halogen)	H11	55W	E
Fog lights (LED)	LED	–	–
Rear fog light	P21W	21W	B
Reverse gear	P21W	21W	B
Front ceiling light	C5W	5W	A
Front roof lights (sun visors)	C5W	5W	A
Rear ceiling light (versions without sun roof)	C5W	5W	A

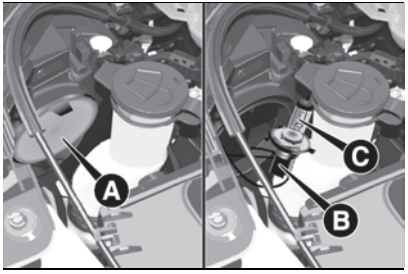
Light bulbs	Type	Power	Figure reference
Rear roof lights (versions with sun roof)	C5W	5W	C
Luggage compartment lights	W5W	5W	A

REPLACING AN EXTERNAL BULB

Main beam/dipped beam headlights (halogen)

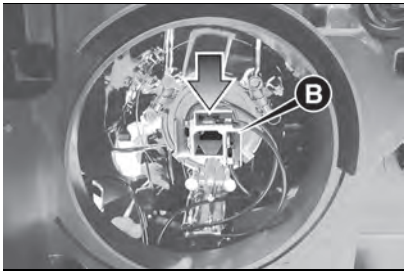
To replace the bulb, proceed as follows:

❒ working from inside the engine compartment, remove rubber cap (A) fig. 120, using the dedicated tab;



120 F1B0146C

❒ press the electric connector (B) fig. 121 downwards to release the bulb and bulb holder assembly from the housing;



121 F1B0710

❒ pull out the bulb holder outwards;
❒ disconnect the electrical connector (B) and replace the bulb (C).
❒ then insert the bulb and bulb holder assembly in its housing and press it until you hear it lock. Make sure 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.

LED main beam / dipped beam headlights / fog lights

For replacing these bulbs, contact a Fiat Dealership.

Side lights/daytime running lights (DRL) (LED)

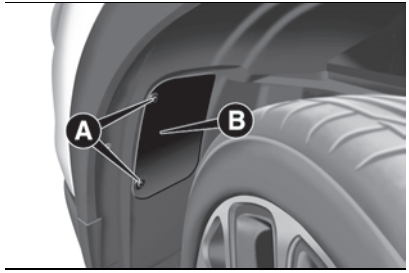
(where provided)

To replace them, contact a Fiat Dealership.

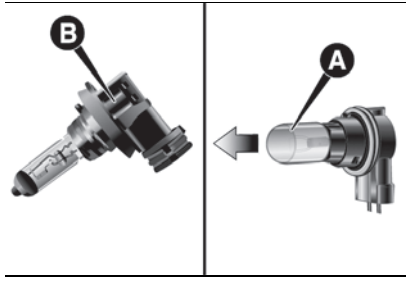
Side lights/daytime running lights (DRL) (halogen)

To replace the bulbs, proceed as follows:

❒ steer the vehicle wheels completely inwards;



122 F1B0147C



123 F1B0253C

❒ using the screwdriver provided, undo the screws (A) fig. 122 and remove the inspection flap (B);
❒ identify the side light/daytime running light bulb;

❒ turn the bulb and bulb holder assembly anticlockwise and then remove it sliding it outwards;
❒ replace the bayonet-fitted bulb (A) fig. 123;
❒ then reassemble the inspection flap (B) fig. 122, fully tightening fixing screws (A).

Front direction indicators

To replace the bulbs, proceed as follows:

❒ steer the vehicle wheels completely inwards;
❒ using the screwdriver provided, undo the screws (A) fig. 122 and remove the inspection flap (B);
❒ identify the direction indicator bulb;
❒ turn the bulb and bulb holder assembly anticlockwise and then remove it sliding it outwards;
❒ replace the bayonet-fitted bulb (A) fig. 123;
❒ finally, refit inspection flap (B) fig. 122, completely tightening fixing screws A.

Fog lights (halogen)

To replace the bulbs, proceed as follows:

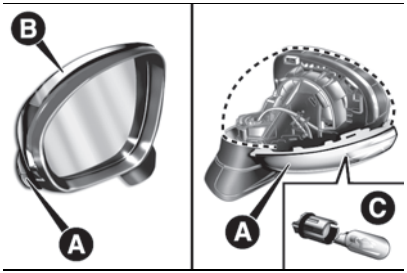
❒ steer the vehicle wheels completely inwards;
❒ using the screwdriver provided, undo the screws (A) fig. 122 and remove the inspection flap (B);
❒ identify the fog light;
❒ turn the bulb and bulb holder assembly anticlockwise and then remove it sliding it outwards;
❒ disconnect the electrical connector;
❒ replace the bulb-bulb holder assembly (B) fig. 123;
❒ reconnect the electrical connector to the new bulb-bulb holder; then insert it making sure it is locked correctly;
❒ insert the assembly by turning it clockwise and locking it correctly;
❒ then reassemble the inspection flap (B) fig. 122, fully tightening fixing screws (A).

Side direction indicators

IMPORTANT The procedure is described by way of example only. It is advisable to contact a Fiat Dealership for bulb replacement.

To replace the bulb, proceed as follows:

❒ remove cover (B) fig. 124 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);



124 F1B0149C

❒ remove the lens (A) and then remove the bulb (C) pulling it from the respective bulb holder.
❒ fit the new bulb, making sure it is correctly locked;
❒ refit bulb holder on the lens (A);
❒ refit cap (B) on the door mirror correctly, ensuring that it locks correctly.

Rear bulb position

125 F1B0696

1. Tail lights/Brake lights 2. Direction indicator 3. Rear fog light (left light) - Reversing light (right light)

Tail lights

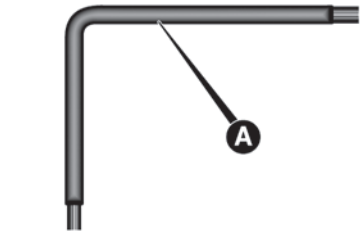
The tail lights are LED-type. For replacing these bulbs, contact a Fiat Dealership.

Brake lights

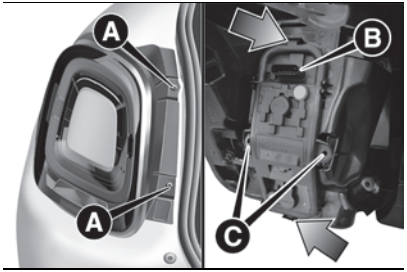
The brake lights are LED-type. For replacing these bulbs, contact a Fiat Dealership.

Rear fog lights, reversing light, rear direction indicators

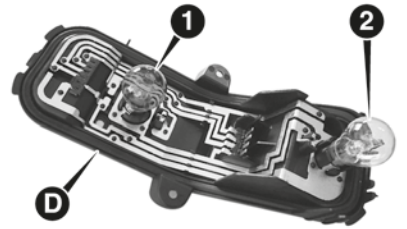
To replace the bulbs, proceed as follows:



126 F1B0022C



127 F1B0723



128 F1B0724

❒ open the tailgate;
❒ using the tool (A) fig. 126 provided (located in the on-board document pouch), undo the two screws (A) fig. 127, then release the light cluster from the respective pin fasteners pulling it carefully;
❒ disconnect the connector (B), then undo the two screws (C);
❒ release the tabs indicated by the arrows and extract the bulb holder assembly (D) fig. 128;
❒ identify the bulb to be replaced (1 Direction indicator - 2 Rear fog light or Reversing light);
❒ all bulbs are "bayonet-fitted"; to replace them, press slightly and turn at the same time: anticlockwise to extract; clockwise to insert;
❒ reposition the bulb holder assembly (D) correctly in the headlight body; proceed until you hear the tabs click;
❒ tighten the two screws (C) fig. 127 and reconnect the connector (B);
❒ refit the lens by screwing the two screws (A) completely;
❒ close the tailgate.

Third brake lights

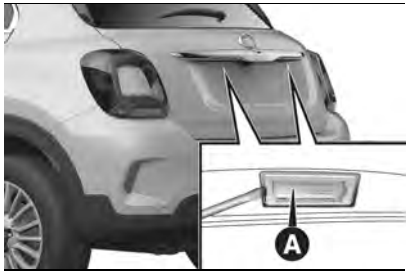
The third brake lights are LED-based. To replace them, contact a Fiat Dealership.

Number plate lights - Versions with halogen bulbs

(where provided)

To replace the bulbs, proceed as follows:

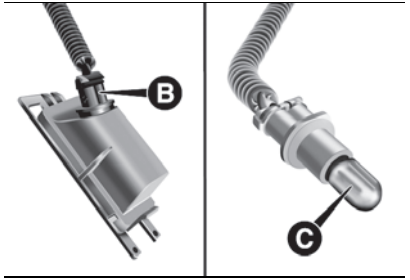
❒ using the screwdriver provided, remove the lenses (A) fig. 129 working in the point shown;



129 F1B0669

❒ turn the bulb holder assembly (B) fig. 130 anticlockwise, extract bulb C and replace it.

❒ finally, refit the lenses.



130 F1B0154C

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.

Number plate lights - Versions with LED lights

(where provided)

For replacing these bulbs, contact a Fiat Dealership.

WARNING

139) *Before replacing the bulb, wait for the exhaust ducts to cool down: DANGER OF SCALDING!*

140) *Modifications or repairs to the electric system that are not carried out properly or do not take the system technical specifications into account can cause malfunctions leading to the risk of fire.*

141) *Halogen bulbs contain pressurised gas, in the case of breakage they may burst causing glass fragments to be projected outwards.*

142) *Only replace the light bulbs when the engine is off and in a position that does not interfere with traffic and lets you safely replace them (see the description in the "Replacement" paragraph). Also ensure that the engine is cold, to prevent the risk of burns.*

IMPORTANT

72) *Halogen bulbs must be handled holding the metallic part only. Touching the transparent part of the bulb with your fingers may reduce the intensity of the emitted light and even reduce the lifespan of the bulb. In the event of accidental contact, wipe the bulb with a cloth moistened with alcohol and let the bulb dry.*

REPLACING FUSES

GENERAL INFORMATION

143) 144) 145) 146)

73) 74)

Fuses protect the electrical system: they intervene (blow) in the event of a failure or improper action on the system.

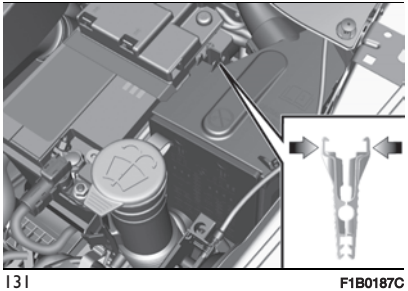
Fuse extracting pliers

To replace a fuse, use the pliers hooked to the side of the engine compartment fuse box cover (see fig. 131).

The tongs have two different ends, specifically designed to remove the different types of fuses present in the car.

Pick the tongs from the upper tabs, press them and extract the tongs by

pulling them upwards. After use, put the tongs back in their housing by picking the upper tabs, pressing them and pushing until you hear the clip.



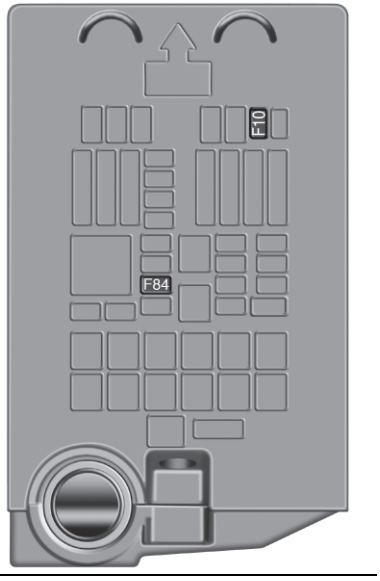
131 F1B0187C

FUSE LOCATION

Fuses are grouped together in the fuseboxes located in the engine compartment, under the dashboard and inside the boot.

ENGINE COMPARTMENT FUSEBOX

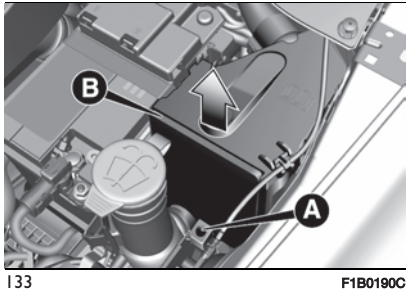
The fuse box is located by the side of the battery fig. 132.



132 F1B0191C

To access the fuses, proceed as follows:

❒ fully tighten screw (A) fig. 133, 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;
❒ remove cover (B), sliding it upwards on the side guides, as indicated in the figure.



133 F1B0190C

The number identifying the electrical component corresponding to each fuse is shown on the cover.

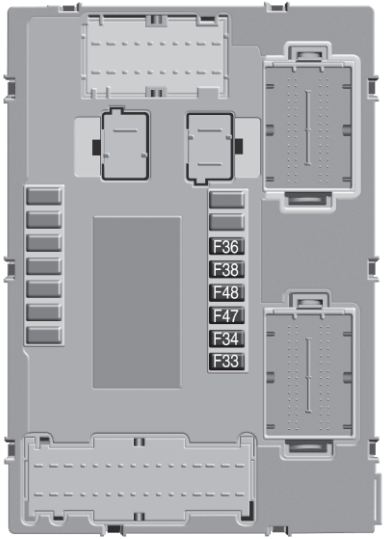
Once the fuse has been replaced, proceed as follows:

❒ correctly refit the cover (B) in the side guides of the casing;
❒ slide it down completely from the top;
❒ 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 FUSEBOX

The fuse box fig. 134 is located near the left side of the steering column and the fuses can be accessed easily from the lower part of the dashboard.

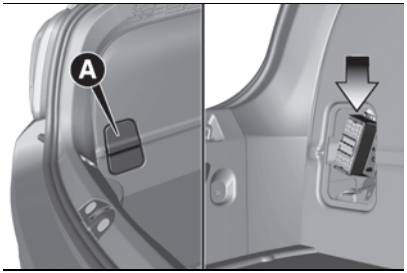
For fuse replacement, contact a Fiat Dealership.



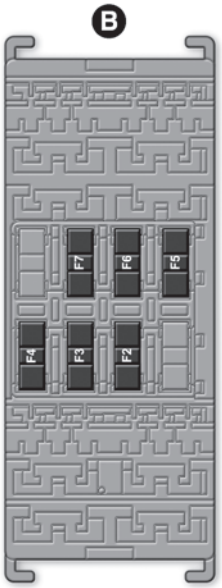
134 F1B0193C

LUGGAGE COMPARTMENT CONTROL UNITS

Open inspection cover (A) fig. 135 and access the fuses in fuse box (B) fig. 136.



135 F1B0194C



136 F1B0195C

ENGINE COMPARTMENT FUSEBOX

USERS	FUSE	AMPERE
Horn	F10	10
Cigar lighter/power socket power supply	F84	20

DASHBOARD FUSEBOX

USERS	FUSE	AMPERE
Front electric window (passenger side)	F33	20
Front electric window (driver side)	F34	20
Power supply to **Uconnect™** system, Climate Control System, Rear-view mirror folding system, EOBD system, USB port, Rear side roof light (convertible version)	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

LUGGAGE COMPARTMENT CONTROL UNITS

NOTE The configuration of the boot fusebox may vary in accordance with the equipment on the car.

Fusebox B

USERS	FUSE	AMPERE
Hi-Fi system	F2	20
Electric sunroof	F3	20
Electric front seat lumbar regulation (driver's side)	F4	7.5
Electric front seat movement (driver's side)	F5	30
Electric front seat lumbar support (driver's and passenger's sides)	F6	7.5
Electric front seat adjustment (passenger's side)	F7	30
Heated seats	F8	20

WARNING

143) *If the replaced fuse blows again, contact a Fiat Dealership.*
144) *Never replace a fuse with another with a higher amp rating; RISK OF FIRE.*
145) *If a fuse NOT indicated in this or the previous page is used, contact a Fiat Dealership.*
146) *Before replacing a fuse, make sure that the starter switch is at STOP, that the key, if mechanical, has been removed and that all devices are switched off and/or disconnected.*

IMPORTANT

73) *Never replace a faulty fuse with metal wires or anything else.*
74) *If it is necessary to wash the engine compartment, take care not to directly hit the fusebox and the window wiper motor with the water jet.*

CHANGING A WHEEL

JACK

147) 148)

Please note that:

❒ the jack weight 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 genuine one;
❒ no tool other than its cranking device may be fitted on the jack.

Maintenance

❒ prevent any dirt from depositing on the "worm screw";
❒ keep the "worm screw" lubricated;
❒ never modify the jack.

Conditions for non-use

❒ temperatures below −40°C;
❒ on sandy or muddy ground;
❒ on uneven ground;
❒ on steep roads;
❒ in extreme weather conditions: thunderstorms, typhoons, hurricanes, blizzards, storms, etc...
❒ in direct contact with the engine or for repairs under the car;
❒ on boats.

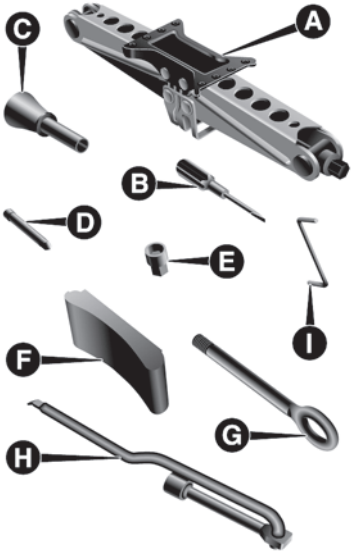
CHANGING PROCEDURE

149) 150) 151) 152) 153) 154) 155)

Proceed as follows:

❒ stop the car in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground must be flat and sufficiently compact;
❒ 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);
❒ before getting out of the vehicle, put on the reflective safety jacket (if required by the regulations in force); In any case, follow the road safety laws in force in the country where you are driving.
❒ open the luggage compartment and set the adjustable load platform in the diagonal position (see "Luggage Compartment" section of the "Getting to know your car" chapter);
❒ take out the tool bag supplied, anchored to the boot mat by special fasteners. The bag containsfig. 137: jack (A); screwdriver (B); emergency refulling adapter (C); wheel centring pin (D) (where provided, to be used to fit the spare wheel); special tamper-proof nut (E) (where provided, to be used to remove/refit the wheel stud bolts); wheel chock (F) (where provided); tow ring (G); wrench (H) wheel stud bolt and jack wrench; hex wrench (I) for

emergency sunroof operation (where provided);

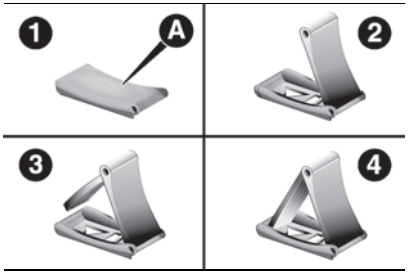


137 F1B0218C

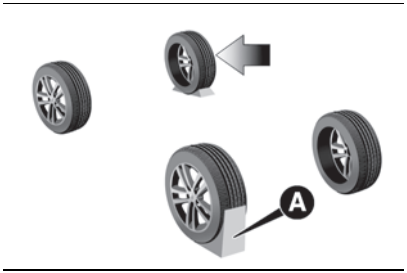
❒ raise the mat (A) fig. 138 and take the space-saver wheel (B);
❒ position the spare wheel and tool bag next to the wheel for changing;

138 F1B0219C

❒ take the chock (A) (where provided) fig. 139and fold it out as shown in the diagram;
❒ place the chock (A) on the wheel diagonally opposite the one to be replaced (see fig. 140) to prevent the vehicle from moving irregularly when it is lifted from the ground;

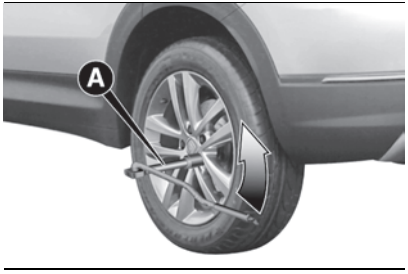


139 F1B0220C



140 F1B0221C

❒ use wrench (A) fig. 141 to loosen the fixing stud bolts by about one turn. For versions with alloy rims it is a good idea to "shake" the car to facilitate detachment of the rim from the wheel hub;
❒ position the jack under the vehicle, near the wheel to be changed;



141 F1B0223C

❒ insert the wrench (A) fig. 142 on the hexagonal part of the jack (B) to extend it until the top splined area fits correctly into the side member (C) of

the car, next to the symbol ▽ on the side member itself;

142 F1B0224C

❒ alert any bystander that the car is about to be raised; all persons should be kept away from the car and nobody must touch it until it has been lowered;
❒ use the wrench (A) to turn the jack (clockwise) and raise the car until the wheel is a few centimetres off the ground;
❒ with the wrench (A), completely unscrew the stud bolts and remove the wheel with the puncture;
❒ make sure the contact surfaces between space-saver wheel and hub are clean so that the mounting stud bolts will not come loose;
❒ to simplify fitting of the space-saver spare wheel, screw the centring pin into the highest hole in the wheel hub then fit the wheel, screwing on the first stud bolt by hand for at least two turns of the thread;
❒ remove the centring pin and screw on the other stud bolts by hand;
❒ using the wrench (A), screw down all the stud bolts;
❒ turn the wrench (A) (anticlockwise) on the hexagonal part of the jack to lower the car, then extract the jack;
❒ use the key (A) to fully tighten the stud bolts in a criss-cross fashion as per the numerical sequence shown in fig. 143;

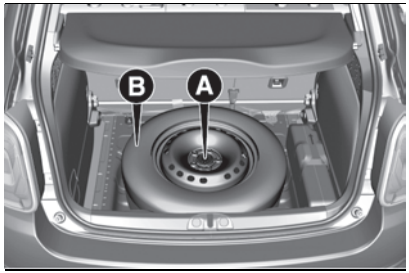
143 F1B0225C

❒ place the punctured wheel in the boot safely, restoring the correct fastening, and then correctly reposition the jack and the tools used;
❒ replace the mat in the luggage compartment, then return the adjustable load platform to the level position (see "Luggage Compartment" section of the "Getting to know your car" chapter);
Restore the standard wheel as soon as possible, also because, since it is larger than the space-saver spare wheel, when it is placed in the relative compartment the floor of the luggage compartment becomes slightly uneven.

