# 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 familiar with all the features of your car.

Here you will find information, advice and important warnings regarding use of your car 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 the transmission; at the same time, you can understand the car 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.

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 confident that these tools will bring you closer to your new car and make you appreciate the assistance provided by the Fiat team.

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 version, 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).***

**The data contained in this publication should be understood as intended to guide you in the correct use of the car. Stellantis Europe S.p.A. aims at continual 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 car" 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 a manual transmission (diesel 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 MAR and wait for the 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 dual clutch automatic transmission/electrified dual clutch automatic transmission**: apply the electric parking brake, position the gear lever to P (Park) or N (Neutral), press the brake pedal, then move the ignition device to AVV or press the button on the ignition device.

## 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

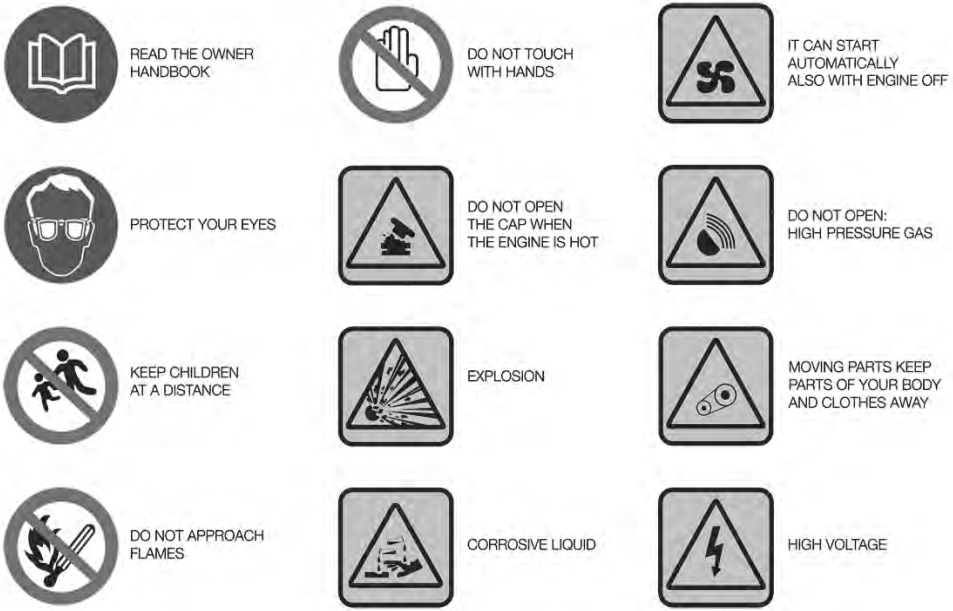
Correct maintenance of the car is essential for ensuring that it maintains its performance and its safety features, its environmental friendliness and low running costs for a long time to come.

## "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.

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# CHANGES/ALTERATIONS TO THE CAR

## WARNINGS

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

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 car in addition to constituting a potential hazard for passengers' health.

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

## ACCESSORIES PURCHASED BY THE OWNER

If after buying the car, you decide to install electrical accessories that require a permanent electrical supply (e.g. satellite anti-theft system, etc.) or accessories that influence the electrical supply requirements, contact a Fiat Dealership. Their personnel will check whether the electrical system of the vehicle is able to withstand the load required or needs to be integrated with a more powerful conventional battery.

WARNING Take care when fitting additional spoilers, alloy wheel rims or non-standard wheel hubs: they could reduce the ventilation of the brakes and affect efficiency under sharp, repeated braking or on long descents. Make sure that nothing obstructs the pedal stroke (mats, etc.).

## INSTALLING ELECTRICAL/ELECTRONIC DEVICES

Electrical and electronic devices installed after buying the car in the context of after-sales service must carry the following label e CE.

The manufacturer authorises the fitting of transceivers provided that installation is carried out at a specialised centre, in a workmanlike fashion and in compliance with manufacturer's specifications.

WARNING Traffic police may not allow the car on the road if devices have been fitted which modify the features of the car. This may also invalidate the warranty if faults occur that are either directly or indirectly related to the installation of these devices.

The manufacturer shall not be liable for damage caused by the installation of accessories either not supplied or recommended by Stellantis Europe S.p.A. and/or not installed in compliance with the provided instructions.

## RADIO TRANSMITTERS AND MOBILE PHONES

Radio transmitter equipment (car mobile phones, CB radios, amateur radio etc.) cannot be used inside the car unless a separate aerial is mounted on the roof.

Transmission and reception of these devices may be affected by the shielding effect of the car body. As far as the use of EC-approved mobile phones is concerned (GSM, GPRS, UMTS, LTE), follow the usage instructions provided by the mobile phone Manufacturer.

# USE OF THE OWNER HANDBOOK

## OPERATING INSTRUCTIONS

Each time an instruction is given that concerns direction (left/right or forward/backward), it is written to be read from the perspective of an occupant in the driver's seat.
If a direction is written from a different perspective, it will be specified as such in the text as appropriate.
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.

## WARNINGS AND CAUTIONS

While reading this Owner Handbook you will find a series of **WARNINGS** to prevent procedures that could damage your car. There are also **CAUTIONS** 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 **CAUTIONS** must always be carefully followed.
**WARNINGS** and **CAUTIONS** are recalled in the text with the following symbols:

 personal safety;

 car 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.

WARNING If a “conventional battery” is mentioned in the text, this indicates the 12V lead service battery located in the engine compartment. “Auxiliary battery” mentioned in the text means the 48V lithium-ion traction battery of the Mild Hybrid system,

which is located in the central tunnel under the car. The term "supplementary battery" instead means a lead battery outside the car used for jump starting.

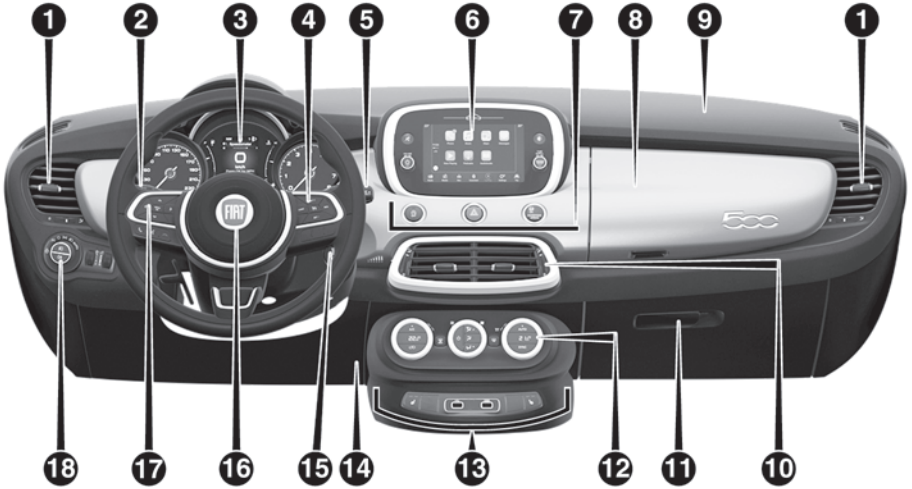
# GETTING TO KNOW YOUR CAR

*In-depth knowledge of your new vehicle starts here.*

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

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

# DASHBOARD

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1. Adjustable side air diffusers 2. Left stalk: direction indicators, main beam headlights, flashing, Lane change function 3. Instrument cluster 4. Steering wheel controls: Cruise Control (where provided), Speed Limiter (where provided) 5. Right stalk: windscreen wiper/washer, rear window wiper/washer, rain sensor sensitivity level setting 6. **Uconnect™** 7. Start&Stop, Auto OFF, hazard warning 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

# MILD HYBRID VERSION OPERATING PRINCIPLE

(where provided)

## HYBRID SYSTEM EQUIPMENT

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The 500X Mild Hybrid is a hybrid vehicle **MHEV** (**M**ild **H**ybrid **E**lectric **V**ehicle).

The hybrid system of the car uses:

❒ **an electric motor ("e-machine")** integrated in the electrified dual clutch automatic transmission, connected mechanically to the heat engine and powered by a lithium ion auxiliary battery (48V)

❒ **a BSG (Belt Starter Generator) alternator/starter**, activated by the auxiliary services belt, which makes it possible to start the heat engine with the car stationary or when driving at a low speed. In the case of a fault in the 48V system, the BSG (Belt Starter Generator) alternator/starter can act as an alternator and charge the traditional 12V battery. In some phases, such as during “electric driving”, it replaces the starter motor of the heat engine. In the latter case, when stopping the car with the automatic switching-off of the engine, the engine will be restarted with the alternator/BSG starter (Belt Starter Generator)

❒ **a 48V lithium ion auxiliary battery** with the function of energy accumulator for the car

The Mild Hybrid system therefore enables improved performance (better response in transients), while reducing fuel consumption and $CO_2$ emissions.

NOTE The Mild Hybrid system does not operate continuously, but is activated based on the state of the car, the state of charge of the auxiliary lithium ion battery (48V), the driving conditions (acceleration/deceleration/braking, engine starting) and on the conditions of the road surface (e.g. downhill road).

The Mild Hybrid system provides a power boost to the internal combustion engine during vehicle start-up when more traction torque is required, or at times of higher fuel consumption and emissions. In certain driving conditions, the Mild Hybrid system control module regulates the energy flows based on the charge level of the auxiliary lithium ion battery (48V).

With the electrified dual clutch automatic transmission lever in P ("Park") and N ("Neutral"), an increase in noise from the engine compartment may be heard as the auxiliary battery (48V) charging phase begins: this is normal and not a fault.

### DC/DC converter

To permit the conversion of the current originating from the 48V system into current that can be used by the 12V system, DC/DC is used: when driving the car, the DC/DC acts as a converter, making it possible to power and charge the 12V battery. The connecting cable allows the 12V and 48V system to be interfaced and to power the 12V system through the 48V auxiliary battery, the DC/DC converter and the BSG (Belt ignition device Generator) alternator/ignition device.

## MAIN CHARACTERISTICS OF THE MILD HYBRID SYSTEM

The main features of the Mild Hybrid system are:

❒ "eBraking” mode
❒ "eCoasting" mode
❒ "eAuto" mode (can be deactivated by pressing the "eAuto OFF" button located on the central dashboard)
❒ "eCreeping” mode
❒ "eLaunch" mode
❒ "eQueueing” mode
❒ "eBoosting" mode
❒ "eParking" mode

NOTE All of the characteristics listed above cannot be selected by the

driver, but are activated automatically by the Mild Hybrid system based on the driving conditions and the state of charge of the auxiliary battery.
For a detailed description of the various characteristics, refer to what is described in the relative chapters in the section “Starting and driving”.

***WARNING***

***1)*** *Improper use, or inappropriate interventions on the system components, can cause serious electric damage and cause serious accidents that can even result in death if the provided instructions are not observed. Always go to a Fiat Dealership.*
***2)*** *In case of an accident, the system components could have suffered damage that cannot be seen. Do not touch or tamper with damaged components of the battery system: be careful to avoid short circuits. Contact a Fiat Dealership immediately.*
***3)*** *Do not make any type of change to the components of the battery system: always contact a Fiat Dealership.*
***4)*** *Do not puncture, crush, shake or deform the battery system.*
***5)*** *The lithium ion auxiliary battery (48V) is located at the bottom of the vehicle: therefore avoid getting the battery system wet with any type of liquid and do not park the vehicle over sources of external heat.*

## AUXILIARY BATTERY

(Mild Hybrid version)
6) 1) 1) 2)
The car is equipped with a sealed 48V auxiliary lithium-ion battery with the function of energy storage for the car.
The main functions performed by the auxiliary lithium-ion battery are to store the electric energy developed while braking and to supply it to the system when the electric motor starts to function.
The auxiliary lithium ion battery is partially charged during driving by recovering the kinetic energy of the car when slowing down and braking.
The auxiliary lithium ion battery recharges automatically to ensure that the charge level is always around 50% of the maximum level, in order to take full advantage of the hybrid functionality and, at the same time, always have a certain capacity useful for the energy recovery operation.
The battery does not require any type of maintenance. Its state of charge can be seen on the instrument panel display (see what is described in chapter “Control panel and on-board instruments” in the section “Knowing the instrument panel").
To ensure that the lithium ion battery is maintained properly over time, the vehicle must not be exposed to temperatures below -10°C and above +40°C for extended periods of time, as some car functions may change or become deactivated as the battery performance decreases outside this temperature range. The battery is equipped with conditioning systems that ensure that it operates under optimal temperature conditions appropriate to its operation.
The components of the hybrid system in the vehicle (DC/DC, inverter, 48V auxiliary lithium ion battery, control module of the electrified dual clutch automatic transmission) are cooled by an auxiliary circuit located inside the engine compartment (for more information refer to the "Checking levels" paragraph in the "Servicing and maintenance" section).

WARNING In case of a 48V lithium ion battery failure, contact a Fiat Dealership.

WARNING The battery has a limited service life. Its ability to conserve the charge decreases with time and use. The amount of decrease in battery capacity varies based on the external conditions (e.g. ambient temperature, etc...) and conditions of use, such as the driving style, for example. This is a

natural characteristic of the lithium ion batteries and must not be considered an index of malfunction.

### GENERAL SAFETY INFORMATION

Improper use, or inappropriate work performed on the components of the system with incorrectly isolated equipment, could cause short circuits and cause accidents due to the passage of high currents and/or the high resulting temperatures. For any repair/maintenance work on the system, contact exclusively a Fiat Dealership.

If the battery system is used in an inappropriate manner, if it is damaged/overheats/tampered with or exposed to adverse environmental conditions (e.g. very high or very low temperatures), the battery could be damaged and release flammable electrolyte emissions. In these cases, have the 48 Volt battery replaced: contact exclusively a Fiat Dealership.

The hybrid system does not allow the 48V battery to be recharged using external devices, so it is recommended that the vehicle is not left unused for too long (no more than 3 months) to prevent the 48V battery from being discharged beyond the minimum limit, as it may become unusable as it cannot be recharged from an external supply.

***WARNING***

***6)*** *The electrolyte inside the battery is a polluting and flammable material. If the auxiliary battery is not disposed of properly, it may cause fire and pollute the environment.*

***IMPORTANT***

***1)*** *If, as a result of a violent impact or accident, the car has hit the bottom (underbody), have the battery checked by qualified technicians.*

***IMPORTANT***

***1)*** *Live parts of the vehicle are marked with safety warning labels. The high-voltage battery bears a label indicating this danger.*
***2)*** *Do not dispose of the auxiliary battery yourself. For more information contact a Fiat Dealership.*

## THE KEYS

### KEY WITH REMOTE CONTROL

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2)
3)

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

- the ignition switch
- the driver's door lock


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Press button (B) to open/close the metal insert.

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### ELECTRONIC KEY

(versions with Keyless Entry / Keyless Go system)

On versions with the "Keyless Entry / Keyless Go" system, the car can be equipped with two copies of an electronic key (A) fig. 4, or, alternatively, (B) fig. 5.


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## OPERATION

### Unlocking doors and boot

Briefly press the button / (based on the type of key): unlocking of doors and boot, timed switching-on of internal ceiling lights and double flashing of direction indicators (where provided).

When the function is available, press and release the unlock button on the remote control once only to unlock the driver's door or twice within 1 second to unlock all doors and the tailgate.

The current setting can be changed using the display Menu or the **Uconnect™** system, for the system to unlock the driver door only or all the doors the first time the button is pressed on the remote control.

For further information, see the "Display" paragraph, "Knowing the instrument panel" chapter.

Version (A): the doors can always be unlocked by putting the metal insert in the driver's door lock.

Version (B): in case of a key malfunction or a flat battery, it is always possible to use the mechanical key (B) fig. 11. For information on the procedure to extract the mechanical key and replace the battery, see the “Replacing the electronic key battery” paragraph further on.

### Door and boot locking

Briefly press the or "**FIAT**" button (depending on the type of key): locking of doors and boot with the ceiling light off and single flash of direction indicators (where provided).

*For cars with keys with remote control*, if one or more doors are open, the doors will not be locked.

This situation is indicated by a rapid flashing of the direction indicators (where provided). The doors will be locked if the tailgate is open however.