CHANGING A WHEEL (versions with Subwoofer)

Versions with space-saver spare wheel

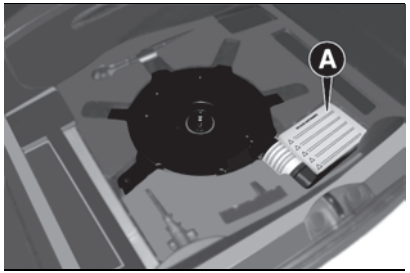
On these versions the tools for replacing the wheel are found in a dedicated bag inside the luggage compartment.
In the case of puncture, proceed as follows:
❒ open the boot and then lift up the mat;
❒ unscrew the fixing device (A) fig. 144, remove the space-saver spare wheel (B) and fit it instead of the wheel with the puncture, following the procedures already described.



144 F1B0453C

Versions with “Fix&Go” kit

To find the "Fix&Go" kit open the boot and then raise the cover mat: the kit (A) fig. 145 is located on the right side.



145 F1B0452C

WARNING

147) *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. Any other use, e.g. to jack up other vehicle models or different things, is strictly prohibited. Never use it to carry out maintenance or repairs under the vehicle or to change summer/winter wheels and vice versa: we advise you to contact a Fiat Dealership. Never go under the raised vehicle: use it only in the positions indicated. Do not use the jack for loads higher than the one shown on its label. Never start the engine with vehicle raised. If the vehicle is raised more than necessary, everything can become more unstable, with the risk of the vehicle dropping violently. Thus, lift the car only as needed in order to access the space-saver spare wheel.*

148) *When turning the jack handle make sure that it can turn freely without scraping your hand against the ground. The moving components of the jack ("worm screw" and joints) can also cause injuries: do not touch them. If you come into contact with lubricating grease, clean yourself thoroughly.*

149) *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.*

150) *It is extremely dangerous to attempt to change a wheel on the side of the car next to the driving lane: make sure that the car is at a sufficient distance from the road, to avoid being run over.*

151) *Alert other drivers that the car is stationary in compliance with local regulations: hazard warning lights, warning triangle, etc. Any passengers on board should leave the car, especially if it is heavily laden. Passengers should stay away from on-coming traffic while the wheel is being changed. For safety reasons, always block the wheels with the chocks provided.*

152) *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!*

153) *The space-saver wheel (where provided) is specific to your car: do not use it on other models, or use the space-saver wheel of other models on your car. The space-saver wheel must only be used in the event of an emergency. Never use it for more than strictly necessary and never exceed 80 km/h. "Warning! For temporary use only! 80 km/h max!" Replace with standard wheel as soon as possible. Never remove or cover the sticker on the space-saver wheel. Never apply a wheel cap on a space-saver wheel. The vehicle's driving characteristics will be modified with the space-saver wheel fitted. Avoid violent acceleration and braking, abrupt steering and fast cornering.*

154) *The space-saver spare 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).*

155) *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 KIT

(where provided)

eLUF1

156) 157)

75)

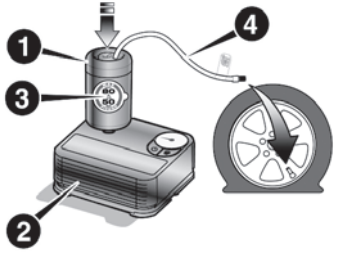
DESCRIPTION

The Fix&Go quick tyre repair kit fig. 146 is located in the boot, inside a dedicated container and consists of:

❒ one cartridge (1) containing sealant and fitted with: transparent tube for injecting the sealant (4) and sticker (3) with the wording "Max. 80 km/h" to be placed in a clearly visible position (e.g. on the dashboard) after repairing the tyre;

❒ one compressor (2);

❒ a pair of gloves located in the hose compartment of the cartridge (4).



146 P2000158

REPAIR PROCEDURE

Proceed as follows:

❒ stop the car in a position that is not dangerous for oncoming traffic where you can carry out the procedure safely. The ground must be flat and sufficiently compact;

❒ stop the engine, engage the hazard warning lights and the parking brake;

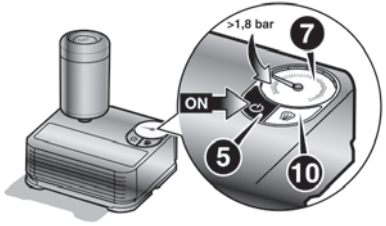
❒ before getting out of the vehicle, put on the reflective safety jacket (if required by the regulations in force); In any case, follow the road safety laws in force in the country where you are driving;

❒ insert the sealant cartridge (1) into the corresponding compressor compartment (2)and press it down hard fig. 146. Remove the speed limit sticker (3)and apply it in a clearly visible position fig. 147;

147 P2000162

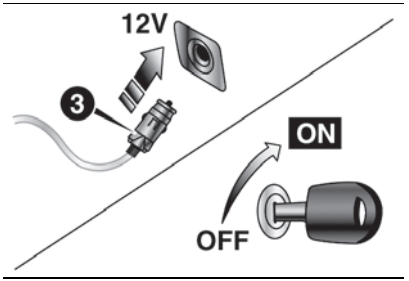
❒ wear the gloves;

❒ remove the cap from the tyre valve and connect and screw the transparent tube of the sealing fluid (4) fig. 146 onto the valve. If a 250 ml cartridge is present the housing of the transparent tube is provided with removable ring to facilitate extraction. Make sure that the ON-OFF button (5) fig. 148 is in the off position (button not pressed);



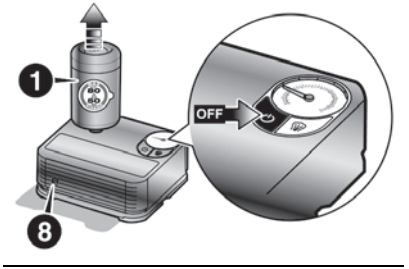
148 P2000160

❒ insert the electrical connector (3) fig. 149 into the 12V socket on the car and start the engine;



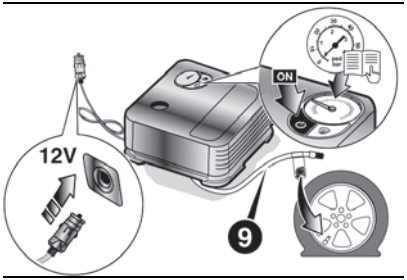
149 P2000159

❒ operate the compressor by pressing the ON-OFF button (5) fig. 148.
When the pressure shown in Owner Handbook or on the specific label appears on the pressure gauge (7), stop the compressor by pressing the ON-OFF button (5) again;
❒ disconnect the cartridge (1) from the compressor, by pressing the release button (8) and lifting the cartridge (1) upwards fig. 150.



150 P2000161

If the pressure gauge (7) fig. 148 indicates a pressure lower than 1.8 bar / 26 psi 15 minutes after starting the compressor, switch off the compressor, disconnect the sealing fluid tube (4) from the tyre valve and remove the cartridge (1) from the compressor fig. 150.
Move the car by approximately 10 m to distribute the sealant; stop the car safely, engage the handbrake and use the black inflation pipe (9) fig. 150 to reach the required pressure. If also in this case, the pressure is lower than 1.8 bar / 26 psi 15 minutes after turning on, do not resume driving but contact a Fiat Dealership.



151 P2000163

After driving for about 8 km / 5 miles, position the vehicle in a safe and suitable area and engage the handbrake. Take the compressor and restore the pressure using the black inflation hose (9) fig. 151

If the pressure shown is higher than 1.8 bar / 26 psi, restore the pressure and drive safely to a Fiat Dealership as soon as possible. If, however, the pressure is lower than 1.8 bar / 26 psi, do not resume driving but contact a Fiat Dealership.

PROCEDURE FOR RESTORING THE PRESSURE

Proceed as follows:
❒ stop the car safely, as described above, and operate the handbrake;
❒ extract the black inflation tube (9) fig. 151 and screw it firmly onto the tyre valve. Follow the instructions shown in fig. 149 and fig. 151.
Press the air release button (10) fig. 148 to adjust any tyre overpressure.

CARTRIDGE REPLACEMENT

Proceed as follows:
❒ only use original Fix&Go cartridges, which can be purchased from the Fiat Dealership.
❒ to remove the cartridge (1) fig. 146 press the release button (8) fig. 150 and lift it.

WARNING

156) *The information required by the applicable regulation is indicated on the Fix&Go kit package label. Carefully read the label on the cartridge before use, avoid improper use. Fix&Go is subject to expiration and must be replaced periodically. The kit should be used by adults and cannot be used by children.*
157) *IMPORTANT: Do not exceed 80 km/h. Avoid sudden acceleration or braking. The kit provides a temporary repair, therefore the tyre must be examined and repaired by a specialist as soon as possible. Before using the kit, ensure that the tyre is not excessively damaged and that the rim is in good condition, otherwise do not use it and call roadside assistance. Do not remove foreign bodies from the tyre. Do not let the compressor turned on for more than 20 consecutive minutes - overheating hazard.*

IMPORTANT

75) *The sealant fluid is effective with external temperatures from -40°C to +50°C. The sealant fluid has an expiry date and must be replaced periodically. It is possible to repair tyres with damage on the tread up to a maximum diameter of 6 mm. Show the cartridge and the label to the personnel charged with handling the tyre treated with the tyre repair kit.*

RUN FLAT TYRES

(where provided)

158) 159) 160)

"Run Flat" tyres allow you to maintain control of the car after a puncture and to continue driving safely for about 80 km at a maximum speed of 80 km/h. The reinforced tyre wall retains its shape and supports the weight of the car in the event of pressure loss.
For repair, contact a Fiat Dealership as soon as possible.

WARNING

158) *Do not exceed the maximum distance or speed (80 km - 80 km/h) in the event of pressure loss-puncture.*
159) *A pressure loss alters the driving behaviour of the car, for example, causing less directional stability when braking, longer braking distances and altered steering geometry. Therefore, adjust your driving style to avoid sudden turns or obstacles such as pavements and potholes.*
160) *Do not exceed 60 km/h when driving with an especially heavy trailer.*

EMERGENCY STARTING

76)

If the battery is flat, a jump starting can be performed using the battery and the cables of another car, 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 NOTES

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 car could be damaged.
Do not attempt jump starting if the battery is frozen. The battery could break and explode!

JUMP STARTING

The car battery is located in the engine compartment, behind the left light cluster.

161) 162) 163) 164)

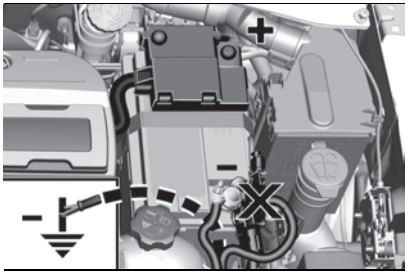
IMPORTANT The positive terminal (+) of the battery is shielded by a protective element. Raise it to access the terminal.

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 devices 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

77)

Proceed as follows to carry out bump starting fig. 152:
❒ connect one end of the cable used for positive (+) to the positive terminal (+) of the car 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;



152 F1B0737

❒ connect the other end of the cable used for negative (–) to an engine earth ⏚ (a visible metal part of the engine or of the vehicle transmission 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 car with flat battery.

Cable disconnection

Once the engine has 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 a jump starting, have the car battery and the recharging system checked by a Fiat Dealership.
IMPORTANT Any accessories (e.g. mobile phones, etc.) connected to the car 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

161) *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).*
162) *Do not get too close to the radiator cooling fan: the electric fan may start; danger of injury. Scarves, ties and other loose clothing might be pulled by moving parts.*
163) *Remove any metal objects (e.g. rings, watches, bracelets), that might cause an accidental electrical contact and cause serious injury.*
164) *The batteries contain acid that can burn skin or eyes. Batteries produce hydrogen, which is easily flammable and explosive. Thus keep away flames or devices which may cause sparks.*

IMPORTANT

76) *Never use a fast battery charger to start the engine as this could damage the electronic systems, particularly the engine ignition and fuel supply control units.*
77) *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 the lights inside the car;
❒ 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 car for fuel leaks, for instance in the engine compartment, under the car 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

⚠ 165)

To restore correct operation of the vehicle, carry out the following procedure (this procedure must be started and completed within less than 1 minute):

❒ with direction indicator lever in neutral position, turn the ignition device to STOP;
❒ turn the ignition device to MAR;
❒ activate the right direction indicator and then the left one;
❒ activate the right direction indicator and then the left one again;
❒ deactivate the left direction indicator;
❒ turn the ignition device to STOP and then to MAR.

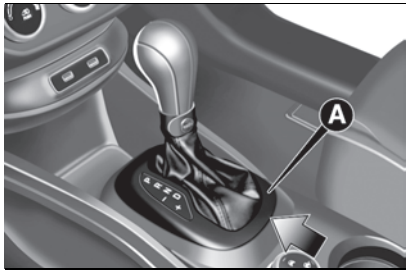
WARNING

165) *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 - LEVER UNLOCK

In the event of a failure, to move the gear lever from P (Park), proceed as follows:

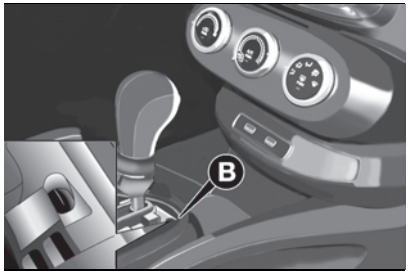
❒ stop the engine;
❒ engage the electric parking brake;
❒ working carefully in the point indicated by the arrow, remove the panel (A) fig. 153 (complete with gaiter) lifting it upwards (see also fig. 154);



153 F1B0758

154 F1B0759

❒ fully depress the brake pedal and hold it down;
❒ insert the screwdriver supplied perpendicularly in hole (B) fig. 155 and adjust the release lever;



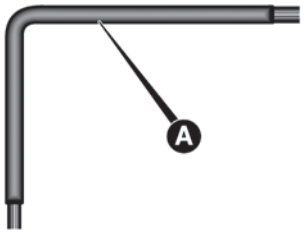
155 F1B0760

❒ place the gear lever in N (Neutral) position;
❒ refit the gear lever gaiter and panel correctly;
❒ start the engine.

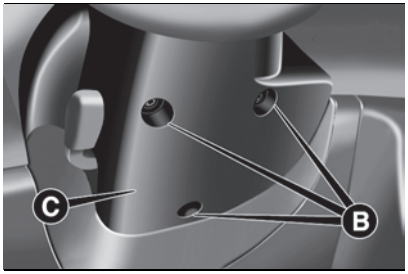
AUTOMATIC TRANSMISSION - KEY REMOVAL

78)

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 car 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 car in safety conditions, engage a gear and the electric parking brake;
❒ using the key (A) fig. 156provided (located in the container with the vehicle documents), undo the fixing screws (B) fig. 157 of the lower trim (C);

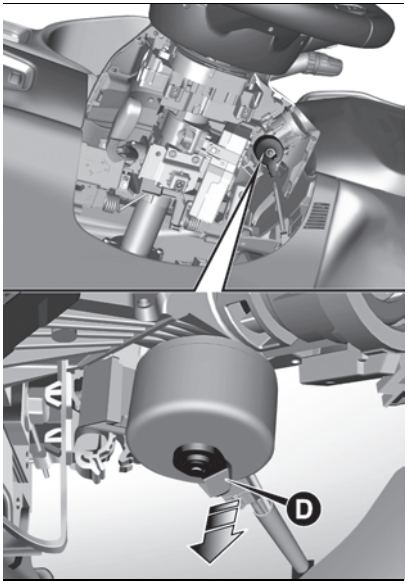


156 F1B0022C



157 F1B0143C

❒ remove the lower steering column trim (C) fig. 157 releasing it from its housing;
❒ pull tab (D) fig. 158 downwards using one hand and with the other one remove the key, sliding it outwards;



158 F1B0222C

❒ once the key has been removed, refit the lower trim (C) fig. 157, make sure it locks correctly and fully tighten the fixing screws (B).

IMPORTANT

78) *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.*

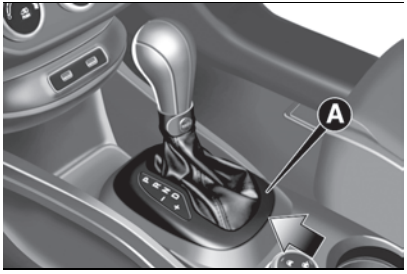
DUAL CLUTCH AUTOMATIC TRANSMISSION - LEVER UNLOCK

In case of failure or flat battery, to unlock the gear lever, proceed as follows:

❒ stop the engine;

❒ engage the electric parking brake;

❒ working carefully in the point indicated by the arrow, remove the panel (A) fig. 153 (complete with gaiter) lifting it upwards (see also fig. 160);

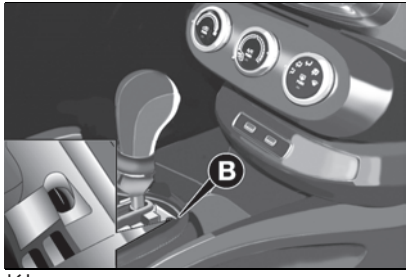


159 F1B0758

160 F1B0759

❒ fully depress the brake pedal and hold it down;

❒ insert the screwdriver supplied perpendicularly in hole (B) fig. 161 and adjust the release lever;



161 F1B0760

❒ place the gear lever in N (Neutral) position;

❒ refit the gear lever gaiter and panel correctly;

❒ start the engine.

DUAL CLUTCH AUTOMATIC TRANSMISSION - KEY REMOVAL

79)

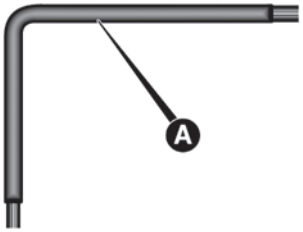
The ignition key (for versions with key without remote control) can be removed only if the gear lever is in position P (Park).

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

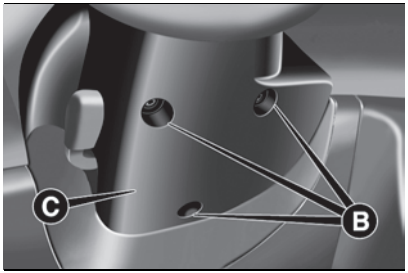
To remove the key manually, proceed as follows:

❒ stop the car in safety conditions, engage a gear and the electric parking brake;

❒ using the key (A) fig. 162provided (located in the container with the vehicle documents), undo the fixing screws (B) fig. 163 of the lower trim (C);



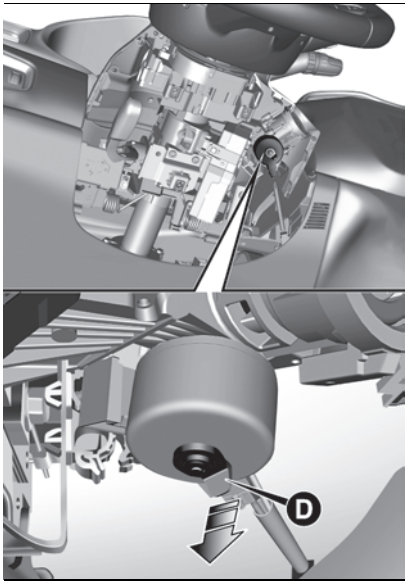
162 F1B0022C



163 F1B0143C

❒ remove the lower steering column trim (C) fig. 163 releasing it from its housing;

❒ pull tab (D) fig. 164 downwards using one hand and with the other one remove the key, sliding it outwards;



164 F1B0222C

❒ once the key has been removed, refit the lower trim (C) fig. 163, make sure it locks correctly and fully tighten the fixing screws (B).

IMPORTANT

79) *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 RING

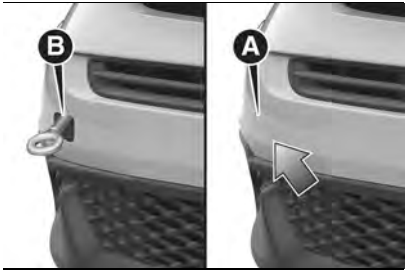
⚠ 166) 167) 168)

The tow ring provided is located in the tool box inside the boot.

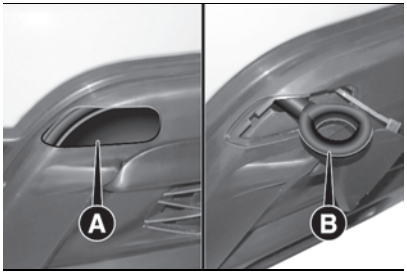
Front

Proceed as follows:

❒ working in the point shown by the arrow, release the cap (A) (fig. 165 or fig. 166depending on versions);
❒ take tow ring (B) and screw it fully onto the front threaded pin.



165 F1B0716

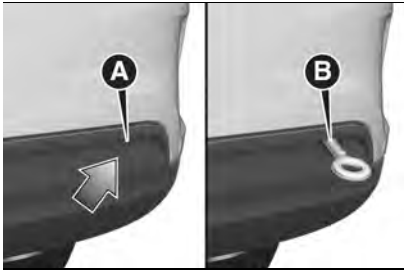


166 F1B0196C

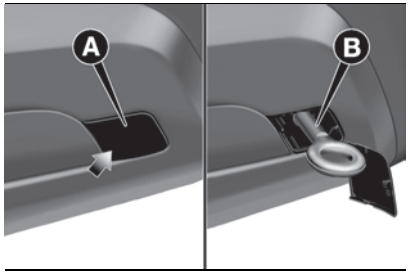
Rear

Proceed as follows:

❒ working in the point shown by the arrow, release the cap (A) (fig. 167 or fig. 168depending on versions);
❒ take tow ring (B) and screw it fully onto the rear threaded pin.



167 F1B0717



168 F1B0738

WARNING

166) *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, move the ignition device to MAR and then to STOP, without opening the door.*

167) *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 ropes 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 car, you must comply with all specific traffic regulations and*

adopt an appropriate driving behaviour. Do not start the engine while towing the car. Before tightening the ring, clean the threaded housing thoroughly. Make sure that the ring is fully screwed into the housing before towing the car.

168) *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 cables or other non-rigid devices. In compliance with the above conditions, towing must take place with the two vehicles (one towing, the other towed) aligned as much as possible along the same centre line.*

SERVICING AND MAINTENANCE

Correct servicing permits the performance of the car to be maintained over time, as well as limited running costs and safeguarding the efficiency of the safety systems.
This chapter explains how.

SCHEDULED SERVICING

Correct servicing is crucial for guaranteeing a long life for the car under the best conditions.
For this reason, Fiat has planned a series of checks and services at fixed distance and/or time intervals, as described in the Scheduled Servicing Plan
To keep the car's efficiency in tip-top condition, in the following Scheduled Service plan pages a few additional checks are listed that should be carried out more frequently with respect to the normal coupon redemption schedule.
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 the owner's explicit agreement only. If your car is used frequently for towing, the interval between one scheduled servicing operation and the next should be reduced.
IMPORTANT Scheduled Servicing operations are required by the Manufacturer. Failure to comply with the schedule may invalidate the warranty. We advise sharing any doubts regarding the car's proper operation with your Fiat Dealership, before waiting for the next coupon redemption.

SCHEDULED SERVICING PLAN (1.0, 1.3 and 1.4 Turbo Multi Air versions)

WARNING: Once you have carried out the last intervention in the table, continue with the scheduled servicing, maintaining the frequency indicated in the plan by marking each operation with a dot or dedicated note.

Warning: simply restarting the maintenance from the start of the plan may cause the allowed interval to be exceeded for some operations!

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 quick tyre repair kit recharge conditions/expiry date (if provided)	●	●	●	●	●	●	●	●	●	●
Check operation of lighting system (headlamps, direction indicators, hazard warning lights, luggage compartment, passenger compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (1)	●	●	●	●	●	●	●	●	●	●
Check the fuel/engine management systems operation, emissions and engine oil deterioration using the diagnosis equipment (where provided) (2)	●	●	●	●	●	●	●	●	●	●
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	●		●		●		●		●	
Check operation of windscreen washer system and adjust jets if necessary	●		●		●		●		●	
Check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage		●		●		●		●		●
Visually inspect conditions and wear of front and rear disc brake pads and integrity of pad wear indicator	●	●	●	●	●	●	●	●	●	●

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Visually inspect the condition of the accessory drive belt(s) (3)				●						
Check tension of accessory drive belt (versions without automatic tensioner)		●								●
Visually inspect conditions of toothed timing belt (1.4 Turbo Multi Air versions) (3)				●						
Check drive transmission idler unit (PTU) oil level (4x4 versions)				●				●		
Check rear differential fluid level (4x4 versions)				●				●		
Check oil level of electro-hydraulic actuator and top up, if necessary (1.4 Turbo Multi Air versions with dual-clutch automatic transmission) (4)								●		
Change engine oil and oil filter (1.0 and 1.3 versions)						(5)				
Change engine oil and replace oil filter (1.4 Turbo MultiAir versions) (6) (○) (●)	○	●	○	●	○	●	○	●	○	●
Replace spark plugs (1.0 and 1.3 versions) (7)				●				●		
Replace spark plugs (1.4 Turbo MultiAir versions) (7)		●		●		●		●		●
Replace accessory drive belt/s						(3)				
Replace toothed timing drive belt (1.4 Turbo Multi Air versions only)						(3)				
Change the brake fluid						(8)				
Replace air cleaner cartridge (9)		●		●		●		●		●

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 (9) (○) (●)	○	●	○	●	○	●	○	●	○	●

(1) Only ever use the fluids shown in the handbook for topping up, and only after checking that the system is intact.
(2) If the engine oil quality detected by the vehicle diagnostics is lower than 20%, it is advisable to replace the engine oil and engine filter in order to avoid another service operation after a short time.
(3) The maximum mileage is 120,000 km. The belt must be replaced every 6 years, regardless of distance travelled. If the vehicle is used in heavy conditions (dusty areas, cold climates, urban driving, long periods of idling), the maximum mileage is 60,000 km. The belt must be replaced every 4 years regardless of the mileage.
(4) Check to be carried out every year for cars on the road in countries with particularly severe climates (cold countries).
(5) The engine oil and filter change interval depends on the driving conditions and is signalled by a warning light or message on the instrument panel. In any cases, never exceed 1 year.
(6) If the annual mileage of the car is less than 10,000 km, the engine oil and filter must be replaced every year.
(7) In order 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 spark plugs replacement intervals in the Scheduled Servicing Plan. It is advisable to contact a FIAT Dealership for plug replacement.
(8) The brake fluid replacement has to be done every two years, irrespective of the mileage.
(9) If the vehicle is used in dusty areas, this cleaner should be replaced every 15,000 km.
(○) Recommended operations.
(●) Mandatory operations.
NOTE change automatic transmission oil and replace oil filter every 240,000 km.

SCHEDULED SERVICING PLAN (1.6 E.Torq versions)

WARNING: Once you have carried out the last intervention in the table, continue with the scheduled servicing, maintaining the frequency indicated in the plan by marking each operation with a dot or dedicated note.
Warning: simply restarting the maintenance from the start of the plan may cause the allowed interval to be exceeded for some operations!

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 quick tyre repair kit recharge conditions/expiry date (if provided)	●	●	●	●	●	●	●	●	●	●
Check operation of lighting system (headlamps, direction indicators, hazard warning lights, luggage compartment, passenger compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (1)	●	●	●	●	●	●	●	●	●	●
Use the diagnosis socket to check the fuel/engine control system operation, emissions and engine oil deterioration (2)	●	●	●	●	●	●	●	●	●	●
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	●		●		●		●		●	
Check operation of windscreen washer system and adjust jets if necessary	●		●		●		●		●	
Check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage		●		●		●		●		●
Visually inspect conditions and wear of front and rear disc brake pads and integrity of pad wear indicator	●	●	●	●	●	●	●	●	●	●

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Visually inspect condition of the accessory drive belt(s)	●	●	●	●	●	●	●	●	●	●
Check tension of accessory drive belt (versions without automatic tensioner)	●	●	●	●	●	●	●	●	●	●
Change engine oil and replace oil filter	●	●	●	●	●	●	●	●	●	●
Spark plug replacement(3)		●		●		●		●		●
Replace accessory drive belt/s					●					
Replace air cleaner cartridge (4)		●		●		●		●		●
Change the brake fluid	(5)									
Replace passenger compartment cleaner (4) (○) (●)	○	●	○	●	○	●	○	●	○	●

(1) Only ever use the fluids shown in the handbook for topping up, and only after checking that the system is intact.
(2) If the engine oil quality detected by the vehicle diagnostics is lower than 20%, it is advisable to replace the engine oil and engine filter in order to avoid another service operation after a short time.
(3) In order 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 spark plugs replacement intervals in the Scheduled Servicing Plan. It is advisable to contact a FIAT Dealership for plug replacement.
(4) If the vehicle is used in dusty areas, this cleaner should be replaced every 15,000 km.
(5) The brake fluid replacement has to be done every two years, irrespective of the mileage.
(○) Recommended operations.
(●) Mandatory operations.

SCHEDULED SERVICING PLAN (Diesel versions)

IMPORTANT: Once you have carried out the last intervention in the table, continue with the scheduled servicing, maintaining the frequency indicated in the plan by marking each operation with a dot or dedicated note.
Warning: simply restarting the maintenance from the start of the plan may cause the allowed interval to be exceeded for some operations!

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 quick tyre repair kit recharge conditions/expiry date (if provided)	●	●	●	●	●	●	●	●	●	●
Check operation of lighting system (headlamps, direction indicators, hazard warning lights, luggage compartment, passenger compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●	●
Check and fluid level top up, if required, in the engine compartment (1) (2)	●	●	●	●	●	●	●	●	●	●
Use the diagnosis socket to check the fuel/engine control system operation, emissions and engine oil deterioration (3)	●	●	●	●	●	●	●	●	●	●
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	●		●		●		●		●	
Check operation of windscreen washer system and adjust jets if necessary	●		●		●		●		●	
Check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage		●		●		●		●		●
Visually inspect conditions and wear of front and rear disc brake pads and integrity of pad wear indicator	●	●	●	●	●	●	●	●	●	●

Thousands of miles	12	24	36	48	60	72	84	96	108	120
Thousands of kilometres	20	40	60	80	100	120	140	160	180	200
Years	1	2	3	4	5	6	7	8	9	10
Visually inspect the condition of the accessory drive belt(s) (4)				●						●
Check tension of accessory drive belt (versions without automatic tensioner)			●						●	
Visually inspect condition of toothed timing drive belt (excluding 1.3 Multijet 16V version) (4)			●						●	
Check drive transmission idler unit (PTU) oil level (except 2.0 Multijet 4x4 versions)			●				●			
Check oil level of electro-hydraulic actuator and top up, if necessary (1.6 Multijet versions with dual-clutch automatic transmission) (5)						●				
Check rear differential fluid level (2.0 Multijet 4x4 versions)			●				●			
Change engine oil and replace oil filter	(6)									
Replace accessory drive belt/s	(4)									
Replace toothed timing drive belt (excluding 1.3 Multijet 16V versions)	(4)									
Replace fuel filter cartridge (7)			●			●			●	
Replace air cleaner cartridge (8)		●		●		●		●		●
Change the brake fluid	(9)									

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 passenger compartment cleaner (8) (○) (●)	○	●	○	●	○	●	○	●	○	●

(1) Only ever use the fluids shown in the handbook for topping up, and only after checking that the system is intact.
(2) Consumption of emissions additive AdBlue® (UREA) depends on the condition of use of the vehicle and is indicated by a warning light and message on the instrument panel (for versions/markets, where provided).
(3) If the engine oil quality detected by the vehicle diagnostics is lower than 20%, it is advisable to replace the engine oil and engine filter in order to avoid another service operation after a short time.
(4) The maximum mileage is 120,000 km. The belt must be replaced every 6 years, regardless of distance travelled. If the vehicle is used in heavy conditions (dusty areas, cold climates, urban driving, long periods of idling), the maximum mileage is 60,000 km. The belt must be replaced every 4 years regardless of the mileage.
(5) Check to be carried out every year for cars on the road in countries with particularly severe climates (cold countries).
(6) The engine oil and filter change interval depends on the driving conditions and is signalled by a warning light or message on the instrument panel. In any case, it must never exceed 2 years. Where the car is used mostly in urban settings you need to replace the engine oil filter every year.
(7) If the car runs on fuel with quality below the relevant European specification, this filter must be replaced every 20,000 km.
(8) If the vehicle is used in dusty areas, this cleaner must be replaced every 20,000 km.
(9) The brake fluid replacement has to be done every two years, irrespective of the mileage.
(○) Recommended operations.
(●) Mandatory operations.
NOTE change automatic transmission oil and replace oil filter every 240,000 km.

REGULAR 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 windscreen washer/wiper system and positioning/wear of screen wiper/rear window wiper blades;
❒ check and top up AdBlue® (UREA) diesel emissions additive level (where provided).

Every **3,000** km, check and top up if required: engine oil level.

DEMANDING USE OF THE CAR

If the car is used mainly under one of the following conditions:

❒ law enforcement (or security service), taxi service;
❒ towing a trailer or caravan;
❒ dusty roads;
❒ short, repeated journeys (less than 7-8 Km) at sub-zero outdoor temperatures;
❒ engine often idling or driving long distances at low speeds or long periods of inactivity;

the following checks must be carried out more often than indicated in the Scheduled Servicing Plan:

❒ check front disc brake pad condition and wear;
❒ check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage;
❒ visually inspect conditions of: engine, gearbox, transmission, pipes and hoses (exhaust/ fuel system/brakes) and rubber elements (gaiters/sleeves/bushes, etc.);
❒ check battery charge and battery fluid level (electrolyte);
❒ visually inspect conditions of the accessory drive belts;
❒ check and, if necessary, change engine oil and replace oil filter;
❒ check and, if necessary, replace pollen filter;
❒ check and, if necessary, replace air cleaner;
❒ restore AdBlue® (UREA) Diesel emissions additive level (where provided), when the warning light comes on or the message on the instrument panel appears.

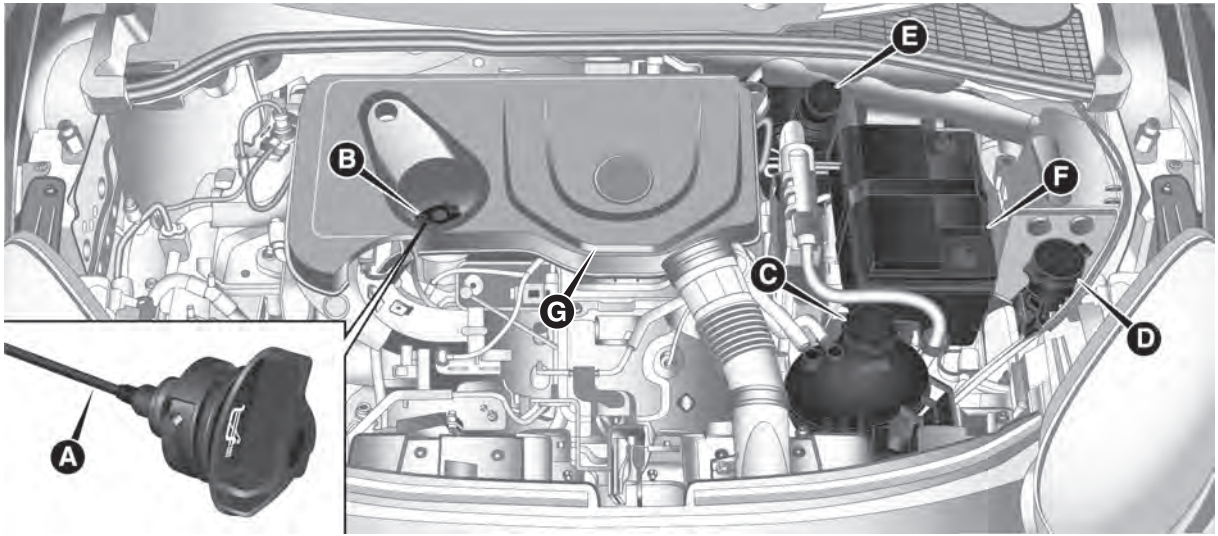
ENGINE COMPARTMENT

CHECKING LEVELS

169) 170)

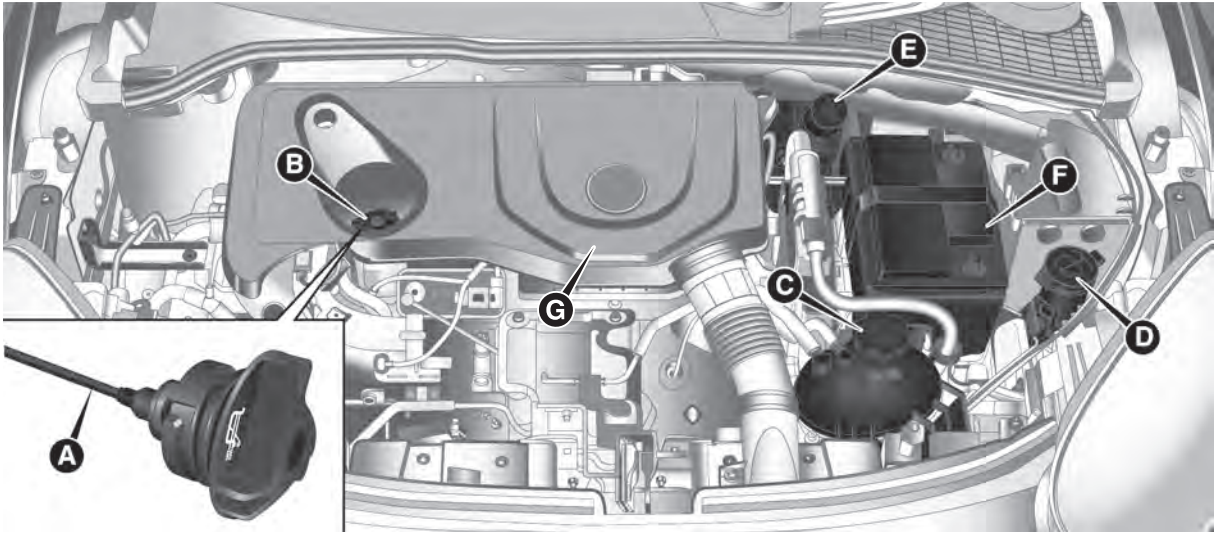
80)

1.0 versions



169 F1B0765

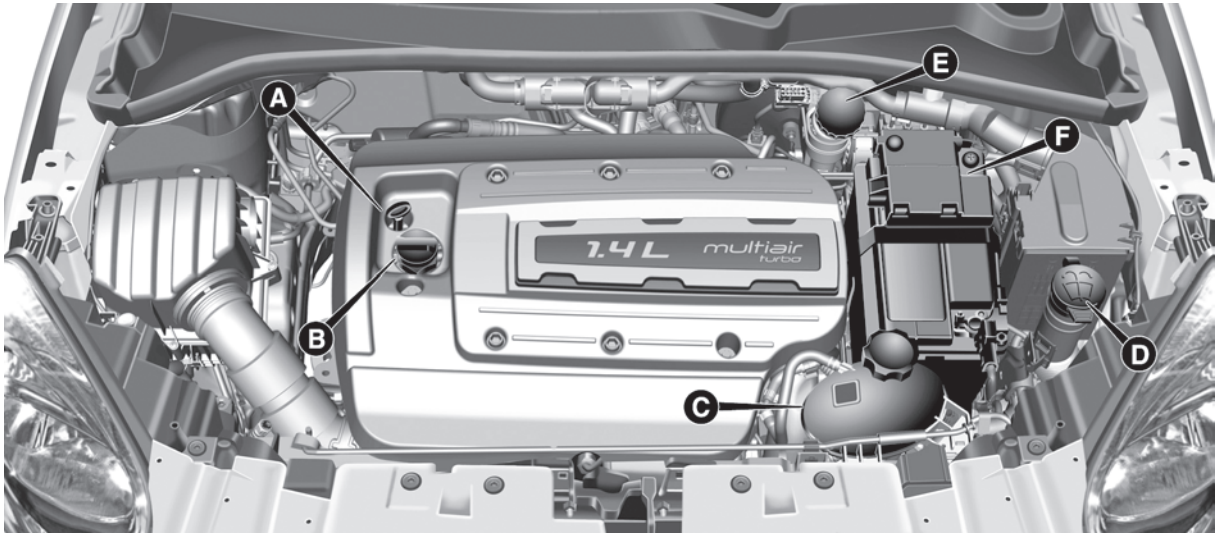
A. Engine oil dipstick B. Engine oil cap/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery G. Engine compartment cover (for versions/markets where provided)



170 F1B0766

A. Engine oil dipstick B. Engine oil cap/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery G. Engine compartment cover (for versions/markets where provided)