*For cars with electronic keys*, if one or more doors are open, the doors are locked anyway and this is indicated by a rapid flashing of the direction indicators (where provided).

The doors prepare for locking, which is active from the moment they are closed. The doors will unlock again only if the key presence is detected inside the passenger compartment.

### Opening the boot

Rapidly press the x2 / x2 button (depending on the type of key) twice to open the boot 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)

This function is useful for example to find the car easily in a crowded parking.

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

Pressing the button again or at the end of the 90 seconds switches off the lights switched on previously (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/tail lights will stay on for a further 30 seconds.

## REPLACING THE BATTERY IN THE KEY WITH REMOTE CONTROL

3)

To replace the battery, proceed as follows:

❒ operate with a fine bit screwdriver in the points indicated by the arrows fig. 6 then remove the rear casing (A) fig. 7

❒ use a coin to turn inspection flap (B) anticlockwise and remove it

❒ replace the battery (C) with a new one of the same specifications, respecting its polarity

❒ refit flap (B) turning it clockwise, then re-close the rear casing by pressing gently and making sure it is correctly locked.

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## REPLACING THE ELECTRONIC KEY BATTERY

### Version (A)

To replace the battery, proceed as follows:

❒ extract the metal insert in the electronic key (see description above);

❒ gently introduce the end of the metal insert in the housing (A) fig. 8 of the key to open it into two parts (as an alternative to the metal insert, it is possible to use the flat part of the screwdriver supplied with the car)

❒ remove the battery (B) fig. 9 (CR2032 type)


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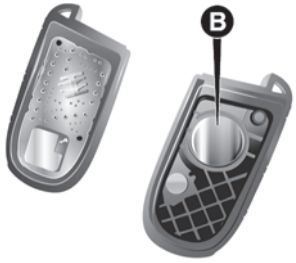


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❒ insert a new battery, making sure that the polarity is correct

❒ refit the two parts of the electronic key, ensuring that they are locked correctly

❒ reinsert the metal insert in the key

WARNING The battery replacement operation must be carried out with care, in order not to damage the electronic key.

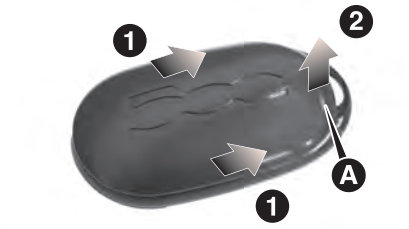
**Version (B)**

4)

To replace the battery, proceed as follows:

❒ take the key from the lower side (A) fig. 10 (the one without buttons) and, using your fingertips, move the cover in the direction of the key chain hole until the teeth are released (motion (1))

❒ gently remove the lower cover by pulling it upwards (motion (2) fig. 10)

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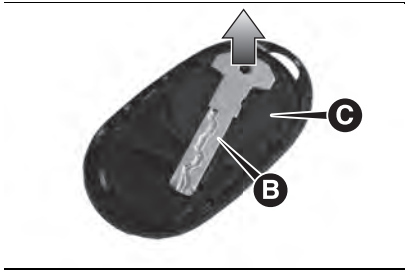
❒ pull up the edge of the metal key (B) fig. 11 until the release and pull it out

❒ remove the battery protection cap (C) fig. 11

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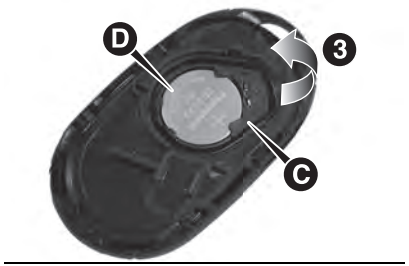
❒ lift the fastener (C) fig. 12 by prying into the recess in the end of the key, on the side of the key chain (movement (3))

❒ remove the battery (D)

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❒ to replace the battery, insert it in the compartment occupied by the previous one, taking care to respect the polarities indicated inside the electronic key. Then proceed by sliding and then pushing the battery into the cavity intended to house it

❒ reposition the battery protection cap

❒ refit the metal insert in the electronic key

❒ reposition the cover taking care to anchor it correctly to the key

WARNING The battery replacement operation must be carried out with care, in order not to damage the electronic key.

## REQUEST FOR ADDITIONAL KEYS

To guarantee that the engine starts and the car operates correctly, use only electronic keys specifically coded for the car's electronics.

If an electronic key is coded for a car, it cannot be used on any other car.

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***

***7)*** *Do not swallow the battery. Danger of chemical burns. The keys contain a small battery. If the battery is swallowed, it can cause severe internal burns in just 2 hours and cause death. Keep new and used batteries out of the reach of children. If*

*the battery compartment does not close securely, discontinue use of the product and keep it out of reach of children. If you believe that batteries may have been swallowed or inserted inside the body, seek medical attention immediately. The emergency key (where provided) must be immediately inserted into the electronic key to prevent easy access to the battery.*
***8)** 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***

***2)** 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***

***3)** 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.*
***4)** Used batteries should be disposed of, as specified by law, in the special containers, otherwise take them to a Fiat Dealership, which will deal with their disposal.*

# IGNITION DEVICE

**Versions with mechanical key**

The key can be turned to three different positions: fig. 13

❒ 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

On versions with automatic transmission the ignition key can only be removed when the gear lever is at P (Park).

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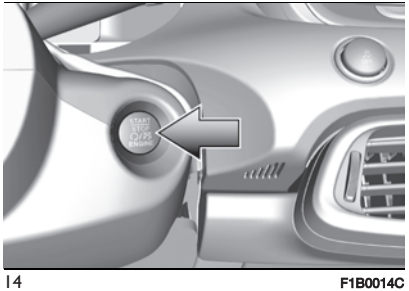
**Versions with electronic key ("Keyless Entry / Keyless Go" system)**

To activate the ignition device fig. 14 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.



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The ignition device has the following possible states:

❒ STOP: engine off, steering locked. Some electrical devices (e.g. central door locking system, alarm, etc.) are still available

❒ MAR: driving position. All electrical devices are available. This state can be entered by pressing the ignition device button once, without pressing the brake pedal (versions with automatic transmission) or the clutch pedal (versions with manual transmission)

❒ 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 transmission) 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 For Mild Hybrid versions with the ignition device at MAR, the electric motor on and the gear lever in the P position, the ignition device will automatically switch to the STOP position 30 minutes after the driver door has been closed.
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 car 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.

⚠ 11) 12)

## STEERING COLUMN LOCK

### Activation

*Versions with mechanical key*: with the device at STOP, remove the key and turn the steering wheel until it locks.
WARNING 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 column lock engages when the driver door is opened, with the ignition device button at STOP and speed 3 km/h.

### Deactivation

*Versions with mechanical key*: slightly moving the steering wheel, turn the key to the MAR position.
*Versions with electronic key*: the steering column lock disengages when the ignition device is pressed and the electronic key is recognised.

⚠ 13) 14)

**WARNING**

***9)*** *If the ignition device has been tampered with (e.g. attempted theft), have it checked over by a Fiat Dealership before driving again.*
***10)*** *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.*
***11)*** *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.*
***12)*** *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.*
***13)*** *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 / Keyless Go" in the paragraph "Doors").*
***14)*** *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

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 car'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.

### WARNINGS

Do not tamper with the Fiat Code system.
Any modifications/alterations could cause the protection function to be deactivated.
The Fiat Code system is not compatible with certain aftermarket remote starting systems.
The use of these devices could cause problems when starting and the deactivation of the protection function.
All keys provided with the car have been programmed in accordance with the electronics on the car itself.
Each key has its own code which must be stored by the system's control unit. Contact a Fiat Dealership to have new keys (up to 8) stored with a code.

## ALARM

Activation of the alarm triggers the horn and the direction indicators.

WARNING The engine immobiliser function is ensured by the Fiat Code system, which is automatically activated when the key is extracted from the ignition device, or, on versions equipped with the Keyless Entry / Keyless Go system, when you get out of the car taking the electronic key with you and locking the doors.

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

### SWITCHING ON THE ALARM

(where provided)
With the doors, bonnet and tailgate closed and the ignition device turned to STOP, point the key with remote control or electronic key towards the vehicle and press and release the **"FIAT"** button.
For versions with electronic key, the alarm can also be armed by pressing the "door lock" button, located on the door external handle. For more information, refer to the Keyless Entry

/ Keyless Go 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. 15 flashes on the instrument panel.


15 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.

WARNING 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 ignition device to MAR, or by pressing the 🔓 / 🔒 button on the remote control.

### TURNING THE ALARM OFF

Press the 🔓/🔒 button. The following operations are performed:
- ❒ two brief flashes of the direction indicators (where provided)
- ❒ two brief acoustic signals (where provided)
- ❒ releasing the doors

For versions with electronic key, the alarm can also be disengaged by the holder of the key, by grasping one of the front handles.
For more information, refer to the Keyless Entry / Keyless Go paragraph a few pages further on.

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

### 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.

WARNING If the batteries of the key with remote control run out or the system fails, the alarm can be switched off by putting the ignition device in the MAR position.

## DOORS

### LOCKING/UNLOCKING DOORS FROM THE INSIDE

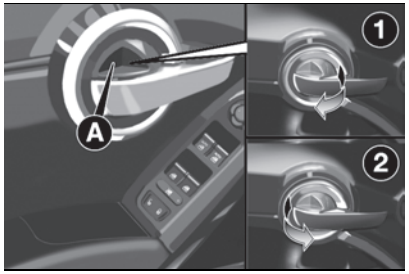
#### Central locking/unlocking

If all doors are closed properly, they will automatically be locked once the vehicle has exceeded 20 km/h ("Autoclose" function). This function can also be disabled using the menu on the instrument panel.
To lock the doors, press the 🔒 button located on the front door trim fig. 16.
To unlock the doors, press the 🔓/🔒 button.

16 F1B0024C

### Manual locking/unlocking

Doors can also be locked/unlocked by turning device (A) fig. 17 integral to the front door inner handles.




17 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 boot 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.

3)

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 / KEYLESS GO

(where provided)

4)

The Keyless Entry / Keyless Go 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.

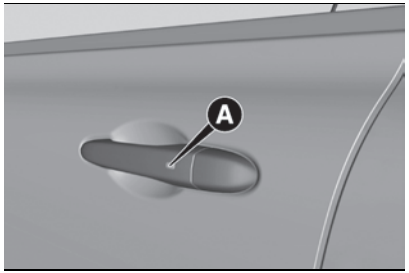
WARNING When wearing gloves or if the door handle is wet after rain, the Keyless Entry / Keyless Go system sensitivity may be reduced, lengthening the response time of the function.

### Door locking

To lock the doors, proceed as follows:

❒ make sure that you have the electronic key and are close to the driver's or passenger's door handle

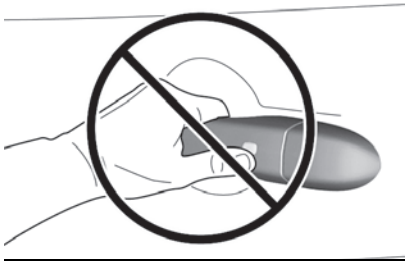
❒ press the door locking button (A) fig. 18 on the handle: this will lock all doors and the tailgate. Door locking will activate the alarm as well (where provided)




18 F1B0063C

WARNING 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 car is locked correctly by pulling the door handle within 2 seconds. The doors will not be unlocked again.

WARNING Do not simultaneously lock and unlock by pulling the handle (see fig. 19).



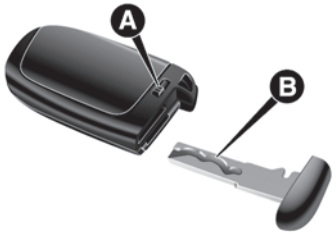
19 F1B0251C

**Driver side door emergency opening**

If the electronic key does not function (for example if its battery is discharged) or if the conventional car battery is discharged, it is possible to use the emergency metal insert located inside the key to unlock the lock on the driver's door.

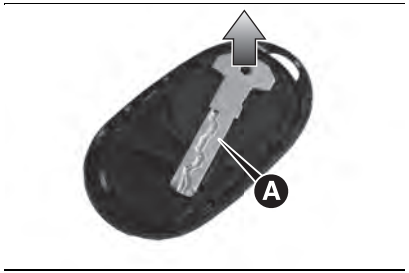
To extract the metal insert, proceed as follows:

❒ electronic key version (A): use the device (A) fig. 20 and remove the metal insert, pulling it outwards (B)




20 F1B0020C

❒ electronic key version (B): remove the rear cover and remove the key (A) fig. 21 (see the paragraph "Replacing the electronic key battery" in the chapter "The keys" in this section)




21 F1B0915

❒ insert the metal insert (or the key) in the driver's door lock and turn it to unlock the door lock

If one of the electronic keys is detected inside the car and no other active electronic key is detected outside the car, the Keyless Entry / Keyless Go function automatically unlocks all the car doors and operates the direction indicators.

If, on the contrary, one or more electronic keys are inside the passenger compartment, pressing the button on the remote control the keys inside the passenger compartment are temporarily disabled.

To re-activate their correct operation, press the button /  on the remote control.

**Notes**

The car will **unlock** the doors if one of the following conditions is met:

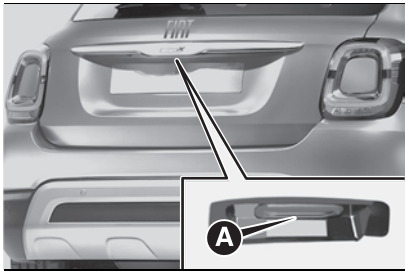
❒ the doors were closed by pressing the button in the inner door panel
❒ a valid electronic key is detected inside the car and, outside the car, no other electronic key is detected
The car will **not unlock** the doors if one of the following situations is present:
❒ if the doors have been locked manually using the door locking knobs (or the metal insert of the key, for the driver's door only)
❒ an electronic key close to the car has been detected outside
When the Keyless Entry / Keyless Go function is disabled using the display Menu or the **Uconnect™** system, the devices which provide protection against accidentally leaving the electronic key in the car remain active.

### Locking/unlocking the tailgate

Approaching the tailgate with a valid electronic key, press the opening button (A) fig. 22 underneath the tailgate handle to unlock the tailgate.
NOTE If there is an alarm system, the latter will be temporarily disabled only for the boot area. After closing the boot, 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.

WARNING Before driving make sure the tailgate is closed correctly.



22 F1B0895

The tailgate can be locked by pressing the button on the electronic key or on the inner door panel.
NOTE boot opening is disabled while the car is moving.
While travelling, if the tailgate is closed correctly, it will be closed 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.

### System activation/deactivation

The Keyless Entry / Keyless Go system can be activated/deactivated through the display Menu or the **Uconnect™** system.

## DEAD LOCK DEVICE

(where provided)
15)
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 / Keyless Go system, by pressing the unlock button on the exterior door handle of the car.
The direction indicators flash 3 times to let you know that the device is active.
If one or more of the doors are not closed correctly, the device will not activate, thus preventing a person from getting stuck inside the passenger compartment by entering the car through, and then closing, the open door.

### Deactivating the device

The device disengages automatically:
❒ when the doors are unlocked (pressing button on the key with remote control)
❒ moving the ignition device to MAR

❒ when one of the front handles is gripped on car equipped with the Keyless Entry / Keyless Go system

## CHILD LOCK

16) 17)

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

This device fig. 23 can be engaged only with the doors open:

23 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.

WARNING The rear doors cannot be opened from the inside when the child lock device is engaged.

**WARNING**

*15) 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.*

*16) 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.*

*17) 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**

*3) 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.*

*4) 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

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

## FRONT SEATS WITH MANUAL ADJUSTMENT

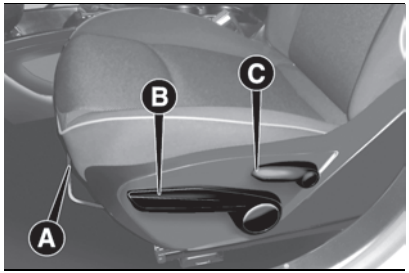
18)

5)

### Longitudinal adjustment

Lift lever (A) fig. 24 and push the seat forwards or backwards.