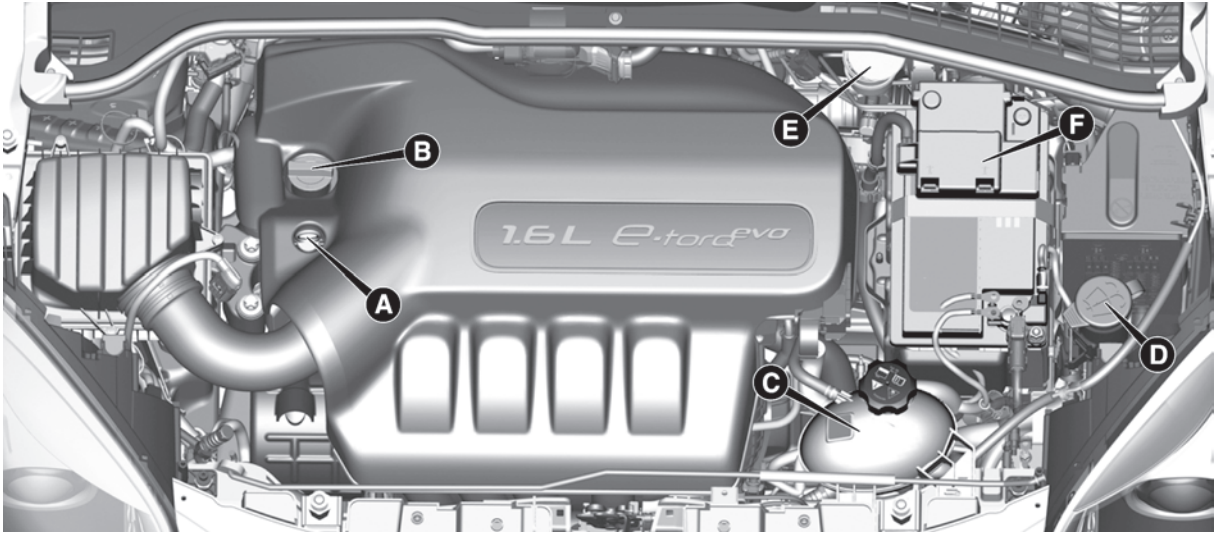
1.4 Turbo Multi Air versions (for versions/markets, where provided)



171 F1B0171C

A. Engine oil dipstick B. Engine oil cap/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery

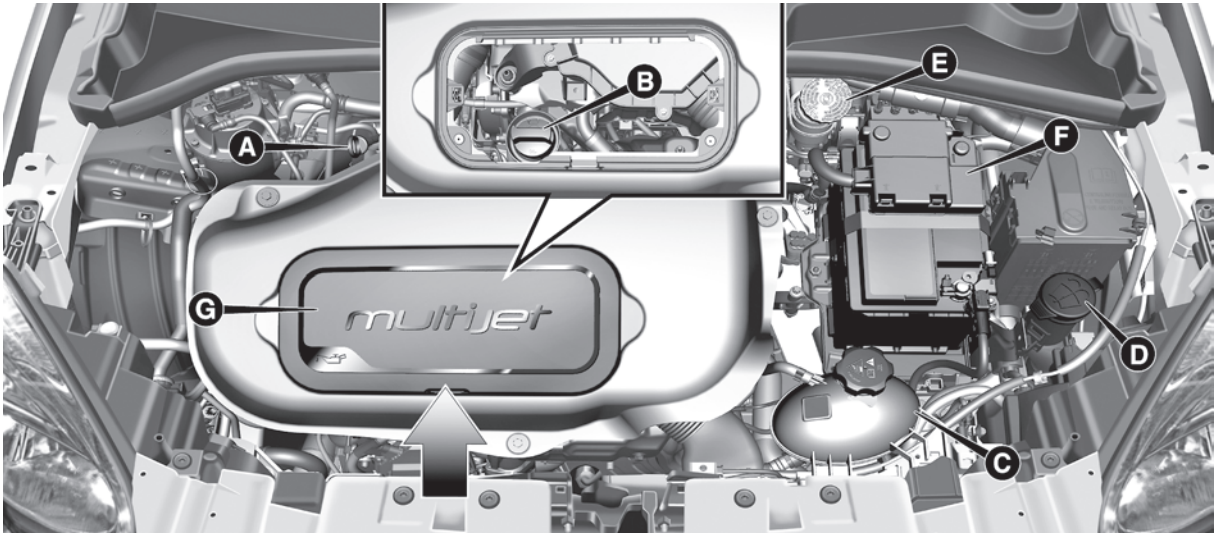
1.6 E.Torq versions (for versions/markets, where provided)



172 F1B0234C

A. Engine oil dipstick B. Engine oil cap/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery

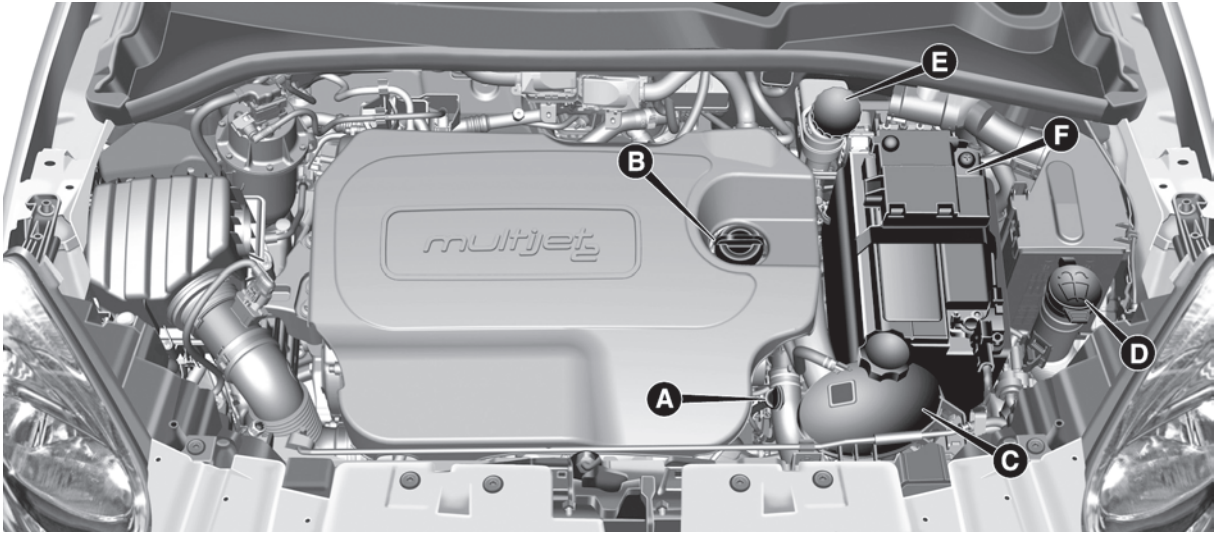
1.3 16V MultiJet version



173 F1B0239C

A. Engine oil dipstick B. Engine oil cap/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery
NOTE To access the engine oil cap/filler B, remove the cover G by operating on the point indicated by the arrow.

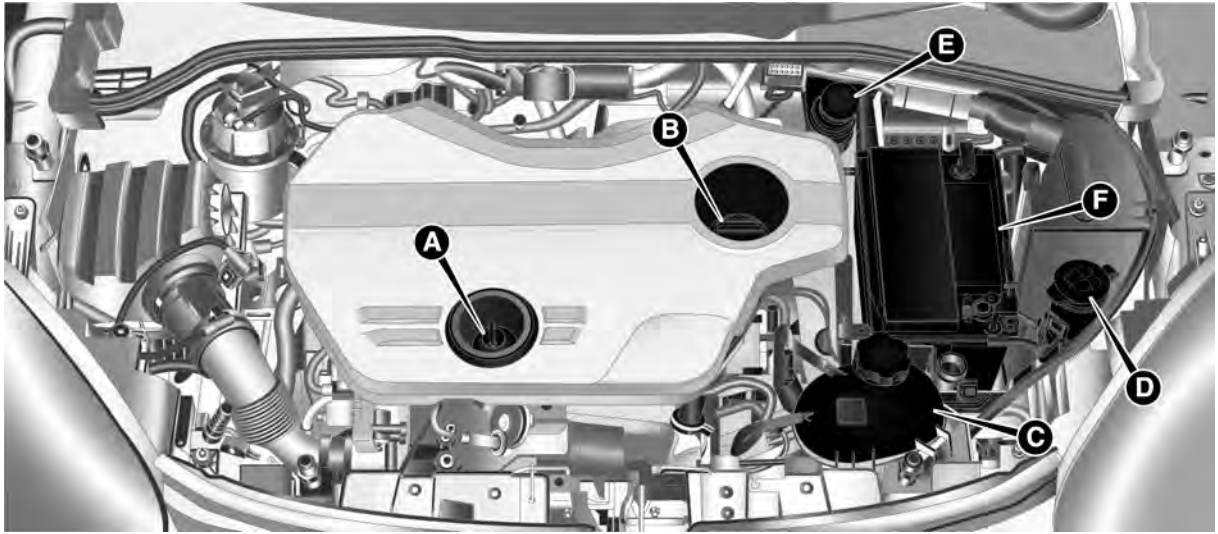
1.6 16V Multijet without AdBlue ® (UREA) version



174 F1B0172C

A. Engine oil dipstick B. Engine oil cap/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery

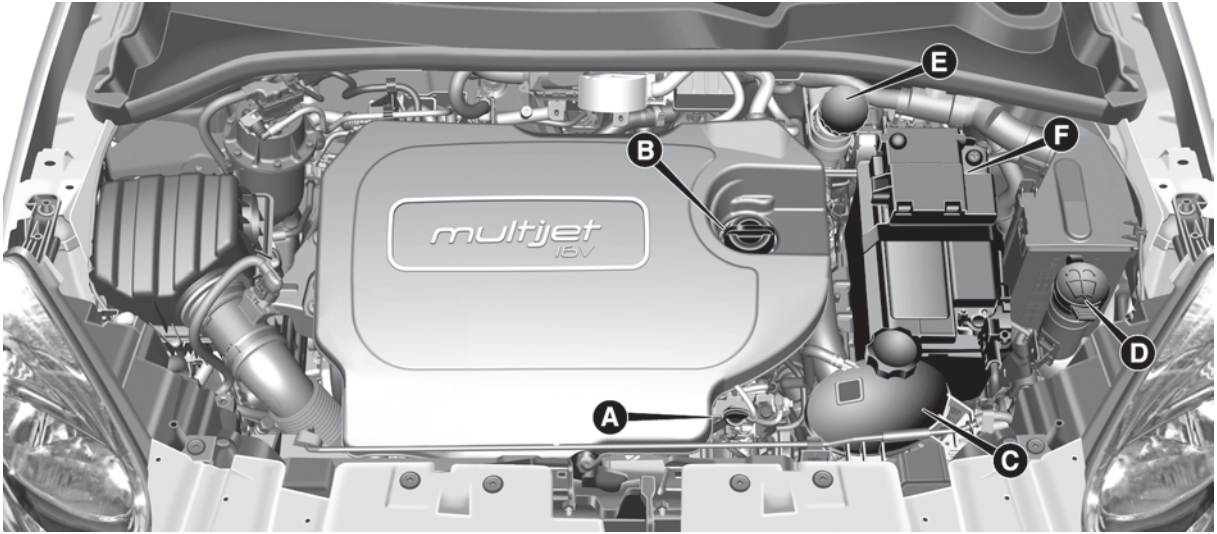
1.6 16V Multijet with AdBlue ® (UREA) version



175 F1B0637

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 version



176 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

eLUM

171)

81)

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).

NOTE For 1.0 and 1.3 versions, the dipstick (A) is integral with the cap (B).

If the level of the oil is close to or below the MIN mark, add oil via the filler fitting (B) until the MAX mark is reached.

Take out the engine oil dipstick (A), clean it with a lint-free cloth and reinsert it. Extract it again and check that the engine oil level is between the MIN and MAX marks on the dipstick.

On completion of the operation, screw the cap/dipstick on properly.

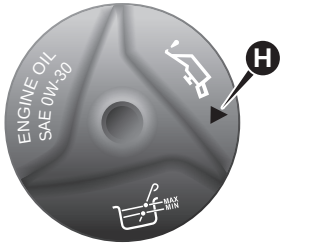
Inserting the engine oil cap/dispstick (1.3 versions)

(for versions/markets where provided)

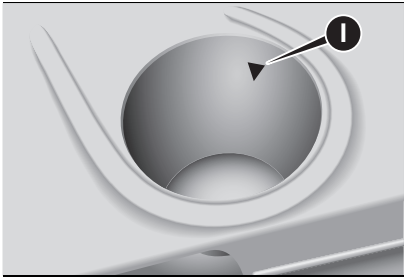
To insert the engine oil cap/dipstick correctly, proceed as follows:

❒ insert the cap/dipstick in position, aligning the mark (H) fig. 177 on the cap/dipstick with the mark H fig. 178 on the engine cover (for versions/markets where provided);

❒ tighten the cap/disptick properly.



177 F1B0749



178 F1B0750

Engine oil consumption

82)

3)

The maximum engine oil consumption is usually 400 grams every 1000 km. When the car is new, the engine needs to be run in; therefore the engine oil consumption can only be considered stabilised after the first 5000 - 6000 km.

IMPORTANT NOTE After adding or changing the oil, let the engine run for a few seconds and wait a few minutes after stopping it before you check the level.

ENGINE COOLANT

172)

83)

If the level is too low, unscrew the cap (C) of the reservoir and add the fluid described in the "Technical Specifications" chapter.

WINDSCREEN/REAR WINDOW WASHER FLUID

173) 174)

If the level is too low, lift the cap (D) of the reservoir and add the fluid described in the "Technical Specifications" chapter.

IMPORTANT NOTE If the level is too low the headlight washer (if provided) will not work, although the windscreen washer/rear window washer continues to operate.

BRAKE FLUID

175) 176)

84)

Check that the fluid is at the max. level.

If the fluid level in the reservoir is too low, undo reservoir cap (E) and add the fluid described in the "Technical Specifications" chapter.

IMPORTANT NOTE Carefully clean the plug of the reservoir and the surrounding surface. Take great care to ensure that impurities do not enter the reservoir when the cap is opened.

Always use a funnel with a built-in filter with a mesh of 0.12 mm or less.

IMPORTANT NOTE 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

4)

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

BATTERY

eLUM

177) 178) 179)

85)

5)

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 car, ensure that the doors, tailgate and bonnet are closed properly, to prevent any lights from remaining on inside the passenger's compartment;
- switch off all roof lights inside the car: the car is however equipped with a system which switches all internal lights off automatically;
- do not keep accessories (e.g. 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.

86)

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 NOTE 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 as high as -10°C). Refer to the "Car inactivity" paragraph in "Starting and driving" chapter if the car is left parked for a long time.

WARNING

169) *Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.*
170) *Be very careful when working in the engine compartment when the engine is hot: you may get burned.*
171) *If the engine oil is being topped up, wait for the engine to cool down before loosening the filler cap, particularly for vehicles with aluminium cap (where provided). WARNING: risk of burns!*
172) *The cooling system is pressurised. If necessary, only replace the plug with another original or the operation of the system may be adversely affected. Do not remove the reservoir plug when the engine is hot: you risk scalding yourself.*
173) *Do not travel with the windscreen washer fluid reservoir empty: 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.*
174) *Some commercial additives for windscreen washer fluid are flammable. The engine compartment contains hot components which may start a fire.*
175) *Brake fluid is poisonous and highly corrosive. In the event of accidental contact, immediately wash the affected parts with water and mild soap. Then rinse thoroughly. Call a doctor immediately if swallowed.*
176) *The symbol ◎, on the brake fluid container indicates if a brake fluid is synthetic or mineral-based. Use of mineral type fluids will damage the special rubber seals of the braking system beyond repair.*
177) *Battery fluid is poisonous and corrosive. Avoid contact with the skin and eyes. Keep open flames away from the battery and do not use objects that might create sparks: risk of explosion and fire.*
178) *Using the battery with low fluid will irreparably damage the battery and may cause an explosion.*
179) *Always wear appropriate goggles to protect your eyes when working on or near the battery.*

IMPORTANT

80) *Be careful not to confuse the various types of fluids while topping up: they are not compatible with one another! Topping up with an unsuitable fluid could severely damage your vehicle.*
81) *The oil level must never exceed the MAX mark.*
82) *Always top up using engine oil of the same specifications as that already in the engine.*
83) *PARAFLU^{UP} protective anti-freeze is used in the engine cooling system. Use fluid of the same type as that contained in the cooling system for topping up. 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.*
84) *Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should it happen, immediately wash with water.*
85) *If the car 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.*
86) *Incorrect installation of electric and electronic devices may cause severe damage to your car. After purchasing your car, if you wish to install any accessories (e.g. anti-theft, radio phone, etc.), go to a Fiat Dealership, which will suggest the most suitable devices and advise you whether a higher capacity battery needs to be installed.*

3) *The used engine oil and the filter that has been replaced contain substances that are harmful to the environment. To change the oil and filters, we advise you to contact a Fiat Dealership.*

4) *Used transmission fluid contains substances that are harmful to the environment. It is advisable to contact a Fiat Dealership to have the fluid changed.*

5) *Batteries contain substances which are very harmful for the environment. For battery replacement, contact a Fiat Dealership.*

RECHARGING THE BATTERY

☞eLUM

IMPORTANT NOTES

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 car, 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;

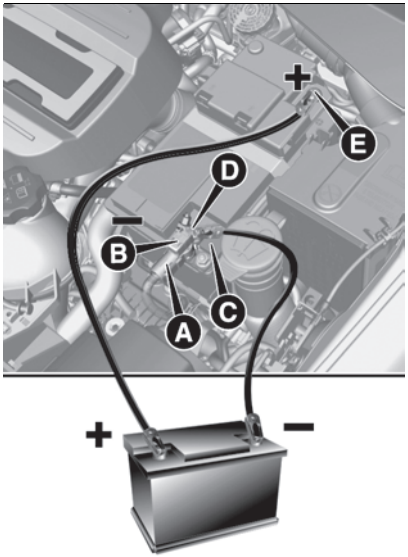
❒ turn on the battery charger;

❒ when it is recharged, turn the charger off before disconnecting it from the battery;

❒ reconnect the terminal to the negative battery pole.

VERSIONS WITH START&STOP SYSTEM

To recharge, proceed as follows:



179 F1B0744

❒ disconnect the connector (A) fig. 179 by 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 battery charger, reconnect connector (A) to the sensor (C) as shown.

SERVICING PROCEDURES

87) 88) 89)

The following pages contain the rules on the **required** maintenance envisaged by the technical personnel who designed the car.

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

eLUI

90)

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 FILTER

eLUI

180)

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, specifically designed for this car.

AIR CONDITIONING SYSTEM MAINTENANCE

91) 92)

To ensure the best possible performance, the air conditioning system must be checked and serviced at a Fiat Dealership at the beginning of the summer.

WINDOWS

On cars with heated windscreen and rear window, when the defrosting function is switched on take care over the glass temperature when cleaning and if children are able to reach 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 WIPER/ REAR WINDOW WIPER

eLUI

Raising the windscreen wipers

If you need to lift the windscreen wiper blades (e.g. in case of snow or when they need to be replaced), you need to activate the "Service Position" function (see paragraph "Windscreen/Rear window wiper" in the "Knowing your car" chapter).

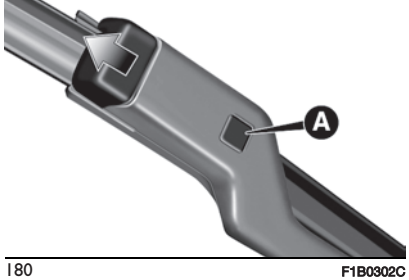
To lower the blades, set the ignition device to MAR-ON.

IMPORTANT Place the blades back in contact with the windscreen before activating the windscreen wiper again and/or setting the ignition device to MAR-ON.

Replacing the windscreen wiper blades

Proceed as follows:

❒ raise the wiper arm, press button (A) fig. 180 of the attachment spring and remove the blade from the arm;

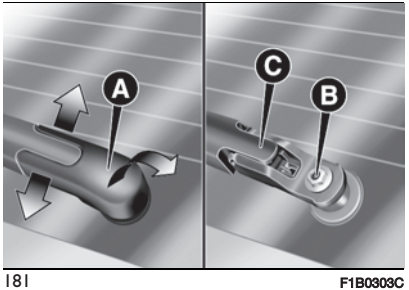


180 F1B0302C

❒ fit the new blade, inserting the tab in the dedicated housing in the arm and checking that it is locked;
❒ lower the wiper arm onto 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. 181 outwards;
❒ unscrew the nut B and remove the arm (C) from the central pin;
❒ correctly align the new arm;
❒ fully tighten nut (B) then replace cover (A).



181 F1B0303C

IMPORTANT Do not operate the rear window wiper with the blade lifted from the rear window.

NOZZLES

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). Then check that the nozzle holes are not clogged; use a needle to unblock them if necessary.
IMPORTANT In versions with sunroof, make sure that the roof is closed before operating the windscreen washer nozzles.

Rear window washer

The rear window washer jet has only one position. The jet nozzle is located at the side of the third brake light.

EXHAUST SYSTEM

eLUM
181) 182)
93)

Adequate maintenance of the engine exhaust system represents the best protection against leaks of carbon monoxide into the passenger compartment.

AUTOMATIC TRANSMISSION

eLUM
94)

Use only transmission oil with the same specifications as those indicated in the "Fluids and lubricants" table (see "Technical specifications" chapter).