19)




24 F1B0019C

### Height adjustment

(where provided)

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

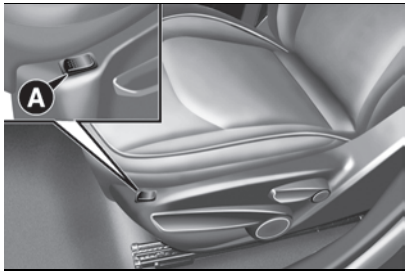
### Backrest angle adjustment

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).

### Power lumbar adjustment

(where provided)

When the ignition device is at MAR, press button (A) fig. 25 to adjust the lumbar area support for maximum comfort while driving.



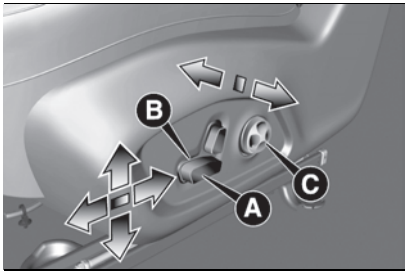

25 F1B0016C

## ELECTRICALLY ADJUSTABLE FRONT SEATS

(where provided)

6)

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




26 F1B0018C

### Height adjustment

Use the front part of the switch (A) fig. 26 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.

### Power lumbar adjustment

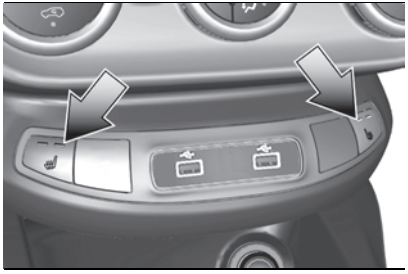
Use the joystick (C) to operate the lumbar area device to obtain maximum driving comfort.

WARNING 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. 27 on the dashboard.



27 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.

WARNING 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

The boot can be partially (1/3 or 2/3) or totally extended by splitting the rear seat.

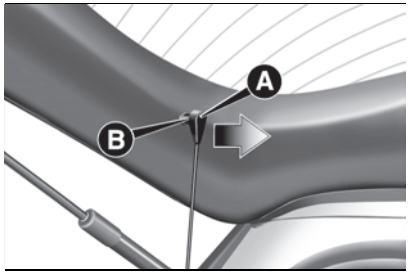
### Removing the parcel shelf

Proceed as follows:

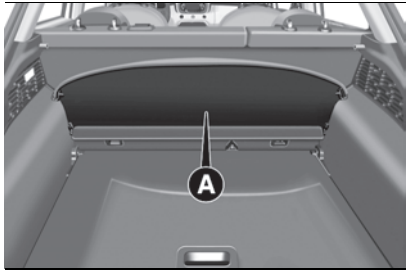
❒ free the ends of the two links (A) fig. 28 from the rear parcel shelf support devices (B)

❒ raise the rear part of the rear parcel shelf, then remove it by releasing it from the side supporting pins

❒ after removal, the rear parcel shelf (A) fig. 29 can be positioned behind the rear seats, as shown




28 F1B0025C




29 F1B0026C

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

⚠ 20)

⚠ 7)

Extending the right side of the boot allows you to carry two passengers on the left part of the rear seat, while extending the left side allows you to carry just one passenger.

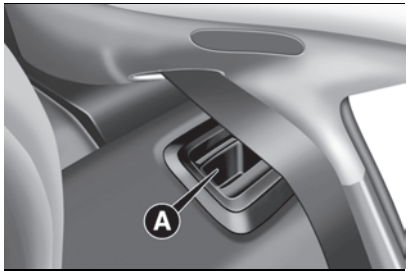
Proceed as follows:

❒ remove the rear parcel shelf (as described previously)

❒ completely lower the rear seat head restraints

❒ move the seat belt to the side, making sure that the belt strap is fully extended and not twisted

❒ operate release device (A) fig. 30 to fold the required backrest section. When the device is released, a red mark becomes visible. Accompany the backrest into the folded position




30 F1B0027C

### Total boot extension

Tilting the rear seat completely forwards allows maximum loading volume.

Proceed as follows:

❒ remove the rear parcel shelf (as described previously)

❒ completely lower the rear seat head restraints

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

❒ operate release devices (A) fig. 30 to fold both the right and left backrest sections. When the device is released, red marks become visible (one at each side). Accompany the backrests into the folded position

### Repositioning seat backrests

⚠ 20)

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

**WARNING**

***18)*** *All adjustments must be made with the car stationary.*

***19)*** *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.*

***20)*** *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**

***5)*** *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.*

***6)*** *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.*

***7)*** *Before tilting the backrest, remove any objects on the seat cushion.*

## HEAD RESTRAINTS

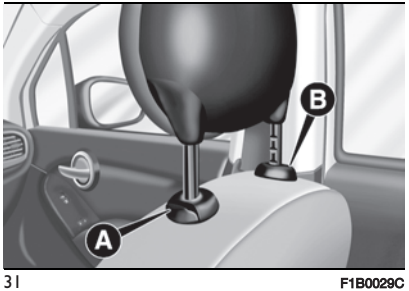
### FRONT

⚠ 21)

### 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.




3 I F1B0029C

Downward adjustment: press button (A) fig. 31 and lower the head restraint.

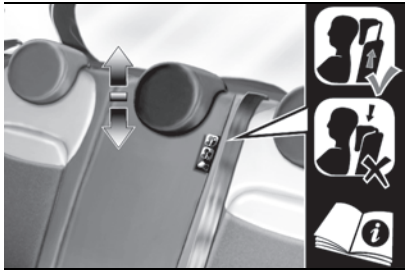
### REAR

⚠ 21)

### Adjustment

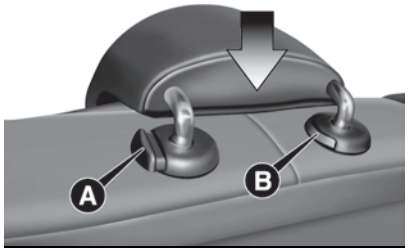
Three head restraints with height-adjustment to 3 preset positions (completely raised / intermediate / completely lowered) are provided for the rear seats

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



32 F1B0236C

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




33 F1B0030C

Downward adjustment: press button (A) fig. 33 and lower the head restraint.

**Removing rear/front head restraints**

Proceed as follows:

❒ raise the head restraint to its maximum height;

❒ press the button (A) and the device (B) fig. 31 (front head restraints) or (A) and (B) fig. 33 (rear head restraints) on the side of the two supports, then remove the head restraints pulling them upwards.

WARNING Always reposition the rear head restraints if they have been removed before starting to drive normally. Re-fit the rods of the head restraints in their housings, holding buttons (A) and (B) pressed. Then, re-position the head restraints according to your needs.

WARNING If the rear seats are used, always set the head restraint of the central position in the "completely extracted" position.

***WARNING***

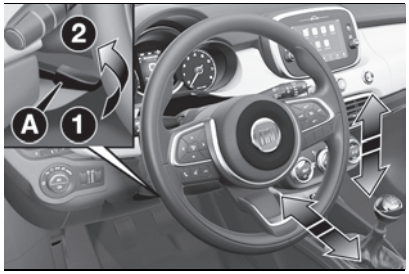
***21)*** *Head restraints must be adjusted so that the head, rather than the neck, rests on them. Only in this case they can protect your head correctly. Any removed head restraints must be repositioned correctly, in order to protect the occupants in the event of a collision: follow the instructions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

## STEERING WHEEL

22) 23)

### ADJUSTMENTS

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




34 F1B0645

To carry out the adjustment move the lever (A) fig. 34 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***

***22)*** *All adjustments must be carried out only with the car stationary and engine stopped.*

***23)*** *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. 35 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.


35 F1B0033C

### Electrochromic mirror

An automatic electrochromic mirror is fitted on some versions, which automatically modifies its reflecting properties to prevent dazzling the driver fig. 36.

The electrochromic mirror has an ON/OFF button to activate/deactivate the electrochromic anti-glare function.

36 F1B0034C

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

## DOOR MIRRORS

### Electric adjustment

⚠ 24)

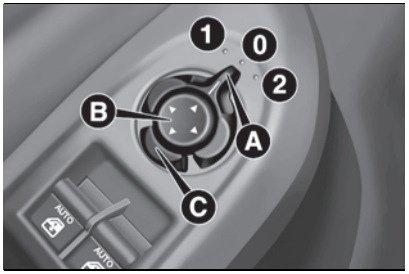
Adjusting the mirrors is possible with the ignition device at MAR and for about 3 minutes after the ignition device switches to STOP (or also after the mechanical key has been extracted, for cars equipped with mechanical key with remote control).

When one of the front doors is opened this operation is disabled.

Select the desired mirror using device (A) fig. 37:

❒ position 1: left mirror selected;

❒ position 2: right mirror selected;




37 F1B0035C

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

WARNING Once adjustment is complete, rotate device (A) to position (0) to prevent accidental movements.

### Electric folding

(where provided)

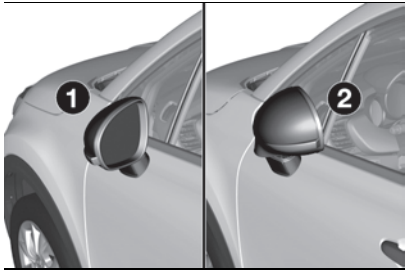
To fold the mirrors, press button (C) . Press the button again to restore the mirrors to the driving position. Once the chosen command has been given, before the mirror reaches the fully open or closed position its direction of travel can be reversed by pressing button (C) again.

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.

WARNING While driving, the mirrors must always be kept open (position (1) fig. 38) and must never be folded (position (2)).




38 F1B0340C

### Automatic function activation

(where provided)

Activating the central door locking system from outside the vehicle automatically folds the mirrors.

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. 37, 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 more 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. 38);

❒ Actuate the mirrors opening control one or two times (C) fig. 37 to realign the system and bring both mirrors in the driving position.

### Heated mirrors

(where present)

On versions with manual climate control or dual-zone automatic climate control, pressing the button (heated rear window) activates door mirror demisting/defrosting.

24)

**WARNING**

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

## EXTERNAL LIGHTS

### LIGHT SWITCH

The ring of the light switch (A) fig. 39, 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.


39 F1B0206C

The external 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 external lights are switched on.

## AUTO FUNCTION

### (Dusk sensor)

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

### Function activation

Turn the light switch ring to the **AUTO** position.
For further information see the "Headlights off delay (Follow Me Home)" paragraph.

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

### Function deactivation

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

## DIPPED BEAM HEADLIGHTS

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

## DAYTIME RUNNING LIGHTS (DRL)

### "Daytime Running Lights"

25) 26)

With the ignition device to MAR position and the light switch ring turned to the **0** 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 the ignition device to MAR, press the button .
With fog lights on, the warning light 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 off, press the button again.
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 steering 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

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.

WARNING 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 the **AUTO** position.

## 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 (0, 30, 60 or 90 seconds) from 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 than 0, the lights can be switched of for the predetermined time by taking the ring from position (with the engine running) to position **AUTO** (with the engine off).

The function can be activated automatically on: 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

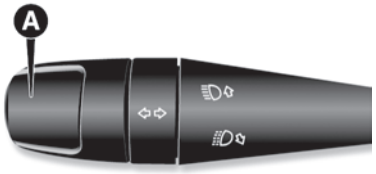
To activate the fixed main beam headlights, with the ignition device in MAR, push left lever (A) fig. 40 towards the dashboard. The light switch should be turned to **AUTO** with the dipped beam headlights on, or it should be turned to position .

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

### Flashing the headlights

Pull the lever (A) fig. 40 towards you; when released it returns automatically to the stable, central position.

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




40 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.

To set the function, use the display Menu (see the instructions in the "Display" paragraph, "Knowing the instrument panel" chapter). To activate this, turn the light switch ring to **AUTO**.

The function is activated by pushing the stalk toward the dashboard (stable position); the warning light comes on in the instrument panel. The warning light will also come on in the instrument panel with main beam headlights on. If the 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 dashboard 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 light illuminates again on the instrument panel.

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

## DIRECTION INDICATORS

Bring the left stalk (A) fig. 40 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 / Keyless Go 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

### Light beam direction

The correct aiming of the headlights is important for the comfort and safety of not only the driver but all other road users. This is also covered by a specific rule of the highway code.

The headlights must be correctly aligned to guarantee the best visibility conditions for all drivers while travelling with headlights on.

Contact a Fiat Dealership to have the headlights checked and adjusted.

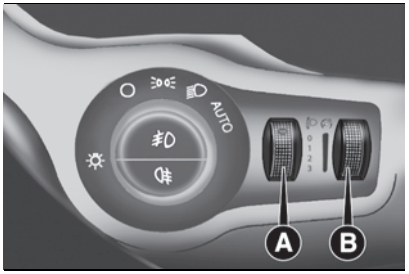
Check light beam alignment every time the load or its distribution changes.

### Headlight alignment corrector

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

Turn the ring (A) fig. 41 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 permitted load stowed in the boot




41 F1B0207C

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

## INSTRUMENT PANEL AND CONTROL BUTTON GRAPHIC BRIGHTNESS ADJUSTMENT

With side lights or headlights on, turn ring nut (B) fig. 41 upwards to increase light brightness of the instrument panel and of the control button graphics, or turn the ring nut downwards to decrease it.

## FOG LIGHTS ALIGNMENT

(where provided)

Contact a Fiat Dealership to have the headlights checked and adjusted.

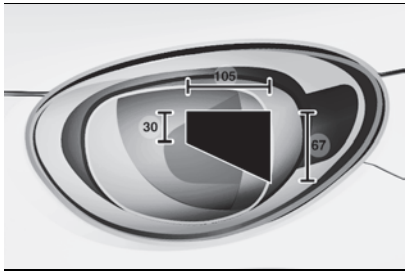
## ADJUSTING THE HEADLIGHTS WHEN ABROAD

For halogen dipped beam headlights only LED dipped beam headlights do not require masking.

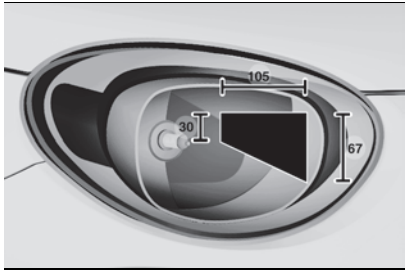
Dipped beam headlights are adjusted for driving in the country where the car was originally purchased.

When travelling in countries with opposite driving direction, to avoid dazzling the drivers on the other side of the road, you need to cover areas of the headlight according to the Highway code of the country you are travelling in: (front right headlight), (front left headlight).

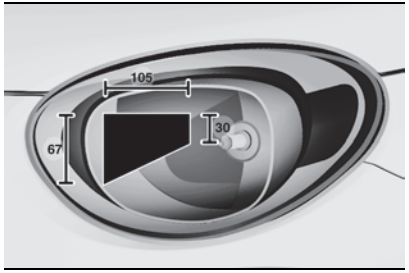
❒ fig. 42: mask for right driving, left headlight
❒ fig. 43: mask for right driving, right headlight
❒ fig. 44: mask for left driving, left headlight
❒ fig. 45: mask for left driving, right headlight



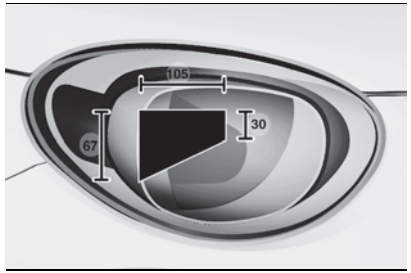

42 F1B0681




43 F1B0682




44 F1B0683




45 F1B0684

***WARNING***

***25)*** *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.*

***26)*** *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

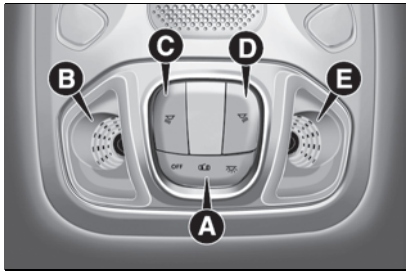
Switch (A) fig. 46 is used to switch on/off the ceiling light bulbs.

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 right (⚿): lights (B) and (E) are always switched on




46 F1B0041C

The lights switch on/off gradually.

Switch (C) switches on/off light (B).

Switch (D) switches on/off light (E).

WARNING Before getting out of the car, make sure that the interior lights are off; this will prevent the traditional battery from being drained once the doors are closed. In any case, if a light is left on by mistake, the ceiling light

switches off automatically about 15 minutes after the engine has been switched off.

### 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 vehicle

## REAR CEILING LIGHT

### Versions without soft top

To switch the ceiling light on/off, press the fig. 47 button:

- **pressed to 1**: ceiling light always off
- **pressed to 2**: ceiling light always on
- **position 0**: the ceiling light switches on when a door is opened

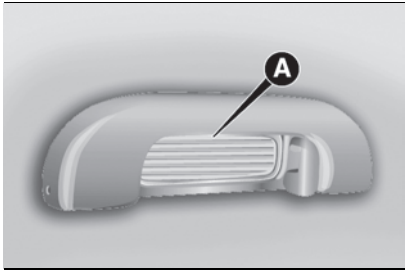

47 F1B0043C

### Versions with soft top

On versions with a soft top, there are two ceiling lights A (A) fig. 48 located above the rear doors, just behind the grab handles.

The lights switch on when the rear doors are opened.

The lights come on automatically in conjunction with events that cause the front ceiling light to come on.




48 F1B0088C

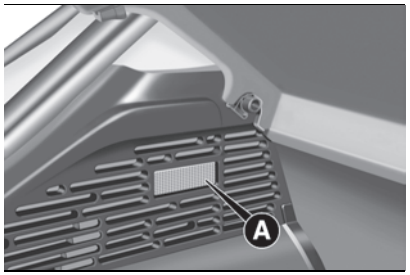
## BOOT LIGHT

(where provided)

There is a light A (A) fig. 49 in the boot, on the left side.

This switches on automatically when the boot is opened and switches off when it is closed. With the starter switch in STOP, if covers (B) are left raised, the lights will automatically switch off after 15 minutes, to preserve battery life.

The ceiling light switches on and off regardless of the position of the ignition device.




49 F1B0045C

# WINDSCREEN WIPER/REAR WINDOW WIPER

Operation is only possible with the ignition device at MAR.

## WINDSCREEN WIPER / WASHER

### Operation

8) 9)

27)

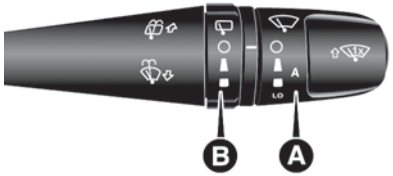
The ring (A) fig. 50 can be set to the following positions:

- O windscreen wiper off.
- fixed intermittent wipe (slow)
- intermittent flick linked to the speed

**LO** constant slow wipe

**HI** constant fast wipe

MIST function




50 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.

WARNING 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. 50 in position O, the windscreen wiper is not activated. In position ▲, the pause time between the strokes of the windscreen wiper is 10 seconds, independently of the car speed. In position ■, the pause time between two strokes is set according to the car 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. 50 turned to position **LO** or **HI**, the smart washing function is not carried out.

WARNING 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)

10) 11)

This is located behind the interior rear-view mirror fig. 51, 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.

51 F1B0907

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 windscreen wiper blades
- difference between day and night

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

WARNING 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 (A) fig. 50 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 windscreens will activate when there is a significant amount of water on the windscreen, while in position ■, the windscreen 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 failure signal remain active during the operation time of the sensor or until the device is reset.

### Inhibition

Moving the ignition device to the STOP position, leaving the ring nut (A) in position ▟ or ■, when the vehicle is next started (ignition device 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.

WARNING 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 (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. 50in 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.
WARNING 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. 50 to set the rear window wiper to operate in the following modes:
❒ continuous: when the 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 windscreen wiper
❒ single stroke: with the selector in the O position, the windscreen wiper is on and reverse gear engaged
Push the stalk towards the dashboard (rocking position) to activate the rear window washer jet. Pushing the stalk automatically activates both the windscreen 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***

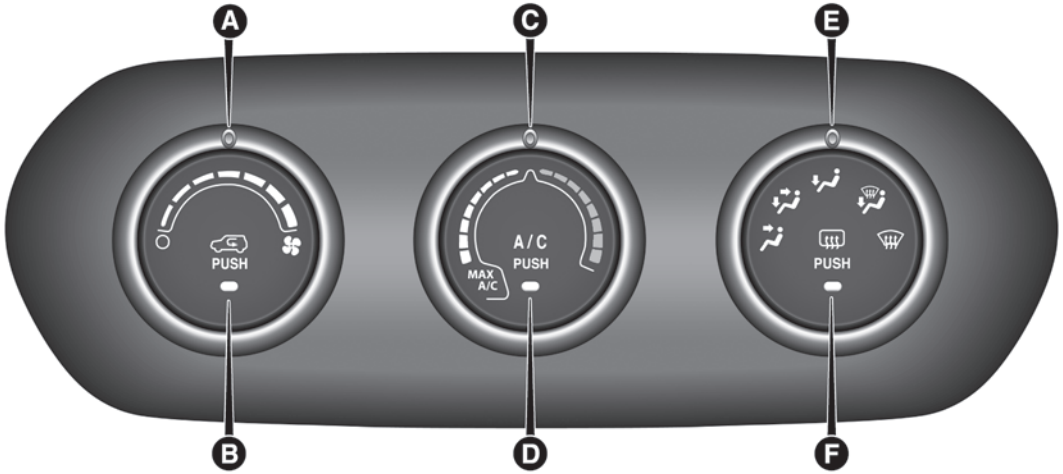
***27)*** *If the window needs to be cleaned, make sure the device is turned off or the ignition button and the key are on STOP.*

***IMPORTANT***

***8)*** *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.*
***9)*** *Do not operate the windscreen wiper with the blades lifted from the windscreen.*
***10)*** *Do not activate the rain sensor when washing the car in an automatic car wash.*
***11)*** *Make sure the device is switched off if there is ice on the windscreen glass.*

# CLIMATE CONTROL SYSTEM

## MANUAL AIR CONDITIONER/ HEATER

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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 climate control 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 compressor.

**Max. cooling (MAX A/C mode)**

To obtain maximum cooling of the passenger compartment move knob C to the position marked by wording MAX A/C.
In this mode the system activates the climate control system and turns the interior air recirculation on (LEDs on (B) and (D) buttons both on). This mode is only possible if knob (A) is at least on the 1st speed and if the air distribution is not directed to the windscreen.
For a fast cooling, turn knob (A) to the max. fan speed and the air flow to the central and side dashboard diffusers.

WARNING Until the knob (C) is in the MAX A/C position it is not possible to switch off the climate control system and the air recirculation: pressing the button (B) or (D) the corresponding LED will flash three times and remain lit.

**Auto On Comfort**

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

## Start&Stop

If the Start&Stop system is activated (engine off and car speed 0 km/h - excluding Mild Hybrid versions) or the “eAuto” mode (for Mild Hybrid versions) the system maintains the air flow selected by the driver.
In these conditions, the passenger compartment cooling and heating cannot be guaranteed, as the climate control compressor stops together with the engine.
To prioritise the operation of the climate control system, deactivate the Start&Stop system by pressing the button, or deactivate the “eAuto” mode, pressing the “e Auto Off” button in the centre of the dashboard. The Start&Stop system is automatically deactivated if the MAX A/C functions is set on the climate control system.

## Additional heater

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

❒ engine running
❒ fan speed set at least to 1 st speed
❒ knob (C) turned completely clockwise to the 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 voltage of the traditional battery.

## System maintenance

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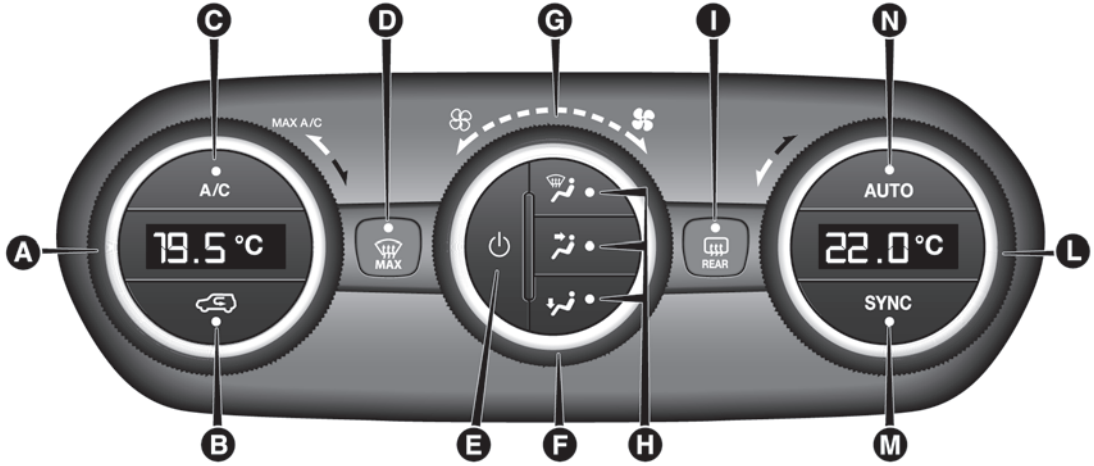
In winter, the climate control system must be turned on at least once a month for about 10 minutes.
Before summer, have the system checked at a Fiat Dealership.

***IMPORTANT***

***5)*** *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.*

## AUTOMATIC DUAL-ZONE CLIMATE CONTROL SYSTEM

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

**Auto On Comfort**

(where provided)

The rear window heater is switched on automatically whenever the engine is started and the external 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

❒ Airflow to the front and rear footwell air 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 distribution allows air to be sent to the windscreen in conditions of strong sunlight

❒ + + Air flow distribution to all diffusers in the car

+ + Air flow distribution to all diffusers in the car.

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.

## SYNC button

Press the SYNC button (LED on button lit) to align the passenger side air temperature with that of the driver side. This function makes temperature regulation easier when the driver is travelling alone.

Turn knob (L) to set the passenger side temperature and return to separate air temperature management.

## Rapid window demisting/defrosting (MAX-DEF function)

Press the **MAX** button to activate (LED on the button switched on) the demisting/defrosting of the lower part of the windscreen (area of the rest

position of the windscreen wiper blades) and the side windows.

The climate control system carries out the following operations:

❒ switches on the climate control compressor when environmental conditions are suitable

❒ turns air recirculation off

❒ sets the maximum air temperature (HI) in both zones

❒ sets a fan speed according to the coolant temperature

❒ directs air flow to the windscreen and front side window vents

❒ turns on the heated rear window

❒ displays the fan speed (LED (G) lit) and the distribution used

WARNING The MAX-DEF function remains on for about 3 minutes from when the engine coolant reaches the appropriate temperature.

When the function is activated, the LED on the AUTO button switches off. With the function activated the only possible manual adjustments are adjusting the fan speed and turning the heated rear window off.

When the , A/C or AUTO buttons are pressed, the climate control system will deactivate the MAX-DEF function.

## 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.

In particular, the climate control system deactivates the Start&Stop if:

❒ the climate control system is in AUTO mode (LED on the button switched on) and the temperature conditions inside the car are far from a comfort temperature

❒ the climate control system is in MAX A/C

❒ the climate control system is set to MAX-DEF

When the Start&Stop system is active (engine off and vehicle speed 0 km/h), the climate control system will request restarting of the engine if the inside temperature conditions rapidly deteriorate (or if the user requests maximum cooling – LO – or quick demisting – MAX-DEF).

With Start&Stop system on (engine off and vehicle speed 0 km/h), the flow is reduced as much as possible, to keep the passenger compartment comfort conditions for longer.

The climate control system control unit attempts to manage the decreased comfort caused by stopping the engine as far as possible (switching off the compressor and engine coolant pump). It is anyway possible to prioritise the operation of the climate control system, deactivating the Stop&Start system by pressing the Ⓐ button, located on the dashboard, in central position.

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

NOTE 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).

## Additional heater

(where provided)

The additional heater activates automatically depending on the environmental conditions and with engine running.

WARNING The heater only operates if the external temperature and heat engine coolant temperature are low.

The heater will not activate if the conventional battery voltage is too low.

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### Mild Hybrid versions

The automatic dual-zone climate control system manages the hybrid system (heat engine off when driving or car at a standstill) in order to guarantee sufficient comfort inside the passenger compartment.

In particular, the automatic dual-zone climate control system inhibits the turning off of the heat engine if:

❒ the climatic conditions inside the passenger compartment are far from a comfort condition

❒ maximum cooling was turned on (MAX A/C function)

❒ rapid window defrosting/de-misting was turned on (MAX-DEF operation)

***IMPORTANT***

***6)*** *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

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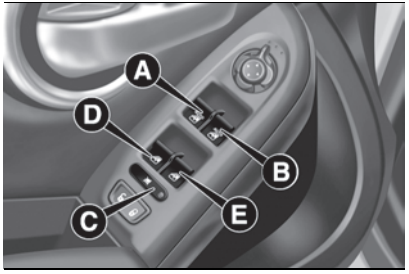
Moving the windows up and down is possible with the ignition device at MAR and for about 3 minutes after the ignition device switches to STOP (or also after the mechanical key has been extracted, for cars equipped with mechanical key with remote control). When one of the front doors is opened this operation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

**Driver side front door controls**

All windows can be controlled from the driver side door panel fig. 54.

❒ A: front left window opening/closing. "Automatic continuous" operation during window opening/closing and anti-pinch system activated;

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❒ 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;

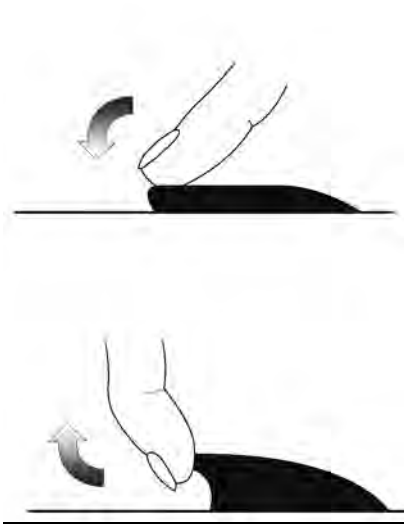
❒ D: left rear window opening/closing (where provided). "Automatic continuous" mode for opening only;

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

**Opening / closing windows**

When any of the buttons on front or rear doors fig. 55 is pressed or raised briefly, the window moves in stages; if the button is held pressed or raised, "continuous automatic" operation is activated.

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.



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**Front window anti-pinch safety device**

(where provided)

This safety system can recognise the presence of any obstacle during the window closing movement.

WARNING If the anti-pinch system is tripped 3 consecutive times within 1 minute, or has failed, automatic window closure is disabled; in this case, the system only allows closing "in stages". To restore the system to correct operation, open the window concerned.

**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***

***28)*** *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.*

## SOFT TOP

(where present)

The car is provided with an automatically actuated electric soft top fig. 56.

The soft top can be opened and closed using the controls inside the car, located near the ceiling light.

The electric soft top can only be operated with the ignition device at MAR.

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**Suggestions**

❒ it is advisable to close the soft top when the car is parked. When closed, the soft top not only effectively protects the passenger compartment from the effects of bad weather, but also protects it from theft

❒ it is advisable to put valuables in the boot and lock the flap even when the soft top is closed

## SOFT TOP MOVEMENT

29) 30) 31)

12) 13) 14)

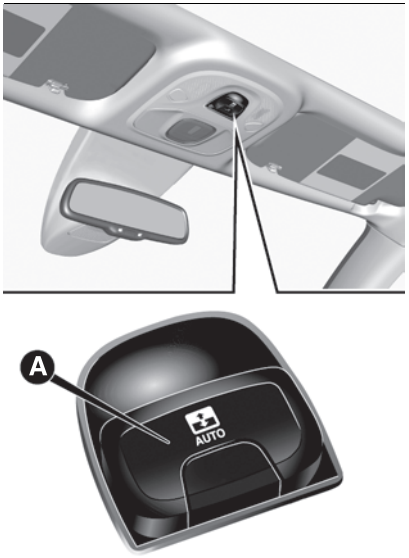
WARNING If moved frequently in a short time, the motor could overheat causing the thermal protection to block the system. Wait for a minute and repeat.

### OPERATION USING THE BUTTONS INSIDE THE CAR

**Opening from roof fully closed position**

Press the button (A) fig. 57 once to open the roof automatically to the all opening position.