WARNING

180) *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 maintenance. Before starting the engine, ensure that the system has not been removed: failure to observe this precaution may result in serious injury.*
181) *Exhaust emissions are very dangerous, and may be lethal. They contain carbon monoxide, a colourless, odourless gas which can cause fainting and poisoning if inhaled.*
182) *The exhaust system may reach high temperatures and may cause a fire if the car 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 car in a place in which the exhaust system might come into contact with flammable material.*

IMPORTANT

87) *It is recommended to have the car 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 do not have the necessary experience.

88) *Incorrect servicing of the car 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 car performance. Have any malfunction inspected immediately by a Fiat Dealership.*

89) *The car is filled with fluids which are optimised or protecting its performance and life and extending service intervals. Do not use chemicals for washing these components since they may damage the engine, the transmission or the climate control system. This damage is not covered by the car's warranty. If any component needs to be washed due to malfunctioning, use only the specific liquid for that procedure.*

90) *An excessive or insufficient amount of oil inside the base is extremely damaging to the engine. Make sure it is always at an adequate level.*

91) *Always require the use of only compressor coolants and lubricants approved and suitable for the specific air conditioning system fitted on the car. 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.*

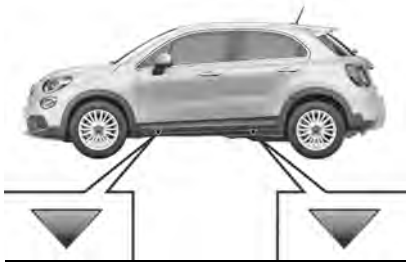
92) *The air conditioner system contains coolant under high pressure: to avoid injuries to people or damage to the system, any coolant addition or repair that requires to disconnect the cables must be carried out by a Fiat Dealership.*

93) *Vehicles equipped with catalytic converter must be fuelled only 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 converter and, as a consequence, possible damage to the converter and the vehicle.*

94) *Using transmission fluid different from that approved may compromise the quality of gear changes and/or cause vibration of the transmission.*

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. 182).



182 F1B0699

WHEELS AND TYRES

eLUM

183) 184) 185) 186) 187) 188)

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

95)

Front Wheel Drive and All-wheel drive versions

215/60 R16 and 215/55 R17 tyres can be fitted with 7 mm snow chains.

Chains cannot be fitted on 225/45 R18, 225/45 R18, 205/50 R19 and 225/40 R19 XL Runflat tyres.

Important notes

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 car.

IMPORTANT Using different size or type (M+S, snow, etc.) tyres between front and rear axle may adversely affect car driveability, with the risk of losing control of the car and resulting accidents.

SUGGESTIONS ABOUT THE ROTATION OF THE TYRES

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 car. 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

183) *The road holding qualities of the car also depend on the correct inflation pressure of the tyres.*

184) *If tyre pressure is too low, it may overheat and be severely damaged as a result.*

185) *If the tyres are "unidirectional", do not switch tyres from the right-hand side of the car to the left-hand 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.*

186) *Do not repaint alloy wheel rims at temperatures higher than 150°C. The mechanical features of the wheels could be compromised.*

187) *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.*

188) *Travelling with partially or completely deflated tyres can cause safety problems and irremediably damage the tyre.*

IMPORTANT

95) *Keep your speed down when snow chains are fitted; do not exceed 50 km/h. Avoid potholes, do not drive over steps*

or pavements and do not drive long distances over roads without snow, to avoid damaging both your car and the road surface.

BODYWORK

PRESERVING THE BODYWORK

Paintwork

96)

6)

Touch up abrasions and scratches immediately to prevent the formation of rust.

Maintenance of paintwork consists of washing the car: the frequency depends on the conditions and environment where the car is used. For example, it is advisable to wash the car more often in areas with high levels of atmospheric pollution or salted roads.

Some parts of the car 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 97)

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 car 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 car after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork.

Exterior plastic parts must be cleaned in the same way as the rest of the vehicle.

IMPORTANT NOTES

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 inside surface of the rear window gently with a cloth in the direction of the filaments to avoid damaging the heater coils.

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 front headlight plastic lens.

IMPORTANT When cleaning the car 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.

ENGINE COMPARTMENT WASHING

98)

If the engine compartment is washed (at low pressure, e.g. in very dusty areas), this must be done with the engine cold and with ignition device turned to STOP. Take care not to direct the water jet straight at the electronic control modules or the wiper motors. Have this operation performed by a specialised workshop. After washing, check that the various protective components (e.g. rubber guards and caps) have not been removed or damaged.

IMPORTANT

96) *In order to preserve the appearance of the paint abrasive products and/or polishes should not be used for cleaning the car.*
97) *Avoid washing with rollers and/or brushes in washing stations. Wash the car 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 car. Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive. Avoid (if at all possible) parking the car 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 windscreen washer fluid for cleaning the front windscreen and rear window; dilute it min. 50% with water. Only use pure screen washer fluid when strictly necessary due to outside temperature conditions.*
98) *A high pressure jet cleaner should not be used for cleaning the engine compartment. The appropriate precautions have been taken to protect all parts and connections, but the pressures generated by these devices are so high that complete protection against water seepages cannot be guaranteed.*

IMPORTANT

6) *Detergents pollute the water. The vehicle should be washed in areas equipped for collecting and purifying the liquid used in the washing process.*

INTERIOR

189) 190) 191)

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 neutral detergent.

LEATHER SEATS

(where provided)

Remove the dry dirt with a chamois or slightly damp cloth, without exerting 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

99)

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.

CLEANING THE STEERING-WHEEL

❒ Treat the surface using a microfibre cloth moistened with neutral soap and water, taking care to cover the whole area, applying a uniform light pressure (do not rub hard).

❒ Rinse and wring out the microfibre cloth, and pass over the area treated in the previous point again.

❒ For versions finished in Alcantara, treat the steering-wheel following the sequence described above, taking care to leave the component to dry and to brush it gently with a soft-bristle brush.

100)

WARNING

189) *ever use flammable products, such as petrol ether or rectified petrol to clean the inside of the car. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.*

190) *Do not keep aerosol cans in the car: 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.*

191) *It is essential that there is nothing under the pedals: make sure the mats are lying flat and do not get in the way of the pedals.*

IMPORTANT

99) *Never use alcohol, petrols and derivatives to clean the dashboard and instrument panel lens.*

100) *Do not use "hard" synthetic brushes as they could damage the fabric beyond repair. Clean the steering-wheel completely to prevent differences in appearance between treated and untreated zones. Do not use alcohol or ketone-based solvents.*

TECHNICAL SPECIFICATIONS

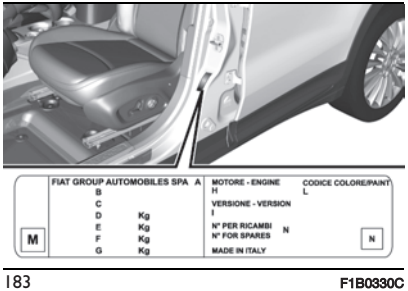
☞eLUM

Everything you may find useful for understanding how your vehicle is made and works is contained in this chapter and illustrated with data, tables and graphics. For the enthusiasts and the technician, but also just for those who want to know every detail of their car.

IDENTIFICATION DATA

VEHICLE IDENTIFICATION NUMBER (VIN) PLATE

It is located on the driver side door pillar. It can be read with the door open and bears the following data fig. 183:



183 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** Additional indications.

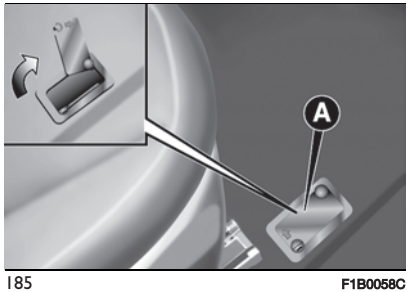
CHASSIS MARKING

The Vehicle Identification Number (VIN) is stamped on the plate shown in fig. 184, located on the front left corner of the dashboard cover, which can be seen from outside the vehicle, through the windscreen.

184 F1B0670

This number is also stamped on the passenger compartment floor, in front of the front right seat.

To access it, slide flap (A) fig. 185 in the direction shown by the arrow.



185 F1B0058C

The marking includes:

- type of vehicle;
- chassis serial number.

ENGINE MARKING

It is stamped on the cylinder block and includes the type and the engine serial number.

ENGINE

Versions	1.0	1.3
Engine code	55282151	55282328
Cycle	Otto	Otto
Number and position of cylinders	3 in line	4 in line
Piston bore and stroke (mm)	70 × 86.5	70 × 86.5
Total displacement (cm^3)	999	1332
Compression ratio	10.5 ± 0.2	10.5 ± 0.2
Maximum power (EC) (kW)	88	110
Maximum power (EEC) (HP)	120	150
Corresponding engine speed (rpm)	5750	5500
Maximum torque (EEC) (Nm)	190	270
Corresponding engine speed (rpm)	1750	1850
Spark plugs	NGK ILKFR7A8	NGK ILKFR7A8
Fuel	Unleaded petrol 95 R.O.N. (EN228 specifications)	Unleaded petrol 95 R.O.N. (EN228 specifications)

Versions	1.4 Turbo MultiAir 136/140 HP (***)	1.4 Turbo MultiAir 163/170 HP (***)	1.6 E.Torq (***)
Engine code	55263624	55263623	55263842
Cycle	Otto	Otto	Otto
Number and position of cylinders	4 in line	4 in line	4 in line
Piston bore and stroke (mm)	72 × 84	72 × 84	77 × 85.8
Total displacement (cm^3)	1368	1368	1598
Compression ratio	10.0 ± 0.2	10.0 ± 0.2	11 ± 0.15
Maximum power (EC) (kW)	100 (*) / 103	120 (**) / 125	81
Maximum power (EEC) (HP)	136 (*) / 140	163 (**) / 170	110
Corresponding engine speed (rpm)	5000	5500	5500
Maximum torque (EEC) (Nm)	230	250	152
Corresponding engine speed (rpm)	1750	2500	4500
Spark plugs	NGK IKR9J8	NGK IKR9J8	NGK ZKR7BI-10
Fuel	Unleaded petrol 95 R.O.N. (EN228 specifications)	Unleaded petrol 95 R.O.N. (EN228 specifications)	Unleaded petrol 95 R.O.N. (EN228 specifications)

(*) 1.4 Turbo Multi Air 136 HP version
(**) 1.4 Turbo Multi Air 163 HP version
(***) versions/markets, where provided

Versions	1.3 Multijet	1.6 Multijet	2.0 Multijet (***)
Engine code	55283775	55280444	55283099
Cycle	Diesel	Diesel	Diesel
Number and position of cylinders	4 in line	4 in line	4 in line
Piston bore and stroke (mm)	69.6 X 82	79.5 × 80.5	83 × 90.4
Total displacement (cm^3)	1248	1598	1956
Compression ratio	16.8 ± 0.2	16.5 ± 0.4	16.5 ± 0.4
Maximum power (EC) (kW)	70	88 / 84.4 (***)	110 / 100 (***)
Maximum power (EEC) (HP)	95	120 / 115 (***)	150 (***) / 136 (***)
Corresponding engine speed (rpm)	3750	3750	4000
Maximum torque (EEC) (Nm)	200	320	350
Corresponding engine speed (rpm)	1750	1750	1500
Fuel	Automotive Diesel (EN590 specifications)	Automotive Diesel (EN590 specifications)	Automotive Diesel (EN590 specifications)

(***) For versions/markets, where provided

WARNING

192) *Modifications or repairs to the fuel supply system that are not carried out properly or do not take the system's technical specifications into account can cause malfunctions leading to the risk of fire.*

eLUM

RIMS AND TYRES PROVIDED

193) 194)

Alloy or pressed steel rims. Tubeless radial carcass tyres. All approved tyres are listed in the Registration Document.
IMPORTANT If there are any discrepancies between the Owner Handbook and the Registration Document, take the information from the latter. For safe driving, the car must be fitted with tyres of the same make and type on all wheels.
IMPORTANT Do not use inner tubes with tubeless tyres.

Wheels	Tyres provided	Aftermarket winter tyres
6.5J x 16 H2 ET40	215 / 60 R16 95H	215 / 60 R16 95Q (M+S)
6.5J X 19" ET35 5x110 (°)	205 / 50 R19 94H (**)	205 / 50 R19 94Q (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 91Y (**)	225 / 45 R18 91Q (M+S)
7.5J X 19" ET40 (°°)	225 / 40 R19 93Y XL Runflat (**)	225 / 40 R19 93Q (M+S)

(*) Mandatory tyre for some specific versions/markets.
(**) Tyres not suitable for fitting snow chains
(°) For 1.0 / 1.3 / 1.3 Multijet / 1.6 Multijet versions
(°°) 1.0 / 1.3 / 1.4 Turbo Multi Air / 1.3 Multijet / 1.6 Multijet

On versions with 215/60 R16 and 215/55 R17 tyres, use smaller snow chains with a maximum projection of 7 mm beyond the tyre profile.

Space-saver spare wheel (where provided)

Rim: 4.0 x 16 / Tyre: T145/90 R16 106M

COLD TYRE INFLATION PRESSURE

When the tires are warm, the inflation pressure should be + 0.3 bar in relation to the recommended figure. 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 spare wheel
	Front	Rear	Front	Rear	
215 / 60 R16 (*)	2.4	2.4	2.6	2.6	4.2
215 / 55 R17 (*)	2.4	2.4	2.6	2.6	
225 / 45 R18 (*)	2.4	2.4	2.6	2.6	
205 / 50 R19	2.8	2.8	2.8	2.8	
225 / 40 R19 XL Runflat	2.4	2.4	2.6	2.6	

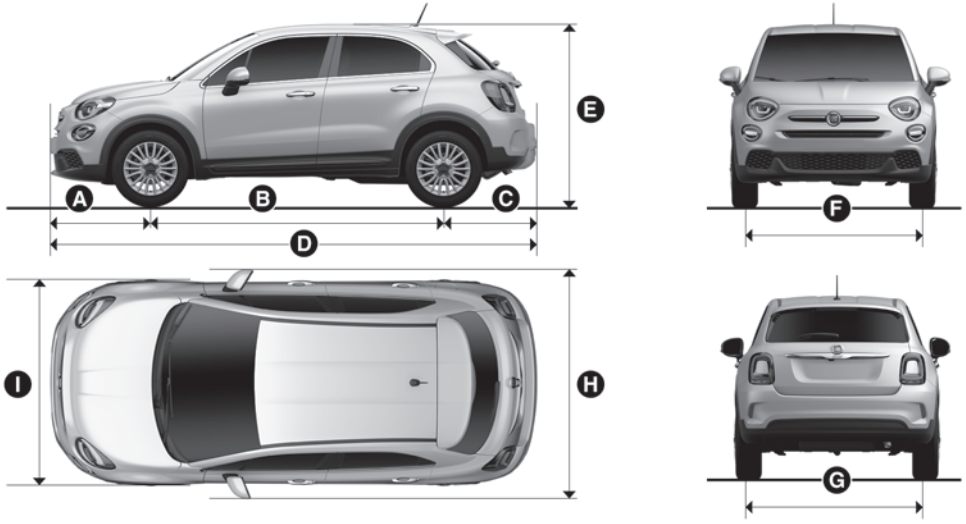
(*) The indicated pressure is aimed at comfort. To privilege fuel efficiency, the inflation pressure can be increased to a maximum of 3.0 bar on the front tyres and up to 3.0 bar on the rear tyres.

WARNING

193) *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.*
194) *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. Use of unsuitable tyres and wheel caps may cause sudden decrease of tyre pressure.*

DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle equipped with its standard-supplied tyres. Height is measured with car unladen. Small variations with respect to the reported values are possible depending on the dimensions of the rims.



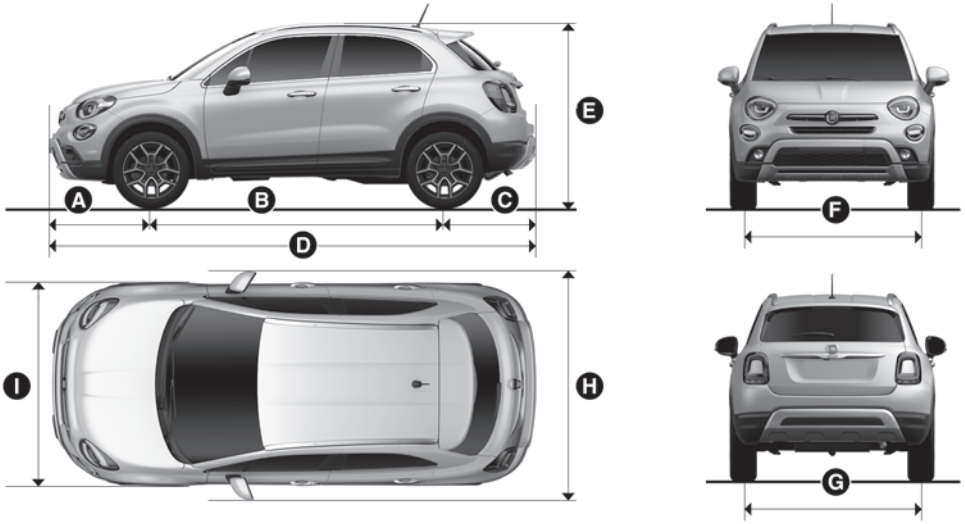
186

F1B0671

A	B	C	D	E	F	G	H	I
877	2570	817	4264	1595(°) / 1603 (°) (*) / 1607(°°) / 1615 (°°) (*)	1545	1545	2025	1796

(°) 4x2 version
(°°) 4x4 version
(*) With roof rack
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 car unladen. Small variations with respect to the reported values are possible depending on the dimensions of the rims.



187

F1B0672

A	B	C	D	E	F	G	H	I
898	2570	801	4269	1595(°) / 1603 (°) (*) / 1607(°°) / 1615 (°°) (*)	1545	1545	2025	1796

(*) With roof rack
(°) 4x2 version
(°°) 4x4 version
Boot volume: 350 litres. With rear seats folded: 1000 litres.

WEIGHTS

Weights (kg)	1.0	1.3
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1320	1320
Payload including the driver (***)	520	560
Maximum permitted loads (****)		
- front axle:	1050	1050
– rear axle:	900	900
- total:	1840	1880
Maximum combined vehicle load (vehicle + trailer) (°°°°)	2840	3080
Towable loads		
- braked trailer:	1300	1500
– non-braked trailer:	600	600
Maximum load on tow hitch (trailer with brakes)	60	60
Maximum load on roof (*****)	50	50

(***) If special equipment is fitted (sun roof, trailer towing equipment, etc.) the unladen weight will increase and consequently the payload will decrease 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
(°°°°) Never exceed the maximum combined vehicle load value: the maximum towable load is only allowed if it does not exceed the maximum combined vehicle load.

Weights (kg)	1.4 Turbo Multi Air (**) (°)	1.4 Turbo Multi Air (**) (°°)	1.4 Turbo Multi Air (**) (°°°)
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1320	1320	1430
Payload including the driver (*)	555 / 540 (**)	555 / 540 (**)	670
Maximum permitted loads (****)			
- front axle:	1050	1050	1150
– rear axle:	900	900	1000
- total:	1875	1875	2100
Maximum combined vehicle load (vehicle + trailer) (°°°°)	–	–	–
Towable loads			
– braked trailer	1500	1500	1200
– trailer without brakes	600	600	600
Maximum load on tow hitch (trailer with brakes)	60	60	60

Weights (kg)	1.4 Turbo Multi Air (**) (°)	1.4 Turbo Multi Air (**) (°°)	1.4 Turbo Multi Air (**) (°°°)
Maximum load on roof (****)	50	50	50

(°) Versions with manual transmission
(°°) Manual transmission versions with dual clutch
(°°°) Versions with AT9 automatic transmission
(*) If special equipment is fitted (sun roof, trailer towing equipment, etc.) the unladen weight will increase and consequently the payload will decrease in relation to the maximum permitted loads.
(**) Version for specific markets
(***) Loads not to be exceeded. The user should carry goods in the luggage compartment and/on load carrying platform within the maximum permitted loads.
(****) With roof rack
(°°°°) Never exceed the maximum combined vehicle load value: the maximum towable load is only allowed if it does not exceed the maximum combined vehicle load.

Weights (kg)	1.6 E.Torq (*)	1.3 Multijet	
		Versions without AdBlue® (UREA)	Versions with AdBlue® (UREA)
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1320 / 1275 (****)	1320	1320
Payload including the driver (**)	520 / 600 (*) / 555 (*)	555	560
Maximum permitted loads (***)			
- front axle:	1050	1050	1050
– rear axle:	900	900	900
- total:	1840 / 1875 (****)	1875	1880
Maximum combined vehicle load (vehicle + trailer) (°°°°)	2640	–	2880
Towable loads			
– braked trailer	800	1000	1300
– trailer without brakes	600	600	600
Maximum load on tow hitch (trailer with brakes)	60	60	60

Weights (kg)	1.6 E.Torq (*)	1.3 Multijet	
		Versions without AdBlue® (UREA)	Versions with AdBlue® (UREA)
Maximum load on roof (****)	50	50	50

(*) For versions/markets, where provided
(**) If special equipment is fitted (sun roof, trailer towing equipment, etc.) the unladen weight will increase and consequently the payload will decrease 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
(°°°°) Never exceed the maximum combined vehicle load value: the maximum towable load is only allowed if it does not exceed the maximum combined vehicle load.