Press the button (A) fig. 57 before the roof is fully open to stop it at any intermediate position.

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**Fully opening the roof from an intermediate position**

From an intermediate position, press the button (A) fig. 57 to move the roof automatically to the fully open position.

**Closing the roof from roof fully open position**

Pull the button (A) fig. 57 once to close the roof automatically to about 25 cm from the fully closed position. Keep pulling the button to close it fully (manual closing). Press the button before the roof stops automatically at about 25 cm to stop it at any intermediate position.

**Initial condition: from intermediate position to roof all closed**

From an intermediate position, pull the button (A) fig. 57 to restart the roof moving automatically to the safety position (about 25 cm from the fully closed position).

Pull the button (A) fig. 57 continuously to close the roof fully.

The roof will stop instantly if the button is released before the all closed position is reached.

### WARNINGS

❒ the soft top can be moved at any car speed below 100 km/h

❒ the soft top can be operated at any temperature in the range from -18 to +80 °C

❒ it is recommended to have the engine running always when opening or closing the soft top

❒ if required, remove the conventional battery with the soft top either open or closed, but NOT while it is moving

❒ do not fix luggage transport devices to the soft top and do not travel with objects resting on the open soft top

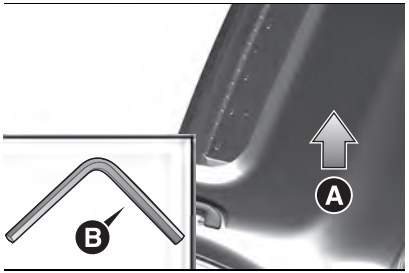
❒ do not put objects on the soft top: they could fall if the it is operated, causing damage and injury

❒ it is advisable to cover the soft top with a protective sheet if the car is left parked in the open for a long time
❒ do not keep the soft top folded for a long time: this could cause folds and creases in the fabric
❒ before moving the soft top, check that there is enough room to carry out the operation and that there are no obstacles or people close to its moving
❒ the cooled air flow into the passenger compartment may decrease if the automatic climate control system is on and the soft top is not completely
❒ with the soft top open and the car travelling, the voice recognition system may not recognise voice commands because of the external noise: with the soft top closed and at a high speed, the voice function for number dialling may not be recognised

### EMERGENCY OPERATION

If the buttons fail, the soft top can be moved manually proceeding as described below:

❒ take the hex wrench (B) fig. 58 provided

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❒ remove the protective cap (A) fig. 58 on the interior trim
❒ introduce the hex wrench (B) in the housing (A)
❒ turn the hex wrench (B): clockwise to open the roof or anticlockwise to close

## INITIALISATION PROCEDURE

The soft top must be reinitialised after disconnecting the conventional battery or if the corresponding protective fuse is blown.

Proceed as follows:

❒ with the ignition device to MAR, pull the closing button until the soft top is completely closed
❒ when the soft top is completely closed, keep the button pulled for at least 10 seconds
❒ keep the opening button pressed until the soft top is completely open
❒ once the all opened position has been reached, continue to press the button until the soft top makes an automatic run until approx. 25 cm from complete closure
❒ the button must be released when automatic closure starts

## WASHING/CLEANING THE SOFT TOP

15) 16) 17) 18) 19) 20) 21) 22)

Use of specific products is recommended for washing the soft top cloth.

The soft top fabric is treated with a special water-repellent, waterproof product. The water-repellent properties will degrade over time with exposure to the weather, so observe the following instructions.

Remove as much dirt from the surface of the soft top with a soft brush or vacuum cleaning before washing it. This operation will considerably improve the final result.

In lack of specific products, use water and neutral soap applied with a sponge (preferably in the shade) for washing. Rinse the soft top with clean water after having eliminated all the stains.

Hand washing is recommended; modern automatic washing systems equipped with soft brushes that do not apply excessive pressure and employ

specific soft top products may be used.

Leave the car in the shade after washing avoiding direct sunlight.

**Waterproofing the soft top**

Use specific waterproofing products for fabric soft tops.

**Interior soft top fabric**

Remove dust with a soft brush. To avoid damaging the fabric beyond repair, do not use stiff synthetic brushes.

Clean the surface with a microfibre cloth or soft sponge dipped in a solution of water and neutral soap.

Clean the entire surface, including the zones where cleaning is not needed, to prevent staining.

Use common, care mild stain removers that can be purchased from car cleaning product ranges to remove more stubborn stains.

Apply by blotting (never rubbing) directly on the area of the stain.

***WARNING***

***29)*** *Keep hands away from the top mechanism while opening and closing the top or if the top stops in a position before completing the cycle to prevent damage and injury.*

***30)*** *Keep children away from the soft top area while it is moving.*

***31)*** *When leaving the car, always remove the key (where provided) from the ignition device to avoid the risk of injury due to inadvertent soft top operation: improper use of the roof can be dangerous. Before and during operation, always check that no-one is at risk of being injured by the moving soft top or by objects getting caught and dragged by it.*

***IMPORTANT***

***12)*** *Never open the top in presence of snow or ice to prevent damage.*

***13)*** *No kind of roof rack or cross bars can be installed.*

***14)*** *Loads may not be secured on the roof.*

***15)*** *Bird droppings and plant resins must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.*

***16)*** *Never use high-pressure washing systems.*

***17)*** *When using steam washers or high-pressure water washers, maintain a suitable distance and do not exceed a maximum temperature of 60°C. Damage, alterations and water infiltration may occur if the distance is too small and the pressure is too high.*

***18)*** *If a water jet is used, direct away from the edges of the fabric and the rear window frame to prevent water infiltration.*

***19)*** *Never use alcohol, petrol, chemical products, detergents, stain removers, wax, solvents and "wash and polish" products.*

***20)*** *Rinse immediately to remove soap to prevent stains. Repeat the operation if needed.*

***21)*** *Follow the instructions on the waterproofing product container for perfect results.*

***22)*** *The rubber seals on the soft top must be cleaned exclusively with water. If you notice that this trim is dry or is sticking, apply talcum powder or products specifically for rubber trim (silicone spray).*

# BONNET

## OPENING

Proceed as follows:

❒ pull the lever (A) fig. 59 in the direction indicated by the arrow


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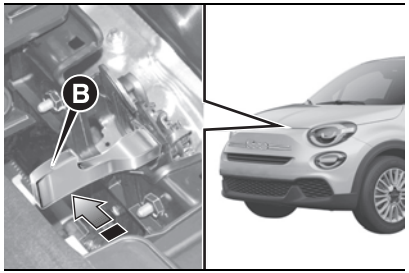
❒ operate lever (B) fig. 60, in the direction indicated by the arrow, and raise the bonnet

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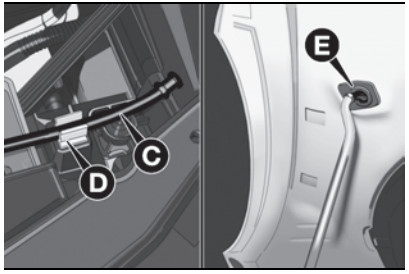
❒ release the supporting rod (C) fig. 61 from its locking device (D), then insert the rod end into the recess (E) of the bonnet

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

⚠ 32) 33) 34)

## CLOSING

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Proceed as follows:

❒ hold the bonnet up with one hand and with the other remove the rod (C) fig. 61 from recess (E) and fit it back into the locking device (D)

❒ lower the bonnet to approximately 40 centimetres from the engine compartment and let it drop. Make sure that the bonnet is completely closed and not only fastened in the safety position. If it is not perfectly closed, do not try to press the bonnet 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**

***32)*** *Perform these operations only when the car is stationary.*

***33)*** *The bonnet may drop suddenly if the supporting rod is not positioned correctly.*

***34)*** *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.*

***35)*** *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

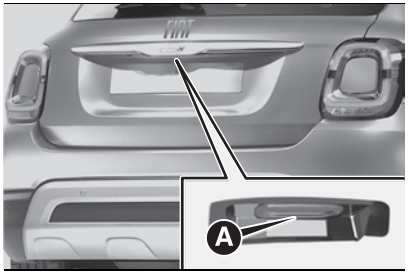
The boot unlocking is electrically operated and is deactivated when the car is in motion.

## OPENING

⚠ 36)

### Opening from the outside

When unlocked, the tailgate can be opened from outside the car using the electric opening button (A) fig. 62 positioned under the handle until the unlocking click is heard or quickly pressing twice the button ×2 / X2 on the remote control.

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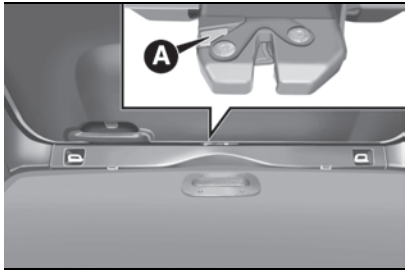
### Emergency opening from the inside

Proceed as follows:

❒ lower the head restraints and fold the backrests

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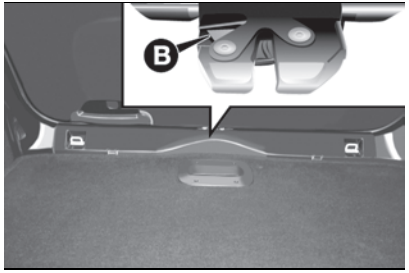
❒ identify and remove the yellow guard (A) fig. 63, which is press-fitted on the lock, using the provided screwdriver
❒ insert the screwdriver in order to activate the (B) fig. 64 mechanical lock tab

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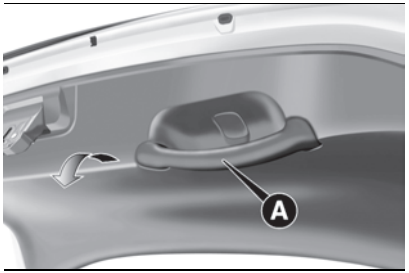
## CLOSING

Grip the handle (A) fig. 65 and lower the tailgate, pressing next to the lock until it clicks.

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WARNING 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

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

❒ close all the doors and the boot
❒ press the "**FIAT**" button on the remote control
❒ press the button on the remote control

## LOAD COMPARTMENT FEATURES

### Reconfigurable load platform

23)

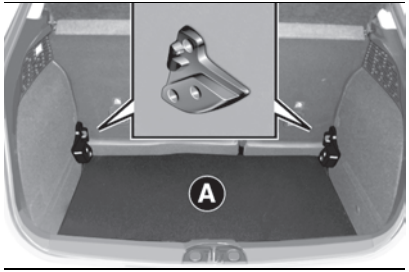
The car is equipped with a reconfigurable load platform A, which makes the boot volume modular:

The load platform can be set to 2 different positions:

❒ **Flush with the floor (low)** fig. 66: allows you to exploit the entire volume of the boot

❒ **At threshold level (high)** fig. 67: in conjunction with the lowering of the rear seat and front passenger side seat backrests, permits long objects to be loaded. It also facilitates loading/unloading of objects in the boot. It also allows the space underneath (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

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

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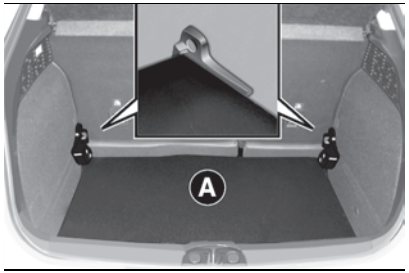


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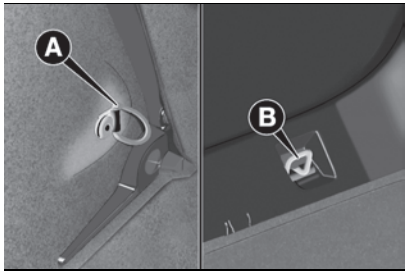
### Anchoring your load

The car can be fitted in the corners of the boot with hooks (not provided with the vehicle) (two at the front (A) fig. 68 and two at the rear (B)) for attaching cables for firmly securing the transported load.




68 F1B0079C

## CARGO BOX

It consists of a preformed box fig. 69, which is located in the boot and can be used to store objects, making it possible to have a flat loading surface.

69 F1B0080C

***WARNING***

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

***IMPORTANT***

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

# INTERIOR FITTINGS

## GLOVE COMPARTMENT

37)

70 F1B0878

## SUN VISORS

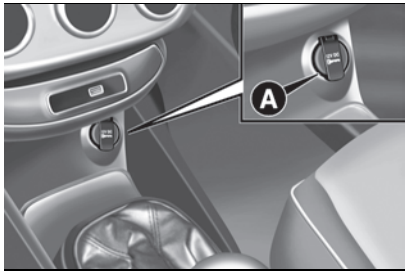
To direct the visor laterally, detach the visor from the interior rear-view mirror side support and turn it towards the side window.


71 F1B0796

## POWER SOCKET

This is located on the central unit and only works with the ignition device in

the MAR position. To use it, open cap (A) fig. 72.

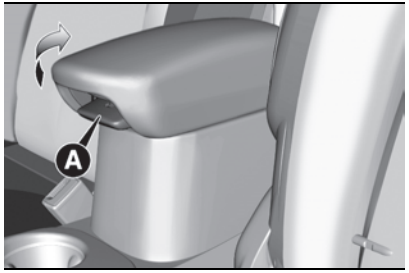



72 F1B0735

WARNING Do not connect devices with powers higher than 180W to the socket. Do not damage the socket by using unsuitable adaptors.

## SLIDING FRONT ARMREST

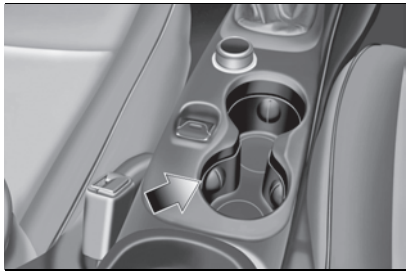
(where provided)




73 F1B0507C

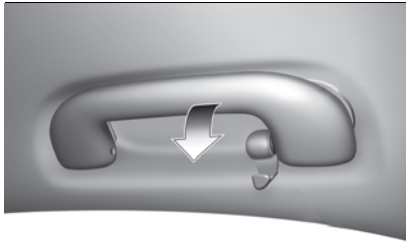
There is a storage compartment inside the armrest: operate the lever (A) fig. 73 to access and raise the armrest. A second USB port is provided inside the armrest on some versions.

## CUP / CAN HOLDER



74 F1B0087C

## GRAB HANDLES

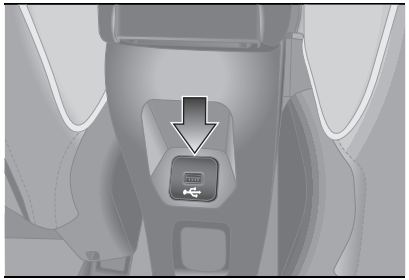


75 F1B0880

## USB INPUT

(where provided)

There may be a USB port fig. 76 on the back of the central console for transferring data to the **Uconnect™** system and for slow recharging of external devices.



76 F1B0734

WARNING After using a USB charging port, we recommend disconnecting the device (smartphone), always removing the cable from the port of the car first, never from the device. Cables left flying or connected incorrectly could compromise correct recharging and/or the USB socket condition.

NOTE The USB port handles 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.

**WARNING**

***37)*** *Do not travel with the storage compartments open: they may injure the front seat occupants in the event of an accident.*

## ROOF RACK/SKI RACK

On some versions, the car might be equipped with two longitudinal bars which, with the addition of special accessories, can be used to carry various objects (e.g. skis, surfboards, bikes, etc.).

38)

24) 25)

### Crossbars

The crossbars can only be installed when the longitudinal bars are present. Refer to the instructions provided by the manufacturer of the purchased crossbars for installation.

For further information, contact a Fiat Dealership.

**WARNING**

***38)*** *Before driving, make sure that the transversal bars have been fitted properly.*

**IMPORTANT**

***24)*** *Never exceed the maximum permitted loads (see the "Weights" paragraph in the "Technical specifications" chapter).*

***25)*** *Fully comply with the regulations in force concerning maximum clearance.*

## ENVIRONMENTAL PROTECTION SYSTEMS

### PETROL VERSIONS

The systems used for reducing petrol engine emissions are: catalytic converter, lambda sensors, fuel evaporation control system and GPF particulate filter (where provided).

### Gasoline particulate filter (GPF)

(where provided)

The Gasoline Particulate Filter is a mechanical filter, integral to the exhaust system, which physically traps carbon particles present in the exhaust gases and regenerates automatically by burning the carbon particles during low speed manoeuvres.

Driving performance of the car at slow speed may worsen slightly during regeneration.

These are not faults; they do not impair normal car performance or damage the environment.

### DIESEL VERSIONS

The systems used for reducing diesel engine emissions are: exhaust gas recirculation system (EGR), oxidising catalytic converter (DOC), selective nitrogen oxide catalytic converter with AdBlue® (SCR) and particulate filter (DPF).

39)

### Diesel particulate filter (DPF)

(where provided)

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

Since this filter physically traps particulate, it should be periodically regenerated (cleaned) at regular intervals by burning carbon particles.

During the regeneration there may be a limited increase in the engine idle speed, fan activation, a limited increase in fumes and high temperatures at the exhaust.

These are not faults; they do not impair normal car performance or damage the environment.

**WARNING**

*39) The catalytic converter and particulate filter (DPF) reach very high temperatures during operation. Therefore do not park the vehicle on flammable materials (e.g. grass, dry leaves, pine needles, etc.): fire hazard.*

## RED SPECIAL SERIES

(where provided)

**Some components of the car underwent antimicrobial treatments, as detailed below. No specific precautions are required for the normal use of the car and components treated with biocide substances.**

The reconfigurable load platform was treated with a biocide substance having antiviral properties based on the the active ingredient Silver Chloride.

The seat fabric was treated with a biocide substance with antiviral and antibacterial properties based on the active ingredient Alkyl (C12-C16) Dimethylbenzyl Ammonium Chloride.

The steering wheel upholstery was treated a with biocide substances with antibacterial and antifungal properties based on the active ingredients Zinc Pyrithione and Thiabendazole.

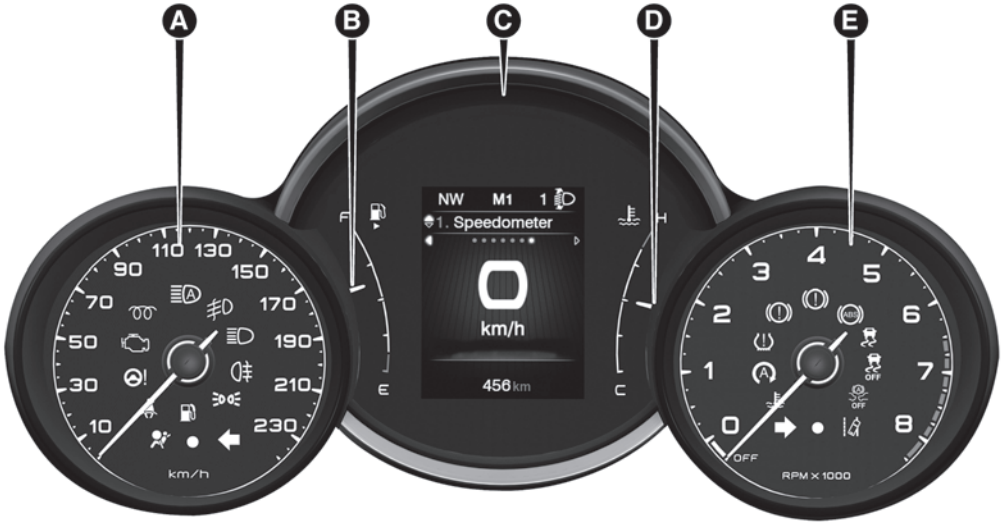
The air cleaner of the climate control system was treated with a biocide substance having antibacterial and antiviral properties based on the active ingredient Citric Acid.

# KNOWING THE INSTRUMENT PANEL

*This section of the handbook provides all information that is useful for getting to know, interpreting, and using the instrument panel correctly.*

# INSTRUMENT PANEL FEATURES

**Diesel and petrol versions**



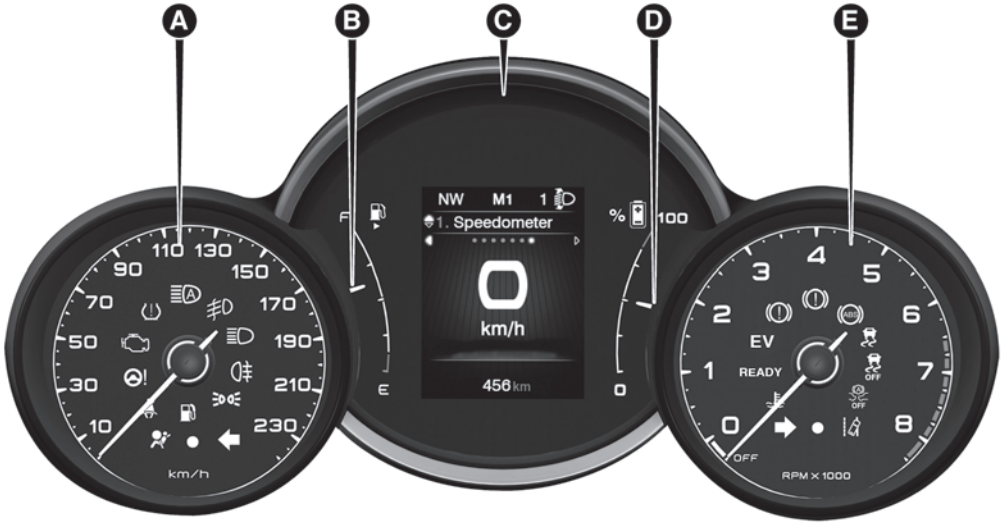

77 F1B0640

A. Speedometer B. Fuel level digital gauge with reserve warning light C. Display D. Digital engine coolant temperature gauge with overheating warning light E. Tachometer

ϖ Warning light present on Diesel versions only.

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

## Mild Hybrid versions




78 F1B0856

A. Speedometer B. Fuel level digital gauge with reserve warning light C. Display D. Digital auxiliary battery charge level indicator E. Tachometer

### INSTRUMENT PANEL LIGHT ADJUSTMENT (brightness sensor)

(versions with colour display)

Versions with colour display are equipped with a brightness sensor (fitted inside the instrument panel) capable of detecting ambient light conditions and adjusting the brightness of the instrument panel accordingly.

### DIGITAL AUXILIARY BATTERY CHARGE LEVEL INDICATOR

(Mild Hybrid versions)

The digital indicator (A) fig. 79 shows the charge level of the auxiliary battery of the hybrid system.


79 F1B0857

## DISPLAY

### DESCRIPTION

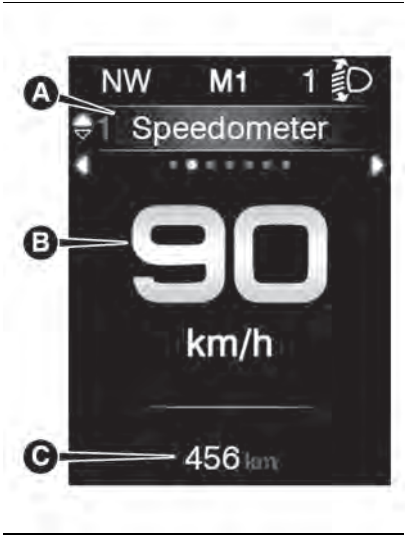
The car is equipped with a display that can show useful information to the driver while driving.

The display fig. 80 will show the following information:

❒ **A**: time, Gear Shift Indicator (where provided), shift gear (versions with automatic transmission only), external temperature, compass readings (where provided), date

❒ **B**: car speed, warning messages/any failure indications

❒ **C**: total kilometres (or miles) run and icons of any failure warnings




80 F1B0651

### 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. 81.
They allow the driver to select and interact with the items in the “Main menu” of the display (see the "Main menu” paragraph):


81 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
**Accessing the submenus**: after having selected the wished menu item press the ▷ button to access the various submenus.
**Exiting the main menu**: press the ◁ button.

## MAIN MENU

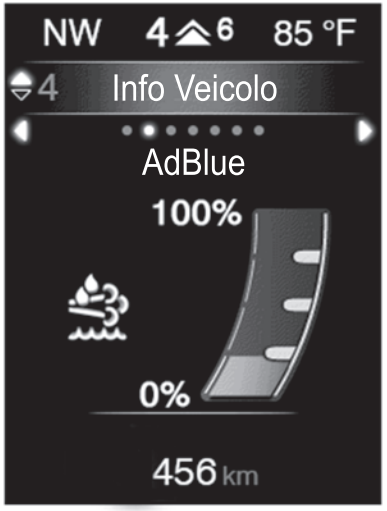
The Menu includes the following items:
❒ SPEED
❒ TRIP
❒ GSI
❒ VEHICLE INFO
❒ HYBRID INFO (only Mild Hybrid versions)
❒ DRIVER ASSIST
❒ AUDIO
❒ PHONE
❒ NAVIGATION
❒ ALERTS
❒ VEHICLE SETUP

### Vehicle info

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

### *AdBlue*

This screen fig. 82 shows the level of AdBlue® in the tank expressed as a percentage.




82 F1B0761

### Hybrid Info (Hybrid System Information)

(Mild Hybrid versions only)
This Menu item allows you to view information on the instrument panel display concerning:
❒ "Efficiency Coach"
❒ "Charge / Power"

**Efficiency Coach**

The "Efficiency Coach" function provides the driver with "visual awareness" through the indications on the instrument panel display on how to achieve maximum energy efficiency while driving.

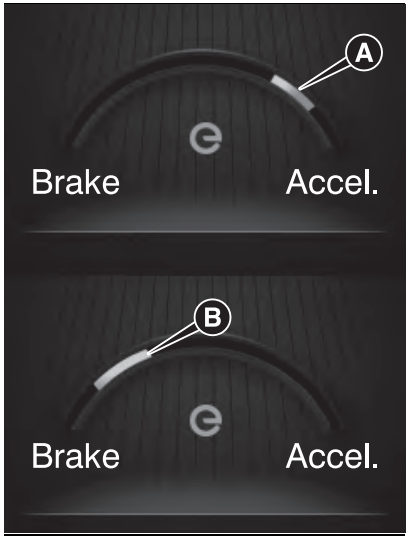
The display varies according to the following conditions:

❒ if the driver accelerates/brakes efficiently or, after reaching a certain speed, he does not act on the accelerator and/or brake pedal, the following screen will appear on the display, fig. 83 and the indicator (A) is in the central position

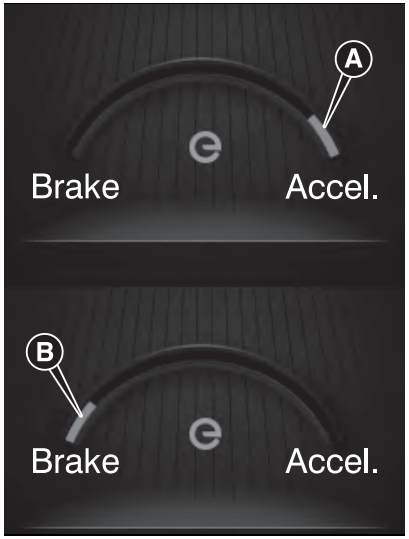
❒ during acceleration and braking, the most efficient operation will be represented with the green indicator fig. 83, whereas the less efficient operation will be represented with the yellow indicator in the intermediate position (A) and (B) fig. 84, followed by orange with the indicator at full scale, when the efficiency level decreases fig. 85

Driving the car in optimal conditions is achieved when the letter "**e**" and the graphic indication on the graphic bar are shown in green in the middle of the display screen.


83 F1B0874




84 F1B0882




85 F1B0883

**Charge / Power**

The "Charge / Power" function shows the instantaneously available on the instrument panel display.

The (A) **red** fig. 86 outer graphic ring displays the power available at that moment from the heat engine.

The **light blue** inner graphic ring (B) fig. 86 represents the electric motor power output available during the acceleration phase and the input power during the regeneration phase.

The charge/power indications are only displayed when the car is ready for driving.


86 F1B0875

The instrument panel display varies according to the following conditions:

❒ if the auxiliary battery **is not charging**, only one graphic notch will be shown on the display for each sector ("Charge" and "Power")

❒ if the auxiliary battery is **charging**, the left side of the screen will be highlighted on the display fig. 87

❒ if the auxiliary battery is in **"Power"** mode, the right side of the screen will be highlighted on the display fig. 88


87 F1B0876


88 F1B0877

***"Load" display***

The **light blue** charging indicator grows towards the left when the regeneration phase is in progress or when the heat engine is charging the auxiliary battery.

***"Power" display***

The power is shown on the instrument panel display by filling the engine and/or battery section (when both are operating in "HYBRID" mode) from the top right centre, depending on the power source used. The two indicators will move independently.

**Phone**

This Menu item allows some information displayed on the **Uconnect™** system to be repeated on the instrument panel display (for further information see the dedicated chapter). The following information is displayed:

❒ mobile phone connected/disconnected
❒ phone call list

**Alerts (Stored messages)**

This menu item displays information/failure messages stored by the system.

**Vehicle setup (Change car settings)**

This menu item allows you to change the settings for:

❒ Display
❒ Safety
❒ Safety / Assistance

***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".

***Safety***

Select item "Safety" 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 protection active**: the **ON** LED on the dashboard comes on

❒ **passenger protection not active**: the **OFF** LED on the instrument panel dashboard comes on

***Safety / Assistance***

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

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

The "Trip computer" is used to display information on car operation when the ignition device is at MAR.
This function has two separate memories, "Trip A" and "Trip B", where the data for the car's "complete journeys" (trips) is recorded independently from each other.
The "Instant information" screens show the following quantities:
❒ Current 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) To reset the values, press and hold down the **OK** fig. 89 button on the steering wheel.
NOTE “Range” and “Instantaneous fuel consumption" parameters cannot be reset.
NOTE With the "Idle Coasting" function active, the instrument panel does not show the instantaneous consumption.

## VALUES DISPLAYED

### Distance Travelled

This value shows the distance travelled from the start of the new journey.

### Average fuel consumption

This value shows the approximate average fuel consumption from the start of the new journey.

### Average Speed

This value indicates the average consumption from the start of the new mission.

### Travel Time

Time elapsed since the start of the new journey.

## "OK" BUTTON

*Brief button press*: display various values.

*Long button press*: reset parameters and start a new mission.

### New mission

This begins after resetting:
❒ “manually” by pressing the **OK** button


89 F1B0726

❒ “automatic” resetting, when the “trip distance” reaches 99999.9 km or when the “trip time” reaches 999:59 (999 hours and 59 minutes)
❒ after disconnecting/reconnecting the conventional battery

# EOBD SYSTEM (European On Board Diagnosis)

(where provided)

## OPERATION

The EOBD (European On Board Diagnosis system) carries out a continuous diagnosis of the components of the car related to emissions.
It also alerts the driver, by switching on the warning light on the instrument panel, when these components are no longer in peak condition (see “Warning lights and messages” paragraph in this chapter).
The aim of the EOBD system (European On Board Diagnosis) is to:
❒ monitor system efficiency;
❒ indicate an increase in emissions;
❒ indicate the need to replace damaged components.
The car also has a connector, which can interface with appropriate tools, that makes it possible to read the error codes stored in the electronic control units together with a series of specific

parameters for engine operation and diagnosis. This check can also be carried out by the traffic police.

WARNING After eliminating the anomaly, to check the system completely, a Fiat Dealership is obliged to run tests and, if necessary, road tests which may also require a long journey.