Weights (kg)	1.6 Multijet		2.0 Multijet (*****)	
	Versions without AdBlue® (UREA)	Versions with AdBlue® (UREA)	Versions without AdBlue® (UREA)	Versions with AdBlue® (UREA)
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1320	1410 / 1430 (°°)	1495	1540
Payload including the driver (*)	555 / 580 (°°)	510	605	510
Maximum permitted loads (***)				
- front axle:	1050	1050	1150	1150
– rear axle:	900	900 / 950 (°°)	1000	1000
- total:	1875 / 1900 (°°)	1920 / 1940 (°°)	2100	2050
Maximum combined vehicle load (vehicle + trailer) (°°°°)	–	3120/2840 (°°)	–	3250
Towable loads				
– braked trailer	1200 / 900 (°°)	1200(°) / 900 (°°)	1200	1500
– trailer without brakes	600	600	600	600
Maximum load on tow hitch (trailer with brakes)	60	60	60	60

Weights (kg)	1.6 Multijet		2.0 Multijet (*****)	
	Versions without AdBlue® (UREA)	Versions with AdBlue® (UREA)	Versions without AdBlue® (UREA)	Versions with AdBlue® (UREA)
Maximum load on roof (****)	50	50	50	50

(°) Versions with manual transmission
(°°) Automatic transmission versions with dual clutch
(°°°°) Never exceed the maximum combined vehicle load value: the maximum towable load is only allowed if it does not exceed the maximum combined vehicle load.
(*) If special equipment is fitted (sun roof, trailer towing equipment, etc.) the unladen weight will increase and consequently the payload will decrease in relation to the maximum permitted loads.
(***) Loads not to be exceeded. The user should carry goods in the luggage compartment and/on load carrying platform within the maximum permitted loads.
(****) With roof rack
(*****) For versions/markets, where provided

REFUELLING

	1.0	1.3	Prescribed fuels and original lubricants
Fuel tank (litres):	48	48	Unleaded petrol with RON no lower than 95 (EN228 specifications)
Including a reserve of (litres):	5 – 7	5 – 7	
Engine cooling system:	6.94	8.3	50% mixture of distilled water and PARAFLU^{UP} (*)
Engine sump (litres):	3.2	4.5	SELENIA DIGITEK P.E.
Engine sump and filter (litres):	3.3	4.7	SELENIA DIGITEK P.E.
Gearbox casing/differential (litres)	1.5	1.8	TUTELA TRANSMISSION GEARFORCE
Hydraulic brake circuit (kg)	0.83	0.83	TUTELA TOP 4/S
Windscreen and rear window washer fluid reservoir (litres):	2.5	2.5	Mixture of water and PETRONAS DURANCE SC35

(*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% demineralised water.

	1.4 Turbo Multi Air (**) (°)	1.4 Turbo Multi Air (**) (°°)	1.4 Turbo Multi Air (**) (°°°)	Prescribed fuels and original lubricants
Fuel tank (litres):	48	48	48	Unleaded petrol with RON no lower than 95 (EN228 specifications)
Including a reserve of (litres):	5 – 7	5 – 7	5 – 7	
Engine cooling system:	5.2	5.2	5.2	50% mixture of distilled water and PARAFLU^{UP} (*)
Engine sump (litres):	3.2	3.2	3.2	SELENIA DIGITEK P.E.
Engine sump and filter (litres):	3.6	3.6	3.6	SELENIA DIGITEK P.E.
Gearbox casing/differential (litres)	1.8	2.1	6.0	TUTELA TRANSMISSION GEARFORCE (versions with manual transmission/dual clutch automatic transmission) / TUTELA TRANSMISSION AS8 (versions with AT9 automatic transmission)
Idler unit (PTU) (litres)	–	–	0.4	TUTELA TRANSMISSION B-5X
Rear differential (litres)	–	–	0.6	TUTELA TRANSMISSION COMPAQ DRIVE
Hydraulic brake circuit (kg)	0.83	0.83	0.83	TUTELA TOP 4/S
Windscreen and rear window washer fluid reservoir (litres)	2.5	2.5	2.5	Mixture of water and PETRONAS DURANCE SC35

(°) Versions with manual transmission
(°°) Automatic transmission versions with dual clutch
(°°°) Versions with AT9 automatic transmission
(*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% demineralised water.
(**) Version for specific markets

	1.6 E.Torq (**)	1.3 Multijet	Prescribed fuels and original lubricants
Fuel tank (litres)	48	55	Unleaded petrol with RON no lower than 95 (EN 228 specifications) (1.6 E.Torq versions) / Diesel for motor vehicles (EN 590 Specification) (1.3 Multijet versions)
Including a reserve of (litres):	5 – 7	5 – 7	
Engine cooling system:	5.6	6.1	50% mixture of distilled water and PARAFLU^{UP} (*)
Engine sump (litres)	4.4	3.7	SELENIA DIGITEK P.E. (1.6 E.Torq versions) / SELENIA WR FORWARD 0W-30 (1.3 Multijet versions without AdBlue®) / SELENIA ECO2 (1.3 Multijet versions with AdBlue®)
Engine sump and filter (litres)	4.7	3.9	
Gearbox casing/differential (litres)	2.0	2.0	TUTELA TRANSMISSION GEARFORCE
Hydraulic brake circuit (kg)	0.83	0.83	TUTELA TOP 4/S
Windscreen and rear window washer fluid reservoir (litres)	2.5	2.5	Mixture of water and PETRONAS DURANCE SC35
AdBlue® tank (where provided) capacity approximately (litres)	–	13	AdBlue® DIN 70 070 and ISO 22241-1 **101) 102)**

(*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% demineralised water.
(**) For versions/markets, where provided

	1.6 Multijet	2.0 Multijet (**)	Prescribed fuels and original lubricants
Fuel tank (litres)	55	55	Diesel for motor vehicles (EN590 Specification)
Including a reserve of (litres)	5 – 7	5 – 7	
Engine cooling system (litres)	6.1	6.5	50% mixture of distilled water and PARAFLU^{UP} (*)
Engine sump and filter (litres)	4.8	4.8	SELENIA WR FORWARD 0W-30 (versions without AdBlue®) / SELENIA WR FORWARD 0W-20 (versions with AdBlue®)
Gearbox casing/differential (litres)	1.8 (°) / 2.1 (°°)	6.0 (°°°)	TUTELA TRANSMISSION GEARFORCE (versions with manual transmission/dual clutch automatic transmission) / TUTELA TRANSMISSION AS8 (versions with AT9 automatic transmission)
Idler unit (PTU) (litres)	–	0.4	TUTELA TRANSMISSION B-5X
Rear differential (litres)	–	0.6	TUTELA TRANSMISSION COMPAQ DRIVE
Hydraulic brake circuit (kg)	0.83	0.83	TUTELA TOP 4/S
Windscreen and rear window washer fluid reservoir (litres)	2.5	2.5	Mixture of water and PETRONAS DURANCE SC35
AdBlue® tank (where provided) capacity approximately (litres)	13	13	AdBlue® DIN 70 070 and ISO 22241-1 **101) 102)**

(*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% demineralised water.
(**) For versions/markets, where provided
(°) Versions with manual transmission
(°°) Automatic transmission versions with dual clutch
(°°°) Versions with AT9 automatic transmission

IMPORTANT

101) *The distribution companies are responsible for the compliance of their product. Observe the precautions of storage and servicing, in order to preserve the initial qualities. The manufacturer will not recognise any guarantee in case of malfunctions and damage caused to the car due to the use of AdBlue® not in accordance with regulations.*

102) *Use AdBlue® only according to DIN 70 070 and ISO 22241-1. Other fluids may cause damage to the system: also exhaust emissions would no longer comply with the law.*

FLUIDS AND LUBRICANTS

Your car 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.

103)

PRODUCT SPECIFICATIONS

Use	Features	Specification	Original fluids and lubricants	Replacement interval
Lubricants for petrol engines	**SAE 0W-30** ACEA C2 / API SN	**9.55535-GS1**	**SELENIA DIGITEK P.E.** Contractual Technical Reference N° F020.B12	According to Scheduled Servicing Plan
Lubricant for diesel engines without AdBlue®	**SAE 0W-30** ACEA C2	**9.55535-DS1**	**SELENIA WR FORWARD 0W-30** Contractual Technical Reference N° F842.F13	According to Scheduled Servicing Plan
Lubricant for diesel engines 1.6 Multijet with AdBlue® and 2.0 Multijet with AdBlue®	**SAE 0W-20** ACEA C2	**9.55535-DSX**	**SELENIA WR FORWARD 0W-20** Contractual Technical Reference N° F013.K15	According to Scheduled Servicing Plan
Lubricant for diesel engines 1.3 Multijet 95 HP with AdBlue®	**SAE 0W-20** ACEA C5	**9.55535-DM1**	**SELENIA ECO2** Contractual Technical Reference N° F049.C18	According to Scheduled Servicing Plan

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

Use	Features	Specification	Original fluids and lubricants	Applications
Lubricants and greases for drive transmission	Synthetic lubricant.	**9.55550-AV5**	**TUTELA TRANSMISSION AS8** Contractual Technical Reference N° F139.I11	Lubricant for versions with AT9 automatic gearbox
	Fully synthetic oil with dedicated additive.	**9.55550-SA1**	**TUTELA CS SPEED** Contractual Technical Reference N° F005.F98	Lubricant for electro-hydraulic actuator (dual clutch automatic transmission versions)
	SAE 75W API GL4 grade synthetic lubricant.	**9.55550-MZ6**	**TUTELA TRANSMISSION GEARFORCE** Contractual Technical Reference N° F002.F10	Manual gearbox and differential
	Molybdenum disulphide grease, for use at high temperatures. N.L.G.I. consistency 1-2.	**9.55580-GRAS II**	**TUTELA ALL STAR** Contractual Technical Reference N° F702.G07	Wheel side constant velocity joints
	Low friction coefficient grease for constant velocity joints. N.L.G.I. consistency 0-1.	**9.55580-GRAS II**	**TUTELA STAR 700** Contractual Technical Reference N° F701.C07	Differential side constant velocity joints
Diesel fuel additive	Antifreeze additive for diesel, with protective action for Diesel engines		**PETRONAS DURANCE DIESEL ART** Contractual Technical Reference N° F601.L06	To be mixed with diesel (25 cc per 10 litres)

Use	Features	Specification	Original fluids and lubricants	Applications
Lubricants and greases for drive transmission	SAE 75W-90 API GL5 grade synthetic lubricant.	**9.55550-DA6**	**TUTELA TRANSMISSION B-5X** Contractual Technical Reference N° F006.A14	Transfer unit (PTU - 4x4 versions)
	SAE 75W-90 API GL5 grade synthetic lubricant.	**9.55550-DA7**	**TUTELA TRANSMISSION COMPAQ DRIVE** Contractual Technical Reference N° F007.A14	Rear differential (4x4 versions)
Brake fluid	Synthetic fluid for brake and clutch systems. Exceeds specifications: FMVSS no. 116 DOT 4, ISO 4925 SAE J1704.	**9.55597 or MS.90039**	**TUTELA TOP 4/S** Contractual Technical Reference N° F005.F15	Hydraulic brakes and clutch controls
Protective agent for radiators	Red protective with antifreeze action, based on inhibited monoethyl glycol with organic formula. Exceeds CUNA NC 956-16, ASTM D 3306 specifications.	**9.55523 or MS.90032**	**PARAFLU UP** Contractual Technical Reference N° F101.M01	Cooling circuits proportions of use: 50% water 50% PARAFLU UP(**)
Windscreen/rear window washer fluid	Mixture of spirits and surfactants. Exceeds CUNA NC 956-11 specifications.	**9.55522 or MS.90043**	**PETRONAS DURANCE SC 35 (*)** Contractual Technical Reference N° F001.D16	To be used diluted or undiluted in screen washer/wiper systems

Use	Features	Specification	Original fluids and lubricants	Applications
AdBlue® additive for diesel emissions	Water-UREA solution	**DIN 70 070 and ISO 22241-1**	**AdBlue®**	To be used for filling the tank AdBlue® on vehicles equipped with system of Selective Catalytic Reduction (SCR)

(**) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of **PARAFLU^{UP}** and 40% demineralised water.

AdBlue® is a registered trademark of Verband der Automobilindustrie e.V. (VDA)

IMPORTANT

103) *The use of products with specifications other than those indicated above could cause damage to the engine not covered by the warranty.*

PERFORMANCE

Top speed reachable after the initial period of usage of the car.

Versions	km/h
1.0	188
1.3	200
1.4 Turbo Multi Air 140 HP (***)	190
1.4 Turbo Multi Air 140 HP (*) (***)	190
1.4 Turbo Multi Air 136 HP (*) (***)	187
1.4 Turbo Multi Air 170 HP 4x4 (**) (***)	200
1.4 Turbo Multi Air 163 HP 4x4 (**) (***)	197
1.6 E.Torq (***)	180
1.3 MultiJet 95 HP	172
1.6 MultiJet 120 HP	186
1.6 Multijet 120 HP (*)	186
1.6 Multijet 115 HP (***)	183
1.6 Multijet 115 HP (*)	183
2.0 Multijet 150 HP 4x4 (**) (***)	196
2.0 Multijet 136 HP 4x4 (***)	187
2.0 Multijet 136 HP 4x4 (**) (***)	187

(*) Versions with dual-clutch automatic transmission
(**) Versions with AT9 automatic transmission
(***) For versions/markets, where provided

FUEL CONSUMPTION - CO_2 EMISSIONS

The fuel consumption and CO_2 emission figures declared by the manufacturer are determined on the basis of the type-approval tests laid down by the applicable standards in the country where the vehicle is registered.
The type of route, traffic conditions, weather conditions, driving style, general condition of the car, trim level/equipment/accessories, use of the climate control system, car load, presence of roof racks and other situations that adversely affect the aerodynamics or wind resistance lead to different fuel consumption values than those measured. The fuel consumption will only become more regular after driving the first 3000 km.
To find the specific fuel consumption and CO_2 emission figures for this car, please refer to the data in the Certificate of Conformity, and the related documentation that accompanies the car.

PRESCRIPTIONS FOR HANDLING THE CAR AT THE END OF ITS LIFE

(where provided)

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

To hand your vehicle over at the end of its life without extra cost, contact one of our dealerships if you are purchasing another vehicle or an FCA-authorised collection and scrapping centre. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of vehicles at their end of life, respecting the surrounding environment.

You can find further information on these collection and scrapping centres either from an FCA dealership or by calling the number in the Warranty Booklet or by consulting the websites of the various FCA brands.

MULTIMEDIA

This chapter describes the main functions of the ***Uconnect™*** *Radio or* ***Uconnect™*** *7" HD LIVE or* ***Uconnect™*** *7" HD Nav LIVE remote info systems which may be installed on the car.*

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.

⚠ 195) 196)

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 bulletins.

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.

104) 105)

MULTIMEDIA DEVICES

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

Only use devices (e.g. USB flash drives) from safe sources on the car. Devices from unknown sources could contain software infected by viruses which, if installed on the car, could increase the vulnerability of the car's electric/electronic systems to hacking.

ANTITHEFT PROTECTION

The system is equipped with an anti-theft protection system based on the exchange of information with the electronic control unit (Body Computer) on the vehicle.

This guarantees maximum safety and prevents the secret code from being entered after the power supply has been disconnected.

If the check has a positive outcome, the system will start to operate, whereas if the comparison codes are not the same or if the electronic control unit (Body Computer) is replaced, the system will ask the user to enter the secret code according to the procedure described in the paragraph below.

Entering the secret code

When the system is switched on, if the code is requested, the display will show "Please enter Anti-Theft Code" followed by the screen showing a keypad to enter the secret code.

The secret code is made up of four digits, from 0 to 9: to insert the 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. Please wait for 30 minutes". After the text has disappeared it is possible to start the code entering procedure again.

Vehicle radio passport

This document certifies ownership of the system. The vehicle radio passport shows the system model, serial number and secret code.

In case of loss of the car radio passport, contact the Fiat Dealership,

taking an ID document and the car 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 NOTES

Look at the screen only and 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

195) *Follow the safety rules here below: otherwise serious injuries may occur to the occupants or the system may be damaged.*

196) *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.).*

IMPORTANT

104) *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.*

105) *Do not use the display as a base for supports with suction pads or adhesives for external navigators or smartphones or similar devices.*

CONTROLS ON FRONT PANEL

I88

F1B0623C

FRONT CONTROL PANEL SUMMARY TABLE

Button	Functions	Mode
⏻	On/off	Short button press
	Volume adjustment	Left/right rotation of knob
🔇 ⏸	Volume activation/deactivation (Mute/Pause)	Short button press
⮌	Exit the selection/return to previous screen	Short button press
BROWSE ENTER	Scrolling the list or tuning to a radio station or select previous/next track	Left/right rotation of knob
	Confirmation of the option displayed	Short button press
INFO	Display mode selection (Radio, Media Player)	Short button press
PHONE	Access to the Phone mode	Short button press
MENU	Access to the Settings menu	Short button press
MEDIA	USB source selection	Short button press
RADIO	Access to the Radio mode	Short button press
1-2-3-4-5-6	Store current radio station	Long button press
	Stored radio station recall	Short button press
A-B-C	Selection of the group of radio presets or selection of the desired letter in each list	Short button press
⏮	Search for previous radio station or selection of USB previous track	Short button press
	Scan of lower frequencies until beginning of previous track	Long button press

Button	Functions	Mode
⏭	Search for next radio station or selection of USB next track	Short button press
	Scan of higher frequencies beginning of next track	Long button press
⤮	Shuffle of USB tracks	Short button press
⟲	USB loop	Short button press

CONTROLS ON THE STEERING WHEEL

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.

189 F1B0731

STEERING WHEEL CONTROLS SUMMARY TABLE

Button	Interaction
	❒ Acceptance of incoming call ❒ Answering the second incoming call and putting the active call on hold
	❒ Rejection of incoming call ❒ Ending of call in progress

CONTROLS BEHIND THE STEERING WHEEL

Buttons	Interaction
Button A (left side, behind the steering wheel)	
Upper button	❒ *Brief button press*: search for next radio station or selection of USB next track. ❒ *Long button press*: scan of higher frequencies until released/fast forward of USB track.
Central button	With each press it scrolls through sources AM, FM, DAB and USB. Only the available sources will be selected.
Lower button	❒ *Brief button press*: search for next radio station or select USB previous track ❒ *Long button press*: scan of lower frequencies until released/fast forward of USB track.
Button B (right side, behind the steering wheel)	
Upper button	**Increasing volume** ❒ *Brief button press*: single volume increase ❒ *Long button press*: fast volume increase
Central button	Activation/deactivation of Mute function
Lower button	**Decreasing volume** ❒ *Brief button press*: single volume decrease ❒ *Long button press*: 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 is equipped with the following tuners: AM, FM and DAB (for versions/markets, where provided).

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.

DISPLAYED INFORMATION

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.

SETTING THE PRESETS

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 warning is emitted.

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.

DAB station list

Press the BROWSE ENTER button/knob to display:

- the list of all DAB stations;
- the list of stations filtered by "Genres";
- 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.

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

To select the USB source, press the **MEDIA** button.

To select and playback music tracks on the cell phone CD card (where the phone allows) press the BROWSE ENTER button/knob, select Folders then Card.

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

CHANGE TRACK (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).

TRACK FAST FORWARD/REWIND

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 a USB device, you can also use the BROWSE ENTER button/knob to scroll through the list of artists, genres and albums available on the device, depending on the information available in the tracks.

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.

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.

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 the button again to deactivate the function.

REPEAT

To listen to the track again, press the ↻ button.

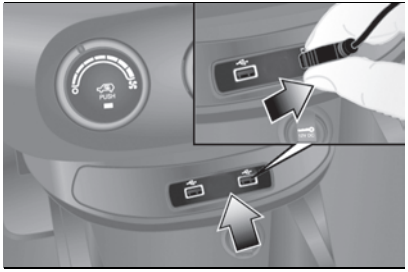
Press again to deactivate the function.

USB SOURCE

To activate USB mode, insert a device into one of the two USB ports on the central tunnel fig. 190.

IMPORTANT After using a USB recharging socket, disconnect the device (smartphone), always removing the cable from the vehicle socket first, never from the device (example in fig. 190). Cables left flying or connected incorrectly could compromise correct recharging and/or the USB socket condition.

NOTE The USB ports on the central tunnel handle data transmission from the Pen Drive/Smartphone, etc. and slow recharging of an external device, which is not guaranteed as it depends on the device type/brand.



190 F1B0754

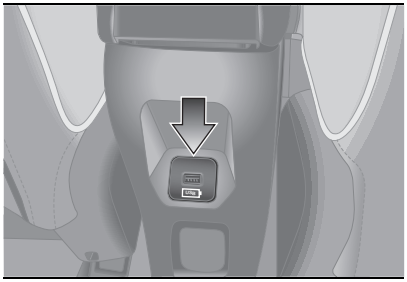
The **Uconnect™** system may not support some USB keys: in this case, it may not automatically switch from "Radio" mode to "Media" mode.

If the device used does not play, verify its compatibility by selecting Media mode: a dedicated message will appear on the **Uconnect™** system display.

USB charging port

(where provided)

Some versions have a USB charging port on the central console fig. 191.



191 F1B0753

PHONE MODE

Phone mode activation

Press the **PHONE** button on the front panel to activate the Phone mode.

If no mobile phone is connected, the respective display warning screen appears.

Pairing of a Bluetooth® mobile phone

The system connects automatically to the paired mobile phone with the highest priority.

To choose a specific **Bluetooth®** mobile phone, proceed as follows:

❒ press the **MENU**button on the front panel;

❒ select "Phone menu/Bluetooth" on the display;

❒ select the "Bluetooth/Phones" list using the corresponding button;

❒ select the specific device (**Bluetooth®** mobile phone);

❒ select "Connect";

❒ the device connected is highlighted in the list.

Unpairing of a Bluetooth® mobile phone

To disconnect a specific **Bluetooth®** mobile phone, proceed as follows:

❒ press the **MENU**button on the front panel;

❒ select "Phone menu/Bluetooth" on the display;

❒ select the "Bluetooth/Phones" list using the corresponding button;

❒ select the specific device (**Bluetooth®** mobile phone);

❒ select "Disconnect".

Making a phone call

A call can be made by:

❒ selecting "Contacts" (Phonebook .....);

❒ select the “Recent calls list”: the received, made and missed calls are viewed;

❒ press **PHONE** on the front panel, then select “Keypad” to enter the numbers using the “BROWSE/ENTER” right knob and finally press the icon to make the call. Alternatively, you can use the keypad of your phone (not while driving).

Ending a call

Press the "End" button or the button on the steering wheel controls (where present) to end a call in progress.

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, System Power Off, Power on Volume Limit, Auto-On Radio.

❒ **Radio Settings**: Browse FM Station List, Traffic Announcements, Regional, Alternative Frequency.

❒ **Radio off delay**: allows the system to be kept on for a preset time after the ignition device has been turned to STOP.

❒ **Audio settings**: access the audio settings menu.

❒ **Telephone**: access to the telphone settings menu.

AUDIO SETTINGS

This option accesses the audio settings menu.

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;

CONTROLS ON FRONT PANEL

192

F1B0520C

FRONT CONTROL PANEL SUMMARY TABLE

Button	Functions	Mode
	Volume activation/deactivation (Mute/Pause)	Short button press
	On/off	Short button press
	Volume adjustment	Left/right rotation of knob
	Display on/off	Short button press
	Scrolling the list or tuning to a radio station. Change radio station (Radio mode) Scroll the contents of the sources (Media mode) Media source track change	Left/right rotation of knob
	Confirmation of the option displayed. Open the browsing list (Radio mode or Media mode) Display the list of stations if (Radio mode)	Short button press

SUMMARY TABLE OF DISPLAY BUTTONS

Button	Functions	Mode
Radio	Access to the Radio mode	Press button
Media	Source selection: USB, **Bluetooth®**	Press button
Phone	Access to the Phone mode	Press button
Uconnect™	Access to the system functions (Audio, Media, Phone, Radio, **Uconnect™** LIVE services, etc.)	Press button
Nav (*)	Access to the Navigation menu	Press button
Settings	Access the settings menu	Press button
Trip	Access to the Trip function	Press button

(*) **Uconnect™** HD Nav LIVE versions only

CONTROLS ON THE STEERING WHEEL

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.

193 F1B0731

STEERING WHEEL CONTROLS SUMMARY TABLE

Button	Interaction
	❒ Acceptance of incoming call ❒ Answering the second incoming call and putting the active call on hold ❒ Display on the instrument panel of the list of the last 10 calls and favourite phone numbers (only with call browsing active)
	❒ Activation of voice recognition ❒ Interruption of the voice message in order to give a new voice command ❒ Interruption of voice recognition ❒ Long press: activation of Siri, Apple CarPlay and Android Auto functions
	❒ Rejection of incoming call ❒ Ending of call in progress ❒ Exit the display of the last calls on the instrument panel display (only with call browsing active) (for versions/markets, where provided)
	❒ Short press (Phone mode): selection, on the instrument panel display, of the last calls/text messages (only with call browsing active)

CONTROLS BEHIND THE STEERING WHEEL

Buttons	Interaction
Button A (left side, behind the steering wheel)	
Upper button	❒ *Brief button press*: search for next radio station or selection of USB next track. ❒ *Long button press*: scan of higher frequencies until released/fast forward of USB track.
Central button	With each press it scrolls through sources AM, FM, DAB, USB. Only the available sources will be selected.
Lower button	❒ *Brief button press*: search for next radio station or select USB previous track ❒ *Long button press*: scan of lower frequencies until released/fast forward of track on USB and SD (where provided).
Button B (right side, behind the steering wheel)	
Upper button	**Increasing volume** ❒ *Brief button press*: single volume increase. ❒ *Long button press*: fast volume increase.
Central button	Activation/deactivation of Mute function
Lower button	**Decreasing volume** ❒ *Brief button press*: single volume decrease. ❒ *Long button press*: 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. The electronic volume adjustment control rotates continuously (360°) in both directions, without stop positions.

"TOUCH SCREEN" FUNCTION

The system uses the "touch screen" function; to interact with the different functions, press the "graphic buttons" displayed.

Confirming a selection: press the "OK" button.

To go back to the previous screen, press the (Delete) button ⌫ or, depending on the active screen, ⬅/ Done.

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 currently playing is highlighted.

At the centre: the name of station being listened too is displayed.

On the left side: the "AM", "FM", "DAB" (for versions/markets, where provided) buttons to select the desired frequency band are displayed (the button corresponding to the selected band is highlighted).

On the right: display of the following buttons:

- "Info": additional information on the source being listened to;
- "Map": navigation map view (versions with **Uconnect™** 7" HD Nav LIVE only).

At the bottom: display of the following buttons:

- "Browse": list of the radio stations available;
- ◀◀ / ▶▶: selecting previous/next radio station;
- "Tune" : manual radio station tuning;
- "Audio": access to the "Audio settings" screen.

Audio menu

To access the "Audio" menu press the Audio" button located at the bottom of the display.

The following adjustments can be carried out using the "Audio" menu:

- "Balance & Fader" (left/right and front/rear audio balance adjustment)
- "Equaliser" (for versions/markets, where provided)
- "Speed Adj Volume" (speed-dependent automatic volume control)
- "Loudness" (for versions/markets, where provided)
- "AutoPlay"
- "Auto-On Radio"

MEDIA MODE

Press the "Media" button to select the desired audio source among those available: USB and **Bluetooth®**.

IMPORTANT Applications used on portable devices may be not compatible with the **Uconnect™** system.

After Media mode is selected, the following information is shown on the display.

At the top: information on the track being played and the following graphic buttons:

- "Repeat": to repeat the track being played
- "Shuffle": to play the tracks in random order
- Track progress and duration

In the middle: information on the track being played.

On the left: display of the following buttons:

- Selected device or audio source
- "Select Source": select the required audio source

On the right: display of the following buttons:

❒ "Info": additional information about the track playing
❒ “Tracks”: list of available tracks
❒ “Map": navigation map view (versions with **Uconnect™** 7" HD Nav LIVE only).

At the bottom: information on the track being played and the following graphic buttons:

❒ “Bluetooth” (for **Bluetooth®** audio source): displays the list of devices
❒ “Browse” (for USB source): opens browsing
❒ ◀◀ / ▶▶ : previous/next track selection;
❒ ❚❚ : pause track being played
❒ “Audio”: access to the “Audio Settings” screen

Track selection

The “Tracks” function allows you to open a window with the list of tracks being played.

The choices available depend on the device connected. For example, on a USB device you can also use the TUNE SCROLL button/knob ◀◀ or ▶▶ to scroll through the list of artists, genres and albums available on the device, depending on the information present on the tracks.

Within each list, the “ABC” button allows the user to skip to the desired letter in the list.

NOTE This button might be disabled for some **Apple®** devices.

Bluetooth® SOURCE

This mode is activated by pairing a **Bluetooth®** device containing music tracks with the system.

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 display;
❒ press the "Select 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" graphic button on the display and by selecting "Settings" or selecting "Phone/Bluetooth” from the "Settings" menu.

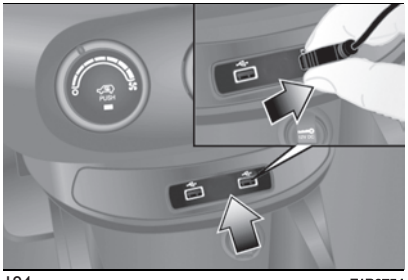
NOTE When modifying the name-device in the **Bluetooth®** settings of the phone (where provided), the Radio may change the track being played if the device is connected via USB after the **Bluetooth®** connection.

After updating the phone software, for proper operation, it is recommended to remove the phone from the list of devices linked to the radio, delete the previous system pairing also from the list of **Bluetooth®** devices on the phone and make a new pairing.

IMPORTANT If the **Bluetooth®** connection between mobile phone and system is lost, consult the mobile phone handbook.

USB SOURCE

To activate USB mode, insert a device into one of the two USB ports on the central tunnel fig. 194.



194 F1B0754

IMPORTANT After using a USB recharging socket, disconnect the device (smartphone), always removing the cable from the vehicle socket first, never from the device (example in fig. 194). Cables left flying or connected incorrectly could compromise correct recharging and/or the USB socket condition.

The **Uconnect™** system may not support some USB keys: in this case, it may not automatically switch from "Radio" mode to "Media" mode.

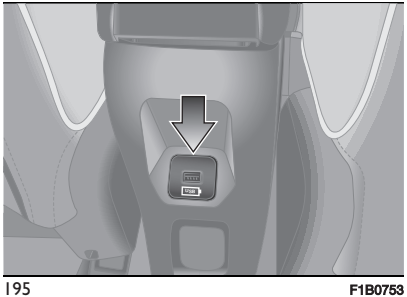
If the device used does not play, verify its compatibility by selecting Media mode: a dedicated message will appear on the **Uconnect™** system display.

NOTE The USB ports handle data transmission from the Pen Drive/Smartphone, etc. and slow recharging of an external device, which is not guaranteed as it depends on the device type/brand.

USB charging port

(where provided)

Some versions have a USB charging port on the central console fig. 195.



195 F1B0753

PHONE MODE

Phone mode activation

Press the “Phone” button on the display to activate the Phone mode.

NOTE To consult the list of mobile phones and supported functions, visit the www.driveuconnect.eu website

Use the buttons on the display to:

❒ dial 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 previous calls;

❒ pair up to 10 phones/audio device 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 vehicle’s audio system; the system automatically mutes the radio when the Phone function is used.

Pairing a mobile phone

IMPORTANT Carry out this operation only with car stationary and in safety conditions; this function is deactivated when the car is moving.

The pairing procedure for a mobile phone is described below: always consult the handbook for the mobile phone in any case.

To pair the mobile phone, proceed as follows:

❒ activate the **Bluetooth®** function on the mobile phone;

❒ press the “Phone” button on the display;

❒ if no phone is paired with the system yet, the display shows a dedicated screen;

❒ access “Settings” and select “Add device” to start the pairing procedure, then search for the **Uconnect™** device on the mobile phone;

❒ 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;
❒ 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.

NOTE To ensure proper operation after updating the phone software, it is recommended to remove the phone from the list of devices linked to the radio, delete the previous system pairing also from the list of **Bluetooth®** devices on the phone and make a new pairing.

Making a phone call

The operations described below can only be accessed if supported by the mobile phone in use. For all functions available, refer to the mobile phone owner's handbook.

A call can be made by:

❒ selecting "Phonebook"
❒ selecting "Recent";
❒ selecting "Dial";
❒ selecting "Redial".

Favourites

You can add a number or a contact (if already in Contacts) to the favourite list during a call by pressing one of the 5 "Empty" graphic buttons on the upper part of the display. The favourites can also be managed by using the Phone Book options.

Text 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 "Text" button is deactivated (greyed out).

When a text message is received, the display will show a screen where the options "Read", "Show", "Call" or "Ignore" can be selected.

Press the "Text" graphic button to access the list of text messages received by the mobile phone (the list displays a maximum of 60 messages received).

NOTE On some mobile phones, to make the SMS voice reading function available, the SMS notification option on the phone must be enabled; this option is usually available on the phone, in the **Bluetooth®** connections menu for a device registered as **Uconnect™**. After enabling this function on the mobile phone, it must be disconnected and reconnected with the **Uconnect™** system in order to make it effective.

IMPORTANT Some mobile phones may not take the text delivery confirmation settings into account when interfacing with **Uconnect™**. If a text message is sent via the **Uconnect™** system, the driver could face an additional cost, without any warning, due to the text message delivery confirmation request sent by the phone. For any problems related to the above, contact your telephone service provider.

"Do not disturb" function

If supported by the connected phone, by pressing the "Do not disturb" graphic button the user will not receive notifications of incoming calls or text messages. The user can reply with a default or customised message by means of the settings.

SMS message options

Default SMS messages are stored in the system memory and can be sent to answer a received message or as a new message.

❒ Yes
❒ No
❒ Okay
❒ I can't talk right now
❒ Call me
❒ I'll call you later
❒ I'm on my way
❒ Thanks
❒ I'll be late
❒ Stuck in traffic
❒ Start without me
❒ Where are you?
❒ Are you there yet?
❒ I need directions
❒ I'm lost
❒ See you later
❒ I will be 5 (or 10, 15, 20, 25, 30, 45, 60) (*) minutes late
❒ See you in 5 (or 10, 15, 20, 25, 30, 45, 60) (*) minutes

(*) Only use the numbers listed, otherwise the system will not take the message. When receiving an SMS, the systems also allows the same message to be forwarded.

NOTE For details on how to send an SMS using the voice commands, refer to the dedicated paragraph.

Browsing text messages

(where provided)

Using the steering wheel commands, you can view and manage the last 10 SMS messages received on the instrument panel display. To use this function the mobile phone must support the SMS exchange function through **Bluetooth®**.

Select "Phone" on the instrument panel Setup Menu and then select "SMS reader" using the steering wheel controls. The "SMS reader" submenu allows the last 10 SMS messages to be displayed.

Browsing favourites

(where provided)

Using the steering wheel commands, you can view and manage your favourite phone numbers on the instrument panel display. To use this function, the mobile phone must support SNS exchange via **Bluetooth®** and the favourite numbers must have been saved previously as such in the **Uconnect™** system.

Use the steering wheel controls to select "Phone" on the instrument panel Setup Menu. If the phone is connected, select the "Favourite numbers" option: the "Favourite numbers" submenu enables you to view and select the favourite number.

If the "Phone" option is selected with the phone not connected, the list of favourite numbers cannot be viewed.

Uconnect™ LIVE SERVICES

Press the **Uconnect™** button to access the **Uconnect™ LIVE** applications.

The application functions are present according to the vehicle configuration and to the market.

To use the **Uconnect™ LIVE** services, you need to download the **Uconnect™ LIVE** app from Google Play or Apple Store and register using the app or on www.driveuconnect.eu.

First access to the car

After starting the **Uconnect™ LIVE** app and entering your credentials, to access the **Uconnect™ LIVE** app services in the car you need **Bluetooth®** coupling between your smart phone and the **Uconnect™** system as described in the "Registering your cell phone" chapter. The list of supported mobile phones is available on www.driveuconnect.eu

After pairing, press the **Uconnect™LIVE** button on the display to access the connected services.

Before using the connected services, you must complete the activation procedure following the instructions that appear in the **Uconnect™LIVE**

app once the **Bluetooth®** pairing has been completed.

Setting the Uconnect™ LIVE services with the aid of the Uconnect™ system

Through the **Uconnect™ LIVE** services you can access the "Settings" section by pressing the ⚙ icon. You can then check the system options and change them according to your preferences .

System updates

If an update for the **Uconnect™LIVE** is available while the **Uconnect™LIVE** services are being used, the driver will be informed with a message on the radio.

Connected services that can be accessed on the car

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.

On **Uconnect™** 7" HD Nav LIVE versions, the access to **Uconnect™LIVE** services enables the use of "LIVE" services.

eco:Drive™

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

In addition, the data can be saved on a USB flash drive, and the data analysis can be made on your personal computer thanks to the **eco:Drive™** desktop application, available on www.fiat.it (for Italy) or www.fiat.com (for other countries) or www.driveuconnect.eu

Driving style is evaluated by means of four indices which monitor the following parameters:

- Acceleration
- Deceleration
- Transmission
- Speed

eco:Drive™ display

Press the **eco:Drive™** button to interact with the function. A screen will be displayed showing the 4 indices described above.

These indices are grey until the system has enough data to evaluate the driving style. Once sufficient data are available, the indices will have 5 colours depending on the evaluation: dark green (very good), light green, yellow, orange and red (very bad).

In the event of extended inactivity the display will show the average of the indices up to that moment ("Average index") then the indices will be coloured again in real time as soon as the car is restarted.

Recording and transferring trip data

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

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

For further information visit the www.driveuconnect.eu website

IMPORTANT Do not remove the USB memory stick nor unpair the smartphone and the **Uconnect™LIVE** App 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 **Uconnect™**display to guide the user correctly through the operation; follow these instructions. These messages are only displayed with the ignition device at STOP and when a delay in the **Uconnect™** system switching off is set. The data are automatically transferred to the devices when the engine is switched off. Transferred data will be deleted

from the system memory in this manner. You can choose to store the trip data or not, by pressing the "Settings" button and by setting the storage activation and the transfer mode (USB or Cloud), as required.
When the USB memory stick is full, the dedicated messages are shown on the **Uconnect™** system display.
When the **eco:Drive™** data have not been transferred to the USB key for a while, the **Uconnect™** system internal memory could become saturated: in this case, follow the recommendations provided by the messages on the display.

my:Car

my:Car allows you to keep the condition of your car always under control. The **my:Car** application is capable of detecting malfunctioning in real time and lets the driver know about the expiry of maintenance coupons,
To interact with the application, press "**my:Car**" button: a screen will appear on the display showing the "care:Index" section which contains detailed information on car status. Press the "Active warnings" button to show the details of any faults on the car which caused a warning light to switch on.
The car's status can be viewed on both the www.driveuconnect.eu and via the **Uconnect™LIVE** App.

Apple CarPlay AND Android Auto

(where provided)
The Apple CarPlay and Android Auto applications allow you to use your smartphone in the car safely and intuitively. To enable them, simply connect a compatible smartphone by means of one of the two USB ports located on the central tunnel and the phone contents will be automatically shown on the **Uconnect™** system display.
To check the compatibility of your smartphone, see the indications on the websites: https://www.android.com/intl/it_it/auto/ and http://www.apple.com/it/ios/carplay/.
If the smartphone is connected correctly to the car via one of the two USB ports located on the central tunnel, the Apple CarPlay or Android Auto icon will be displayed in place of the button in the main menu.

Android Auto APP Setup

Before use, download the Android Auto application to your smartphone from Google Play Store.
The application is compatible with Android 5.0 (Lollipop) and later versions. To use Android Auto, the smartphone must be connected to the car with a USB cable.
On the first connection, you will have to perform the setup procedure that appears on the smartphone. You can only perform this procedure with the vehicle stationary.
Once connected to the USB port, the Android Auto application establishes a parallel **Bluetooth®** connection.

Apple CarPlay App Setup

Apple CarPlay is compatible with the iPhone 5 or more recent models, with the iOS 7.1 operating system or later versions. Before using Apple CarPlay, enable Siri from "Settings" → "General" → "Siri" on the smartphone.
To use Apple CarPlay, the smartphone must be connected to the car with a USB cable.
NOTE Enabling CarPlay/Android Auto or some functions could require interaction on the smartphone. If necessary, complete the step on your device (smartphone).

Interaction

After the setup procedure, the application will run automatically on the **Uconnect™** system when your smartphone is connected to the USB port in the car.

You can interact with Apple CarPlay and Android Auto using the steering wheel button (long press of the button), using the BROWSE ENTER button/knob (to select and confirm) or using the **Uconnect™** system touchscreen.

Navigation

With the Apple CarPlay and Android Auto applications, the driver can choose to use the navigation system on their smartphone.

If the system “Nav” mode is already active, or when a device is connected to the car with a navigation session in progress, the **Uconnect™** display shows a pop-up alert enabling the driver to choose between system navigation or navigation using the smartphone.

The selection can be changed at any time by accessing the chosen navigation system and setting a new destination.

Setting “AutoShow smartphone display on connection"

Through the **Uconnect™** system settings, the user can decide to view the smartphone screen on the **Uconnect™** system display as soon as the smartphone is connected via the USB port.

When this function is set, each time a connection is made via USB, the Apple CarPlay or Android Auto apps will run automatically on the **Uconnect™** system display.

The "AutoShow smartphone display on connection" item can be found in the "Display" submenu. The function is enabled by default.

NOTES

❒ **Bluetooth®** is disabled while Apple CarPlay is being used

❒ **Bluetooth®** remains on while Android Auto is being used

❒ The data connection will depend on the tariff plan of the smarphone

❒ This information may be subject to changes that depend on the smartphone's operating system.