WARNING The instrument panel warning light/symbol can be accompanied by a dedicated message and/or acoustic warning where applicable. These indications are indicative and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner Handbook, which you are advised to read carefully in all cases. Always refer to the information in this section in the event of a failure indication.
WARNING The failure indications that appear on the display 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<br>**Low brake fluid level**<br>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.<br><br>**Electric parking brake on**<br>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<br>  yellow | EBD FAILURE<br>The simultaneous switching on of the (!) (red) and ABS (amber) warning lights with the engine on indicates either a failure of the EBD system or that the system is not available. In this case, the rear wheels may suddenly lock and the vehicle may swerve when braking sharply. Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately. |

| Warning light | What it means |
|---|---|
|  red | ELECTRONIC ALARM<br>The warning light turns on when the electronic alarm is activated (deterrent function). |
|  red | SEAT BELTS REMINDER<br>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 | AIRBAG FAILURE<br>If the warning light switches on constantly, this indicates a failure in the airbag system. ⚠ **40) 41)** |
|  red | ENGINE COOLANT TEMPERATURE TOO HIGH<br>The warning light (or the icon on the display on some versions) switches on when the engine is overheated.<br>**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.<br>**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<br>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. Contact a Fiat Dealership as soon as possible. |

| Warning light | What it means |
|---|---|
|  yellow | iTPMS<br>**iTPMS failure**<br>When an iTPMS failure is detected, the warning light flashes for 75 seconds, then is continuously on. This also happens if there are one or more wheels without sensors, until initial conditions are restored.<br>WARNING Do not continue driving with one or more flat tyres as handling may be compromised. Stop the car, 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.<br><br>**Low tyre pressure**<br>The warning light switches on to indicate that the tyres pressure is lower than the recommended value and/or that a slow pressure loss is occurring. In these cases, optimal tyre duration and fuel consumption may not be guaranteed.<br>It is ESSENTIAL to refer to the "Wheels" section of the "Technical Data" chapter and comply strictly with the information it contains.<br>Once the normal operating conditions of the car are restored, carry out the "Reset" procedure.<br>IMPORTANT Do not continue driving with one or more flat tyres as the car handling may be compromised. Stop the car, avoiding sharp braking and steering. |
|  yellow | ABS FAILURE<br>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<br>**ESC system activation**<br>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.<br><br>**ESC system failure**<br>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.<br><br>**Hill Hold Control system failure**<br>The warning light turns on to indicate a Hill Holder Control system failure. Contact a Fiat Dealership as soon as possible. |

| Warning light | What it means |
|---|---|
|  yellow | PARTIAL / TOTAL DEACTIVATION OF ACTIVE SAFETY SYSTEMS<br>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<br>The warning light switches on when the rear fog light is turned on. |
|  yellow | ELECTRIC PARKING BRAKE FAILURE<br>The warning light switches on when electric parking brake failure is detected. Contact a Fiat Dealership as soon as possible. 42) |
|  yellow | INJECTION / EOBD SYSTEM FAILURE<br>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. 26)<br>**Injection system failure**<br>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. The warning light switches off if the malfunction disappears, but is still stored by the system. Under these conditions, you 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.<br>**Catalytic converter damage**<br>If the warning light flashes, it means that the catalytic converter may be damaged.<br>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. |

| Warning light | What it means |
|---|---|
|  yellow | AdBlue® (UREA) INJECTION SYSTEM FAILURE (Diesel versions)<br>(where provided)<br>The warning light appears if a fluid not conforming with nominal features is introduced or if an average AdBlue® (UREA) consumption of over 50% is detected.<br>Contact a Fiat Dealership as soon as possible.<br>If the problem is not solved, a dedicated 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 are left before you will no longer be able to restart the engine, a continuous dedicated message will appear on the dashboard display (for versions/market, where provided) accompanied by an acoustic warning.<br><br>HYBRID SYSTEM FAILURE (Mild Hybrid versions)<br>If the warning light remains on, or it switches on while driving, there is a hybrid system failure. In this condition, the state of charge of the auxiliary battery is not shown.<br>In this case, contact a Fiat Dealership as soon as possible. |
|  yellow | LANE ASSIST SYSTEM<br>The warning light switches on as follows:<br>*Warning light continuously on (white):* the system is activated, but the lane limits were not detected (the lane lines are grey).<br>*Warning light on and flashing (amber):* the car has approached the lane line and is about to pass it.<br>*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)<br>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.<br>WARNING In mild or high temperature conditions, the warning light comes on for a very short time only.<br>GLOW PLUG PREHEATING FAILURE (Diesel versions)<br>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<br>The warning light or icon in the display illuminates if the Full Brake Control system is deactivated, if the system is temporarily unavailable or if the system is obstructed/dirty/unavailable. |

| Warning light | What it means |
|---|---|
|  yellow | FUEL RESERVE / LIMITED RANGE<br>This warning light or the icon on the display comes on when about 5 to 7 litres of fuel are left in the tank.<br>27) |

| Warning light | What it means |
|---|---|
|  green | SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS<br>The warning light switches on when the side/tail lights or dipped headlights are turned on.<br>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). |
|  green | AUTOMATIC MAIN BEAM HEADLIGHTS<br>This warning light comes on when the automatic main beam headlights are activated. |
|  green | FOG LIGHTS<br>The warning light comes on when the front fog lights are turned on. |
|  green | LEFT DIRECTION INDICATOR<br>The warning light switches on when the direction indicator stalk is moved downwards or, together with the right direction indicator, when the hazard warning light button is pressed. |
|  green | RIGHT DIRECTION INDICATOR<br>The warning light switches on when the direction indicator stalk is moved upwards or, together with the left direction indicator, when the hazard warning light button is pressed. |

| Warning light | What it means |
|---|---|
|  green | START&STOP SYSTEM ACTIVATION<br>The warning light appears to indicate that Start&Stop system is activated (heat engine off). When the engine is restarted the warning light switches off (for the heat engine restarting modes see the "Start&Stop system" paragraph in the "Starting and driving" chapter). |
|  green | CAR READY TO START (Mild Hybrid versions)<br>This warning light displayed indicates to the driver that the car is ready to move. As long as the "READY light is displayed on the instrument panel, it does not matter whether the heat engine is started or not, the vehicle's propulsion is always available.<br>When the car is moving, the warning light turns off: if the warning light remains on with steady light or flashing light, contact the Fiat Dealership. |
|  green | ELECTRIC DRIVING MODE (Mild Hybrid versions)<br>The warning light comes on in the case of electric driving. |

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

| | What it means |
|---|---|
|  | BRIGHTNESS SENSOR<br>This sensor measures the light in the passenger compartment and autonomously adjusts the instrument panel brightness. |

## SYMBOLS ON THE DISPLAY

| Symbol | What it means |
|---|---|
|  red | LOW ENGINE OIL PRESSURE<br>The symbol switches on in the case of insufficient engine oil pressure. 28)<br>WARNING Do not use the car 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 | AIRBAG FAILURE<br>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<br>The symbol switches on when the engine bonnet is not properly shut. Close the bonnet properly. |
|  red | TAILGATE NOT PROPERLY SHUT<br>The symbol switches on when the liftgate is not properly shut. Close the liftgate correctly. |
|  red | AUTOMATIC TRANSMISSION FAILURE / DUAL CLUTCH AUTOMATIC TRANSMISSION FAILURE<br>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. 29) |
|  red | ALTERNATOR FAILURE<br>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<br>The symbol switches on when one or more doors are not completely shut. An acoustic warning is activated with the doors open and the car moving. Close the doors properly. |
|  red | TRACTION BATTERY FAILURE (Mild Hybrid versions)<br>The symbol appears on the instrument panel display in case of traction battery failure. Contact a Fiat Dealership. |

| Symbol | What it means |
|---|---|
|  red | ELECTRICAL-HYBRID SYSTEM FAILURE (Mild Hybrid versions)<br>The symbol appears on instrument panel display in case of hybrid-electric system failure. Contact a Fiat Dealership. |
|  red | DAA SYSTEM (Drive Attention Assist) INTERVENTION<br>The symbol comes on in the event of a DAA (Driver Attention Assist) system intervention. The system, after estimating the driver's drowsiness level, through specific events, suggests to the driver to stop for a break, because continuing driving is risky. Stop to pause while driving, pulling the car over in safe conditions.<br>29) |
|  yellow | DAA SYSTEM (Drive Attention Assist) FAILURE<br>The symbol comes on in the event of a DAA (Driver Attention Assist) system failure. Contact a Fiat Dealership. |
|  OFF yellow  yellow | FULL BRAKE CONTROL SYSTEM FAILURE<br>The symbols comes on in the event of a Full Brake Control system failure. Contact a Fiat Dealership as soon as possible. |
|  yellow | LANE ASSIST SYSTEM FAILURE<br>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<br>**Fiat CODE system failure**<br>The symbol switches on to indicate a failure of the Fiat CODE system. Contact a Fiat Dealership as soon as possible.<br>**Break-in attempt**<br>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. |

| Symbol | What it means |
|---|---|
|  yellow | FUEL CUT-OFF SYSTEM OPERATION<br>The symbol switches on in the event of fuel cut-off system intervention.<br>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<br>The symbol switches on in the event of fuel cut-off system failure. Contact a Fiat Dealership as soon as possible. |
|  yellow | AUTOMATIC TRANSMISSION FLUID OVERHEATING / DUAL CLUTCH AUTOMATIC TRANSMISSION FLUID OVERHEATING<br>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. |
|  yellow | SOUND SYSTEM FAILURE<br>The symbol switches on to report a failure of the sound system. Contact a Fiat Dealership as soon as possible. |
|   yellow | DUSK SENSOR FAILURE<br>The symbol switches on in the case of failure of the dusk sensor. Contact a Fiat Dealership as soon as possible. |
|  yellow | RAIN SENSOR FAILURE<br>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<br>The symbol switches on to report a failure of the Start&Stop system. Contact a Fiat Dealership as soon as possible. |

| Symbol | What it means |
|---|---|
|  yellow | KEYLESS ENTRY / KEYLESS GO SYSTEM FAILURE<br>The symbol lights in the event of a Keyless Entry / Keyless Go system failure. Contact a Fiat Dealership as soon as possible. |
|  yellow | POSSIBLE ICE ON ROAD<br>The symbol turns on when the external temperature falls to or below 3°C.<br>IMPORTANT In the event of external temperature sensor failure, the digits that indicate the value are replaced by dashes. |
|  yellow | SPEED LIMITER FAILURE<br>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. |
|  yellow | EXTERNAL LIGHTS FAILURE<br>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).<br>The anomaly may be caused by a blown bulb, a blown protection fuse or an interruption of the electrical connection. |
|  yellow | AUTOMATIC MAIN BEAM HEADLIGHTS FAILURE<br>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)<br>The symbol switches on constantly while driving, along to indicate the presence of water in the diesel filter. 30) |

| Symbol | What it means |
|---|---|
|  <br>yellow | DPF CLEANING (particulate trap) in progress (diesel versions with DPF only)<br>The symbol switches on constantly while driving, along to indicate the presence of water in the diesel filter. (where provided)<br>The symbol switches on constantly to indicate that the DPF system needs to eliminate the trapped pollutants (particulate) through the regeneration process.<br>**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 car in motion until the regeneration process is over.<br>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.<br>When this symbol switches on, it does not indicate a fault and thus it should not be taken to a workshop.<br>**WARNING Failure to follow the procedure provided for when the DPF warning light comes on for a mileage equal to or greater than 30 km or for a cumulative time equal to or greater than 2 hours, may result in the warning light coming on with consequent damage to the DPF device. Remember that if the warning light is on, it is necessary to go to the Dealership to restore the correct function of the DPF.** 31) |
|  <br>yellow | GPF CLEANING (PARTICULATE TRAP) IN PROGRESS (petrol versions with GPF only)<br>(where provided)<br>The symbol switches on constantly to indicate that the GPF system needs to eliminate the trapped pollutants (particulate) through the regeneration process.<br>The symbol does not light up on during every GPF regeneration, but only when driving conditions require that the driver is notified.<br>To turn off the symbol, keep the car 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).<br>Keep speed above 60 km/h, on extra-urban routes, with engine speed above 2000 rpm, until the symbol turns off. When this symbol switches on, it does not indicate a fault and thus it should not be taken to a workshop. |
|  <br>yellow | GPF FAILURE (PARTICULATE TRAP) (petrol versions with GPF only)<br>(where provided)<br>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).<br>Contact a Fiat Dealership as soon as possible. |

| Symbol | What it means |
|---|---|
|  yellow | INDICATION OF AdBlue® (UREA) DIESEL EMISSIONS ADDITIVE LOW LEVEL<br>(where provided)<br>The AdBlue® (UREA) Diesel Emissions Additive low level symbol lights when the AdBlue® (UREA) level is low.<br>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 car. |
|  yellow | FUEL LEVEL SENSOR FAILURE<br>The symbol switches on in the event of fuel level sensor failure. Contact a Fiat Dealership. |
|  yellow | DECAYED ENGINE OIL<br>(where provided)<br>**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.<br>The symbol is displayed until the problem is solved.<br>**Petrol versions**: the symbol switches on and then is not displayed when the display cycle is completed.<br>WARNING 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.<br>If the symbol flashes, this does not mean that there is a fault on the car, rather it simply reports that it is now necessary to change the oil as a result of regular use of the car.<br>The deterioration of engine oil is accelerated by using the car for short drives, preventing the engine from reaching operating temperature.<br>Contact a Fiat Dealership as soon as possible. **32) 33)** |
|  yellow | ENGINE OIL PRESSURE SENSOR FAILURE<br>The symbol switches on in the event of engine oil level sensor failure. |
|  yellow | TRAFFIC SIGN RECOGNITION SYSTEM FAILURE (where provided)<br>The symbol comes on in the event of a Traffic Sign Recognition system failure.<br>Contact a Fiat Dealership as soon as possible. |

| Symbol | What it means |
|---|---|
|  yellow | ADAPTIVE CRUISE CONTROL (ACC) FAILURE<br>(where provided)<br>The symbol lights up to indicate an Adaptive Cruise Control (ACC) failure. Contact a Fiat Dealership. |
|  yellow | SCHEDULED SERVICING (SERVICE)<br>The “Service Schedule” includes car 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.<br>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.<br>Go to a Fiat Dealership, where the "Scheduled Servicing Plan" work will be performed and the message will be reset. |
|  yellow | HYBRID SYSTEM TRACTION BATTERY (48V) DISCONNECTION (Mild Hybrid versions)<br>This symbol appears to indicate a hybrid system failure due to the disconnection of the traction battery (48V). In this case, the state of charge of the traction battery is not shown on the display. Contact a Fiat Dealership as soon as possible. |
|  yellow | PEDESTRIAN ACOUSTIC WARNING SYSTEM FAILURE (Mild Hybrid versions)<br>This symbol is shown on the instrument panel display in case of failure of the pedestrian acoustic warning. Contact a Fiat Dealership. |
|  green | INTELLIGENT SPEED ASSIST SYSTEM ACTIVATION (where provided)<br>The symbol comes on in the event of a Intelligent Speed Assist system failure. |
|  green | ELECTRONIC CRUISE CONTROL<br>The symbol comes on in the event of a Cruise Control system failure. |
|  green | SPEED LIMITER<br>The symbol comes on in the event of a Speed Limiter system failure. |

| Symbol | What it means |
|---|---|
|  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<br>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<br>The symbol appears when the electronic Cruise Control is turned on. |
|  white | SPEED LIMITER<br>The symbol switches on if the Speed Limiter device is activated. |

## Messages on the display

| Message on display | |
|---|---|
| BLIND SPOT ASSIST | BLIND SPOT ASSIST SYSTEM<br>**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.<br>**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 traditional battery or other failures on the electrical system. Contact a Fiat Dealership as soon as possible to have the electrical system checked.<br>**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 (Dynamic Steering Torque) SYSTEM<br>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)<br>**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.<br>**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 conventional battery or other faults of the electrical system. Contact a Fiat Dealership as soon as possible. |
| LANE ASSIST | LANE ASSIST SYSTEM<br>**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<br>**Activation**: the system activation is signalled by a message on the display. In this case, the LED on the button is off.<br>**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)<br>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.<br>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.<br>Go to a Fiat Dealership, where the "Scheduled Servicing Plan" work will be performed and the message will be reset. |
| | INDICATION OF AdBlue® (UREA) DIESEL EMISSIONS ADDITIVE LOW LEVEL (where provided)<br>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.<br>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.<br>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.<br>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. 34) |

## Messages shown on the display (Mild Hybrid version)

Some messages can be shown on the instrument panel display (related to the operating mode of the Mild Hybrid system or generic warning messages).

| Message on the display | What it means |
|---|---|
| **"eAuto" mode on/off messages** | Messages will appear on the instrument panel display if "eAuto" mode is turned on/off. |
| **"eAuto" mode not available messages** | Messages are shown on the instrument panel display if "eAuto" mode is not available, with the gear lever of the electrified dual clutch automatic transmission in "sequential" driving mode (for more information, see the "Electrified dual clutch automatic transmission" chapter in the "Starting and driving" section). |

***WARNING***

***40)*** *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.*
***41)*** *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.*
***42)*** *If a failure is present with sharp braking, the rear wheels may lock and the vehicle may swerve.*

***IMPORTANT***

***26)*** *If, turning the ignition device to MAR, the warning light does not switch on, or switches on constantly or flashes when driving, contact a Fiat Dealership as soon as possible*
***27)*** *If the warning light (or the icon on the display) flashes while driving, contact a Fiat Dealership.*
***28)*** *If the symbol switches on while driving, stop the engine immediately and contact a Fiat Dealership.*
***29)*** *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.*
***30)*** *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.*

***31)*** *Vehicle travel speed should always be adapted to the traffic and weather conditions, and must always comply with traffic regulations. The engine can be stopped even if the 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.*

***32)*** *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.***

***33)*** *If the symbol flashes while driving, contact a Fiat Dealership.*

***34)*** *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 car 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.