Exiting the Android Auto and Apple CarPlay apps

You can still access the contents of the **Uconnect™** system with the CarPlay app enabled by using the controls available and viewable on its display.

To return to the **Uconnect™** system contents with the Android Auto app enabled, select the last item on the Android Auto system bar and select “Back to Uconnect".

To end the Apple CarPlay or Android Auto session, physically disconnect your smartphone from the USB port located in the central tunnel of the car to which it was connected.

SETTINGS

Press the “Settings” button on the display to show the main “Settings” menu.

NOTE The menu items displayed vary according to the versions.

As a guideline, the menu includes the following items:

❒ Display
❒ Units (where provided)
❒ Voice controls
❒ Time and Date;
❒ Safety/Driving assistance (where provided)
❒ Lights
❒ Doors & Locks
❒ Engine Off Options
❒ Audio
❒ Phone/**Bluetooth®**
❒ Radio Setup
❒ SiriusXM Setup (where provided)
❒ Restore Default Settings
❒ Clear Personal Data
❒ Apps restore (where provided)

NAVIGATION

(versions with **Uconnect™** 7" HD Nav LIVE only)

Press the "Nav" button to show the navigation map on the display.

NOTE: The navigation system volume can only be adjusted during navigation

when the system provides voice indications.

Navigation main menu

In the navigation view, tap the "Main menu" button to open the menu:

❒ Select the "Search" button to search for an address, a place or a point of interest, then plan a route to the location.

❒ Select the "Current trip" button to delete or edit the planned route.

❒ Select the "My places" button to create a collection of useful or preferred addresses. The following items are always available in "My places": “Home” and “Recent destinations”.

❒ Select the "Parking" button to search for car parks.

❒ Select the "Weather" or "Speed Camera Warning" button to receive information on the weather or warnings about speed camera locations.

NOTE The "Weather" and "Speed Camera Warnings" functions are only active if TomTom Services are activated. Otherwise, the button will appear greyed out (and the functions will not be available).

❒ Select the "Petrol Station" button to search for petrol stations.

❒ Select the "TomTom Services" button to view the activation state of the following services (subscription needed): “Traffic”, “Speed cameras”, “Weather”, “Online search”.

Select this button to open the "Settings" menu.

Select this button to open the "Help" menu. The "Help" menu contains information on **Uconnect™** system, for example the map version, the serial number of the device and the legal notices.

Select this button to return to the map display or navigation view.

Select this button to activate/deactivate voice instructions. Select off to no longer hear voice instructions. You will still receive information such as traffic information and warning sounds. **Tip**: you can deactivate the warning sounds by selecting “Settings”, then “Sounds and warnings”.

Select this button to increase/decrease the screen brightness and display the map in brighter/darker colours. When driving at night or in unlit tunnels, watching the screen is more comfortable and less distracting for the driver if the map uses darker colours. **Tip**: the device will automatically switch between day and night view depending on the time of day. To deactivate this function, select “Appearance” in the “Settings” menu and deselect the option "Switch to night colours" when it is dark.

Map update

To ensure optimal performance, the navigation system must be updated periodically. For this, the Mopar Map Care service offers a new map update every three months.

The updates can be downloaded from the maps.mopar.eu website and installed directly on the navigator in your car.

All updates are free of charge for 3 years from the start of the warranty on the car.

The navigation system can also be updated at the Fiat Dealership.

NOTE The dealer may charge for updating the navigation system.

VOICE CONTROLS

Note For languages not supported by the system, voice commands are not available.

To use the voice commands, press the button on the steering wheel ("Voice" button) and say out loud the command you want to activate.

Global voice controls

The following voice controls can be given after pressing the button on the steering wheel:

- Help
- Cancel
- Repeat
- Voice Prompts

Phone voice controls

The following voice controls can be given after pressing the button on the steering wheel:

- Call
- Dial
- Re-dial
- Call back
- Recent calls
- Calls made
- Missed calls
- Calls received
- PhoneBook
- Search
- Show SMS
- Send an SMS
- Show messages

Radio voice controls

The following voice controls can be given after pressing the button on the steering wheel:

- Tune to FM "frequency"
- Tune to AM "frequency"
- Tune to DAB "frequency"
- Tune to "radio name" FM

Media voice controls

The following voice controls 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…
- Select the source...
- View...

Navigation voice controls

(versions with **Uconnect™** 7" HD Nav LIVE only)

The following voice controls can be given after pressing the button on the steering wheel:

- "Find ""POI"
- "Go to" “address”
- Go to "city name" centre
- Drive towards a town centre
- Navigate home
- Go via home
- Clear route
- Add this position to “My places”
- Display “My locations”
- Navigate through a saved location
- Recent Destinations
- Navigate passing through a recent destination
- Increase zoom
- Zoom out
- 2D view
- 3D view
- Report Speed Camera
- Report risk area

MOPAR® CONNECT

(where provided)
These services let you keep your vehicle under control at all times and receive assistance in the event of accident, theft or breakdown.
To have these services, install the **Mopar® Connect** device on your vehicle from the country (list available on the www.driveuconnect.eu website) and request activation by following the instructions received at the email address given when your vehicle was handed over to you.
Download the **Uconnect™LIVE** App or access the www.driveuconnect.eu portal to use the connected services.
You can find all the details about the services in the **Mopar® Connect** section of the www.driveuconnect.eu portal.

PRIVACY MODE

Privacy mode lets you disable the "Find car", "Notify Area" and "Notify Speed" services, which allow registered customers to locate their cars, for a fixed time.
IMPORTANT NOTE Vehicle position tracing remains active for the assistance services, where provided, in the event of accident or vehicle theft, but is not visible to the customer.

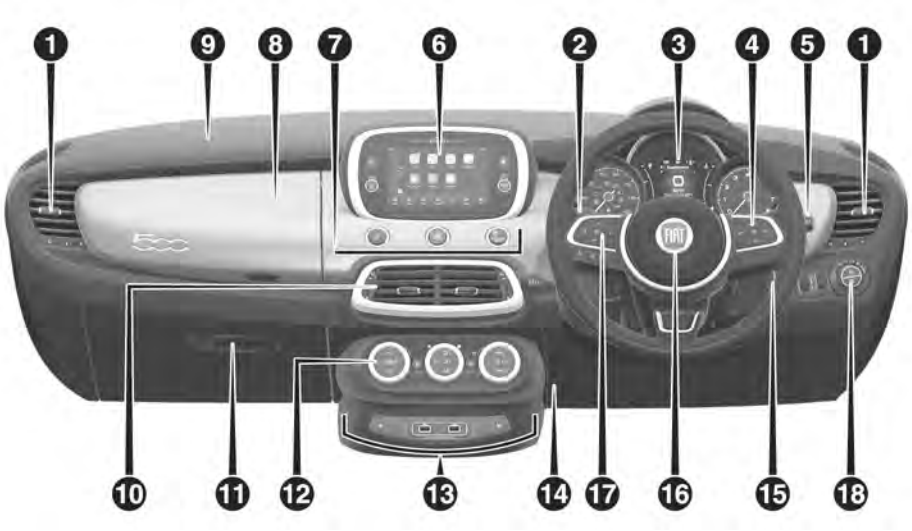
PRIVACY MODE activation procedure

Proceed as follows:
❒ take note of the total odometer reading;
❒ make sure that the instrument panel is off;
❒ Send the following text message to +393424112613: "PRIVACY <VEHICLE_CHASSIS_NUM> <TOTAL_MILEAGE_KM>" (e.g.: PRIVACY ZFA3340000P123456 12532). You can find the chassis number in the registration document;
❒ before starting the engine, wait to receive the text message confirming that Privacy mode has been activated and indicating when it expires.
When you have received the confirmation, you can start your trip in the knowledge that the vehicle will not be traced until the indicated expiry time. If it expires while you are still travelling, Privacy mode will be extended until you turn off the engine (instrument panel off).
If you receive a text message indicating that your request was not successful, you must be aware that the vehicle will continue to be visible to the registered customer.
If you have any doubts or problems during activation, consult the FAQ on the www.driveuconnect.eu portal, contact the Fiat Dealership or contact Customer Care.

OFFICIAL TYPE APPROVALS

eLUM
All radio equipment supplied with the vehicle complies with the 2014/53/EU directive. For further information visit the www.mopar.eu/owner or http://aftersales.fiat.com/elum/ websites.

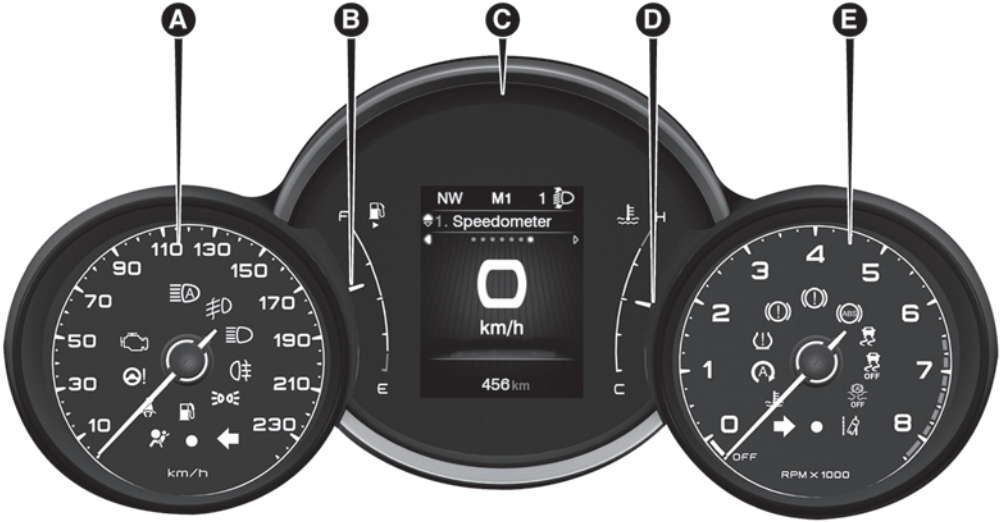
DASHBOARD



196 F1B0764

1. Adjustable side air diffusers 2. Left stalk: direction indicators, main beam headlights, flashing, Lane change function 3. Instrument panel 4. Controls on the steering wheel: Cruise Control, Speed Limiter 5. Right stalk: windscreen wiper/washer, rear window wiper/washer, rain sensor sensitivity level setting 6. **Uconnect™** 7. Start&Stop, hazard lights, passenger airbag LED status 8. Refrigerated upper storage compartment (for versions/markets, where provided) 9. Passenger front airbag 10. Adjustable central air diffusers 11. Lower compartment box 12. Climate controls 13. Buttons on central console: seat heater, Park Assist system, USB port (plus one second USB port, for versions/markets, where provided) 14. Knee bag 15. Ignition device (key or button) 16. Driver front airbag 17. Steering wheel controls: display menu, trip computer, multimedia, telephone, voice recognition 18. Control panel: light switch, headlight adjuster

DASHBOARD AND INSTRUMENT PANEL



197 F1B0749

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

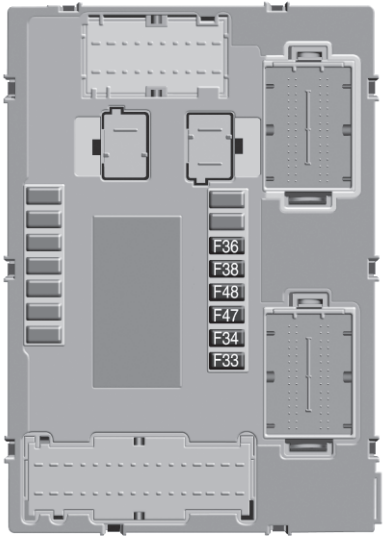
Warning light present on Diesel versions only.

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

REPLACING FUSES
DASHBOARD FUSEBOX

The fusebox is positioned under the dashboard (on the left side) and the fuses can be easily accessed from the other part of the dashboard.

For fuse replacement, contact a Fiat Dealership.



198 F1B0193C

IMPORTANT

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.

ROOF RACK/SKI RACK

❒ Before driving, make sure that the transversal bars have been fitted properly.

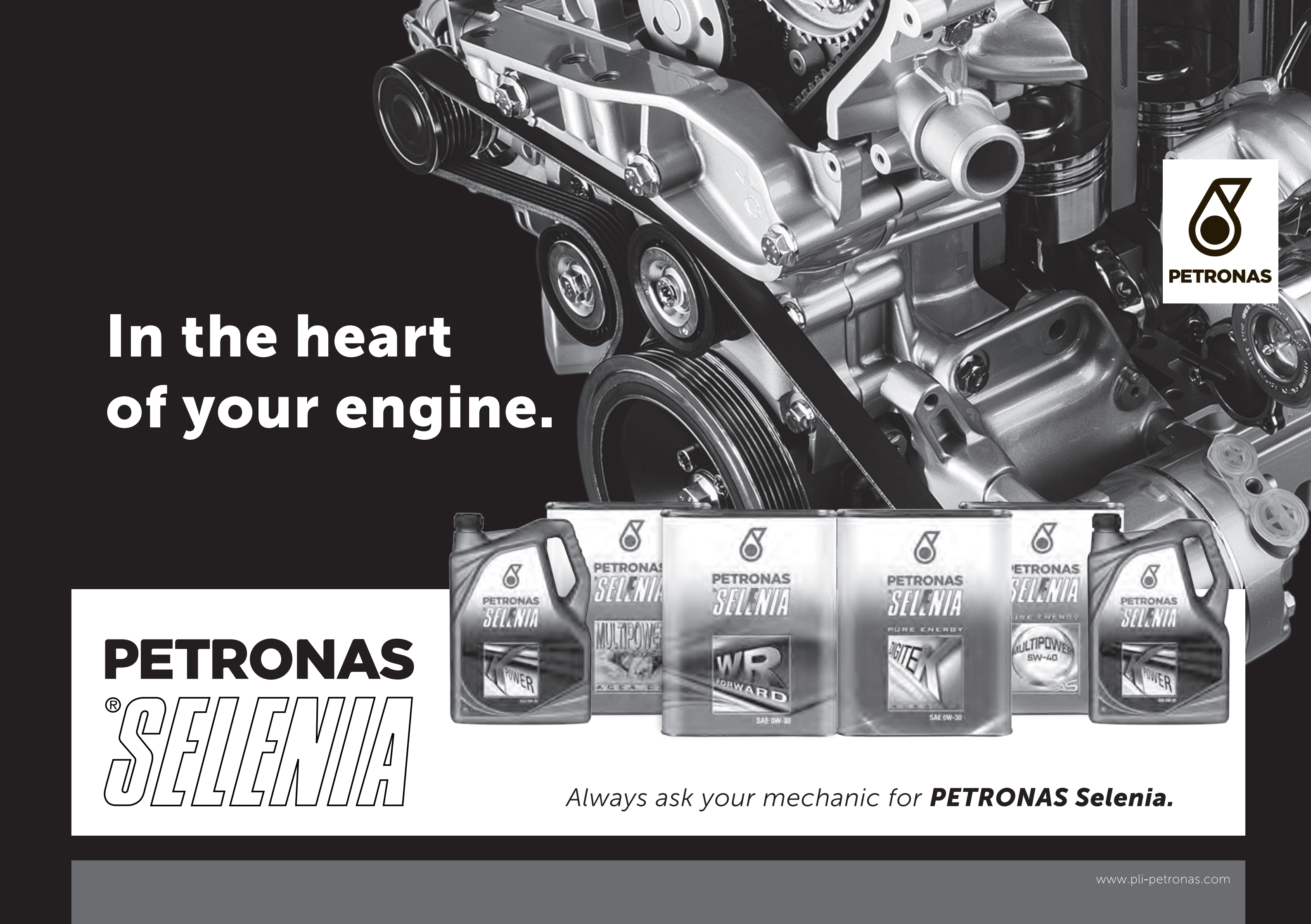
ENVIRONMENTAL PROTECTION SYSTEMS

❒ The catalytic converter and particulate filter (DPF) reach very high temperatures during operation. Therefore do not park the car on flammable materials (e.g. grass, dry leaves, pine needles, etc.): fire hazard.

IMPORTANT

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.



PETRONAS
In the heart
of your engine.
PETRONAS
®SELENIA
PETRONAS SELENIA
K POWER
PETRONAS SELENIA
MULTIPOWER
PETRONAS SELENIA
WR FORWARD
SAE 0W-30
PETRONAS SELENIA
PURE ENERGY
DIGITEK
SAE 0W-30
PETRONAS SELENIA
MULTIPOWER 5W-40
PETRONAS SELENIA
K POWER
Always ask your mechanic for PETRONAS Selenia.
www.pli-petronas.com

PETRONAS

PETRONAS
SELENIA

Oil change? The experts recommend PETRONAS Selenia

*The engine of your car is factory filled with **PETRONAS Selenia**. This is an engine oil range which satisfies the most advanced international specifications. Its superior technical characteristics allow **PETRONAS Selenia** to guarantee the highest performance and protection of your engine.*

The PETRONAS Selenia range includes a number of technologically advanced products:

PETRONAS Selenia K Power
Fully synthetic lubricant developed for American design petrol engines.

PETRONAS Selenia WR Forward
Fully synthetic Low SAPS lubricant for Euro 6 diesel engines. High fuel economy.

PETRONAS Selenia Digitek Pure Energy
Fully synthetic lubricant for petrol engines. High fuel economy characteristics.

PETRONAS Selenia Multipower Gas
Fully synthetic lubricant for petrol engines supplied with methane or LPG. Protection against valve wear.

PETRONAS Selenia Multipower C3
Synthetic lubricant for petrol and diesel engines. Fuel economy characteristics.

The range also includes Selenia K, Selenia 20K, Selenia Turbo Diesel, Selenia Sport, Selenia Sport Power, Selenia Racing, Selenia WR, Selenia WR Pure Energy.

For further information on PETRONAS Selenia products visit the web site **www.pli-petronas.com**

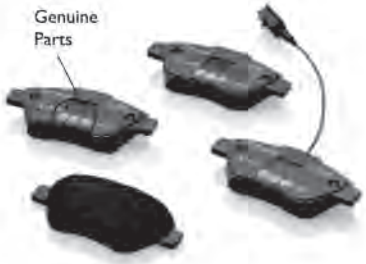
CHOOSING GENUINE PARTS IS THE MOST NATURAL CHOICE

HOW TO RECOGNISE GENUINE PARTS

To recognise a **Genuine Part**, check **that the component bears our brands**, always clearly visible on Genuine Parts, from the braking system to windscreen wipers, from shock absorbers to pollen filter.
All **Genuine Parts** undergo **strict controls**, both during design and manufacturing stages, by specialists using **vanguard materials**, to **test the component reliability.**
This to guarantee **performance** and **safety** for you and your passengers on board, for a long time.
Always ask for and make sure a **Genuine Part** has been used.

Pollen filter

Shock absorber



Brake pads

MAINTAIN YOUR VEHICLE IN TIP TOP CONDITIONS WITH

MOPAR® VEHICLE PROTECTION

Mopar Vehicle Protection offers a series of service contracts that are designed to give all our customers the pleasure of driving their vehicle without any hitch's and concerns.

Our product portfolio consists of a wide and flexible range of **extended warranty and maintenance plans** endorsed by FCA. Each with a series of **different coverage tiers, in terms of durability and mileage**, built to accommodate you're driving needs.

Service contracts are made by experts that know every part of your vehicle, and commit themselves to **maintain it in tip top conditions**. Our knowledge and passion is tailored around designing products that promises all our drivers "worry-free driving".

Only with Mopar Vehicle Protection you are ensured that all service operations are performed by **highly qualified and specialized technicians in authorized FCA repair facilities, using the right tools, equipment and only original parts, all over Europe**.

Check which Service Contract plans are available on your market today and choose the Service Contract that suits your driving habits best.

Ask your local dealer for further information.

CONTENTS

FCA Italy S.p.A. - MOPAR - Technical Service Operations - Service Engineering
Largo Senatore G. Agnelli, 3 - 10040 Volvera - Turin (Italy)
Print no. 603.91.988 - 09/2019 - 1 Edition

WHY CHOOSING GENUINE PARTS

We really know your car because we invented, designed and built it: we really know every single detail.
At **Fiat Service authorised workshops** you can find technicians directly trained by us, offering quality and professionalism for all service operations.
Fiat workshops are always close to you for the regular servicing operations, season checks and practical recommendations by our experts.
With Original Parts distributed by MOPAR®, you maintain the reliability, comfort and performance features that you bought your new car for over time.
Always ask for Genuine Parts for the components used on our cars; we recommend them because they come from our steady commitment in research and development of highly innovative technologies.
For all these reasons: **rely on Genuine Parts, because they are the only ones designed by FCA for your car.**

SAFETY:
BRAKING SYSTEM

ENVIRONMENT: PARTICULATE FILTERS,
CLIMATE CONTROL MAINTENANCE

COMFORT: SUSPENSION
AND WINDSCREEN WIPERS

PERFORMANCE: SPARK PLUGS,
INJECTORS AND BATTERIES

LINEACCESSORI
ROOF RACK BARS, WHEEL RIMS

ENGLISH