⚠ 43) 44) 45) 46) 47) 48) 49)

## 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 car.

The ESC system uses sensors installed on the car to determine the trajectory that the driver intends to follow and compares it with the car's effective trajectory. When the real trajectory deviates from the desired trajectory, the ESC system intervenes to counter the car'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 car is turning less than it should according to the angle of the steering wheel.

### System intervention

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

⚠ 50) 51) 52) 53) 54)

## 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 drive torque transferred to the wheel that is not 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 flashing of the instrument panel warning light, to inform the driver that the car is in critical stability and grip conditions.

⚠ 55) 56) 57) 58) 59)

## PBA (Panic Brake Assist) SYSTEM

(where provided)

The PBA system is designed to improve the car'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.

⚠ 60) 61) 62)

## HSA (Hill Start Assist) SYSTEM

This is an integral part of the ESC system and facilitates starting on slopes, activating automatically in the following cases:

❒ *uphill*: car 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*: car 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 drive 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.

⚠ 63) 64)

## DST (Dynamic Steering Torque) SYSTEM

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.

⚠ 65)

## ERM (Electronic Rollover Mitigation) SYSTEM

The system monitors the tendency of the wheels to rise from the ground if the driver performs extreme manoeuvres like quick steering to avoid an obstacle, especially in poor road conditions.

If these conditions occur, the system intervenes on the brakes and engine power to reduce the possibility that the wheels are raised from the ground. It is not possible to avoid tendency to roll over if the phenomenon is due to reasons such as driving on high side gradients, collision with objects or other cars.

⚠ 66)

## 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.

⚠ 67) 68)

**WARNING**

***43)*** *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.*

***44)*** *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.*

***45)*** *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.*

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

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

***48)*** *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.*

***49)*** *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.*

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

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

***52)*** *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.*

***53)*** *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.*
***54)*** *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.*
***55)*** *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.*
***56)*** *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.*
***57)*** *The TC system cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.*
***58)*** *The TC system cannot prevent accidents, including those due to excessive speed on corners, driving on low-grip surfaces or aquaplaning.*
***59)*** *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.*
***60)*** *The PBA system cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.*
***61)*** *The PBA system cannot prevent accidents, including those due to excessive speed on corners, driving on low-grip surfaces or aquaplaning.*
***62)*** *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.*
***63)*** *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).*
***64)*** *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.*
***65)*** *DST is an aid for driving and does not relieve the driver of responsibility for driving the car.*
***66)*** *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.*
***67)*** *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).*
***68)*** *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

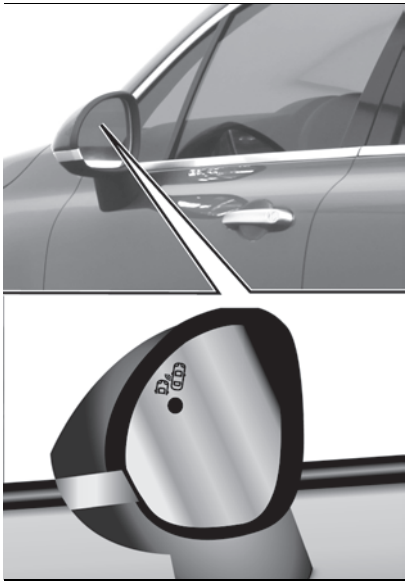
The car may be fitted with the following driving assistance systems:
❒ BSA (Blind Spot Assist)
❒ FBC (Full Brake Control)
❒ iTPMS (indirect Tyre Pressure Monitoring System)
For the operation of the systems, refer to the following pages.

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

90 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. 91, along with an acoustic warning.



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As soon as the ignition key is in MAR position, or when the engine is started (version with Keyless Entry / Keyless Go), 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 vehicles in these areas.

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

⚠ 69)

### Important notes

The system does not signal the presence of fixed object (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.

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

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

### 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.

WARNING 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 sends visual and acoustic warnings when the presence of an object is detected.

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

### Blind Spot Assist "Sound & Display" 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.
WARNING 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.

## FBC (Full Brake Control) SYSTEM

(where provided)

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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. 92 and a camera located in the central part of the windscreen fig. 93.

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

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The system provides the driver with audible 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 collision (automatic braking).
If intervention by the driver on the brake pedal is detected but not deemed sufficient, the system may intervene in order to improve the reaction of the braking system, therefore reducing car 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 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. Press the brake pedal if the car should advance slightly.

### Engagement / disengagement

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 ignition device in MAR position.

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 when braking. The system will therefore provide no indication of a possible accident

### Activation/deactivation

If the Full Brake Control system has been correctly activated with the **Uconnect™** system, this will be active each time the engine is started.

Following a deactivation, the system will not warn the driver about the possible 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 below 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 default 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 collision, but permits more dynamic driving of the vehicle.

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.

**Function temporarily not available warning**

If the deactivation warning light comes on without having intentionally deactivated the system, a condition temporarily disabling operation of the system may have occurred. The main possible causes of this temporary blinding may be weather-related (heavy rain, fog, sun low down on the horizon, etc.).

Although the car 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.

**System Fault Message**

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

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

**Radar indication not available**

(versions with heat engine)

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 these 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. 92.

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.

WARNING 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.

**Warning of system disabling due to blinded camera and obstruction**

If the dedicated message is shown on the instrument panel display, a condition disabling the system operation may have occurred.

The main possible causes of this temporary blinding may be weather-related (heavy rain, fog, sun low down on the horizon, dirty or frozen windscreen, etc.).

When the conditions limiting the system functions end, this will go back to normal and complete operation.

**Warning of system disabling due to an obstruction**

(Mild Hybrid versions)

If the dedicated message and the deactivation light appear on the instrument panel display, a condition may have occurred that deactivates the operation of the system.

The possible cause of this disabling is a camera obstruction. If an obstruction is signalled, clean the area of the

windscreen indicated in fig. 93 and check that the message and symbol has disappeared from the display. Although the car can still be driven in normal conditions, the system is not available. When the conditions disabling the system functions end, it will return to normal and complete operation.

### Driving in special conditions

In certain driving conditions, such as, for example:

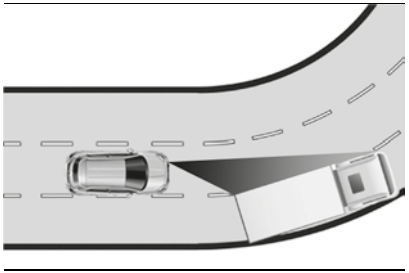
❒ driving close to a bend
❒ vehicles with small dimensions and/or not aligned in the driving lane
❒ lane change by other vehicles
❒ vehicles travelling at right angles to the vehicle

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

WARNING 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 car that is in front of you, but that is not driving in the same lane fig. 94. In cases such as these, the system may intervene.



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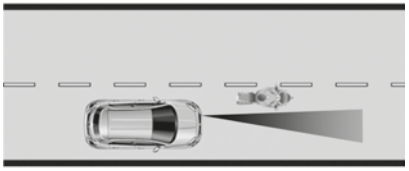
### Vehicles with small dimensions and/or not aligned in the driving lane

The system cannot detect 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. 95.



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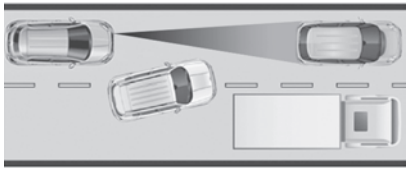
### Lane change by other vehicles

Vehicles suddenly changing lane, entering the same lane as your car and within the radar sensor's operating range, may cause the fig. 96 system to intervene.



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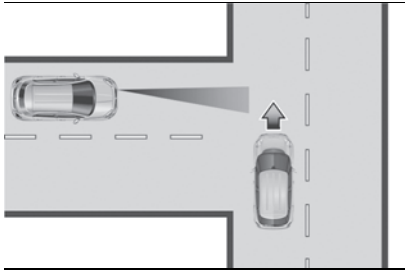
### Vehicles travelling at right angles to the vehicle

The system could temporarily react to a vehicle that is passing through the radar sensor's operating range at right angles fig. 97.



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### 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)

## iTPMS (indirect Tyre Pressure Monitoring System)

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### Description

The car can be equipped with the iTPMS (indirect Tyre Pressure Monitoring System), which has wheel speed sensors to monitor the tyre inflation status.

### 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 turning on the (!) warning light on the instrument panel together with an acoustic warning. 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) until the RESET is completed

When the RESET procedure is completed, an acoustic warning is sent. 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 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 the shape of the car with the symbols "– –" 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 wheel, remove the snow chains, if possible, check correct load distribution and repeat the RESET procedure by driving on a clean, paved road surface. If the indications persist, contact a Fiat Dealership.

***WARNING***

***69)*** *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.*

***70)*** *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.*

***71)*** *If the driver presses the accelerator pedal fully or steers abruptly during system operation, the automatic braking function may stop (e.g. to allow a possible manoeuvre to avoid the obstacle).*

***72)*** *The capability of the Full Brake Control system must never be tested irresponsibly or dangerously, in such a way as to compromise personal safety and the safety of others.*

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

***74)*** *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.*

***75)*** *If the iTPMS system signals a pressure drop on the tyres, it is recommended to check the pressure on all four tyres.*

***76)*** *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.*

***77)*** *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.*

***78)*** *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.*

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

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

**IMPORTANT**

***35)*** *The system may have limited operation or not work at all in weather conditions such as: heavy rain, hail, thick fog, heavy snow.*
***36)*** *The section of the bumper in front the sensor must not be covered with stickers, auxiliary headlights or any other object.*
***37)*** *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.*
***38)*** *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.*
***39)*** *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.*
***40)*** *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.*
***41)*** *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.*
***42)*** *Do not wash with high-pressure jets in the bumper lower area: in particular do not operate on the system's electrical connector.*

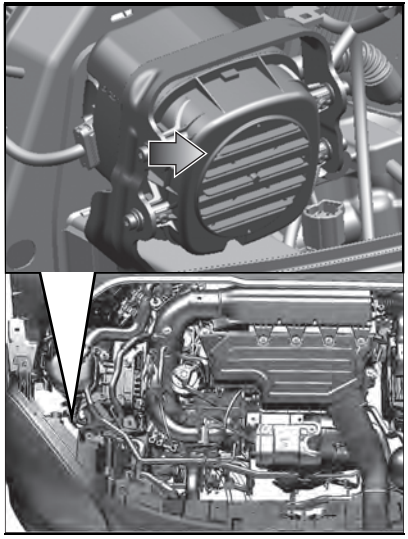
***43)*** *Be careful in the case of repairs and new paintings in the area around the sensor (panel covering the sensor on the left side of the bumper). In the event of a frontal impact the sensor may automatically deactivate and display a warning to indicate that the sensor needs to be repaired. Even 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.*

## PEDESTRIAN ACOUSTIC WARNING SYSTEM

(Mild Hybrid versions)

⚠ 81)

During electric operation mode, children, pedestrians, cyclists, animals and other road users may not hear the vehicle, because the normal noise produced by the heat engine is not present: this represents a hazard of accident, especially at low speeds, such as in parking areas. Adapt your driving style to traffic conditions. Observe traffic conditions and actively intervene according to the situation.
The car is equipped with a pedestrian acoustic warning system, located on the right side of the engine compartment, fig. 98, capable of reproducing the noise of the heat engine while driving in electric mode, thus alerting people in the vicinity of the car that it is approaching.
The intensity of the acoustic warning varies depending on the speed.



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WARNING The warning is deactivated when the car is stationary or when the automatic transmission lever is in the “Park” (P) position.

NOTE The system, operating only at car speeds below 20 km/h, is always active and cannot be deactivated.

***WARNING***

***81)*** *The pedestrian acoustic warning system is a driving aid and was not designed to avoid collisions. The driver must never reduce their level of attention while driving. Driving is always the responsibility of the driver, who must take into consideration the traffic conditions to drive in complete safety. The driver is always required to maintain a safe distance from the vehicle in front and from any persons and/or animals located near the car. Failure to observe what is described could cause a collision or serious injuries to persons and/or animals located near the car.*

# 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.

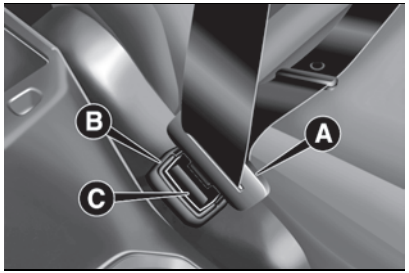
Read the information given the following pages with the utmost care.
It is of fundamental importance that the protection systems are used in the correct way to guarantee the maximum possible safety level for the driver and the passengers.
For the description of the head restraint adjustment see the "Head 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. 99 and insert it into buckle (B), until it clicks into place.

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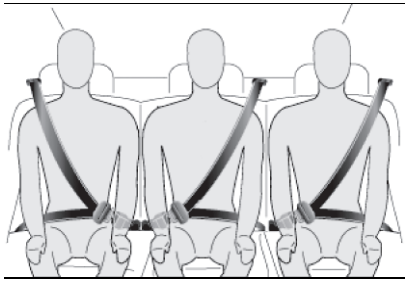
On removal of the belt, if it jams, let it rewind for a short stretch, then pull it out again without jerking.

To unfasten the seat belts, press button (C) fig. 99 and guide the seat belt with your hand while it is rewinding, to prevent it from twisting.

⚠ 82) 83)

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. 100.



100 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.

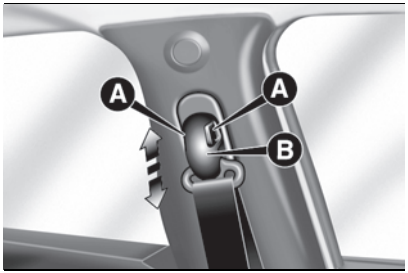
## ADJUSTING THE SEAT BELT HEIGHT

⚠ 84) 85)

Five different adjustments in height are possible.

To carry out window height adjustment, from the top to the bottom, buttons (A) fig. 101 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).




101 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***

***82)*** *Never press button (C) when travelling.*
***83)*** *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.*
***84)*** *Make height adjustment of the seat belts when the car is stationary.*
***85)*** *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. 102) 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.


102 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. 103 versions with colour display or fig. 104 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.


103 F1B0658


104 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

⚠ 86)

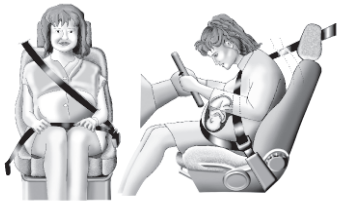
⚠ 44)

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.

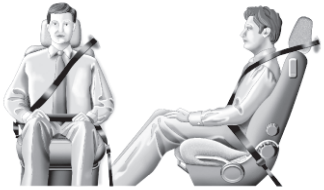
## GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

⚠ 87) 88) 89)

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. 105. 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. 106, not to the abdomen of the occupant. Do not use devices (clips, etc.) to hold the seat belt away from your body.



105 F1B0107C



106 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. 107. In general, do not place any

objects between the person and the belt.

107 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**

***86)*** *The pretensioner may be used only once. Contact a Fiat Dealership to have it replaced after it has been deployed.*
***87)*** *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.*
***88)*** *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.*
***89)*** *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**

***44)*** *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

⚠ 90) 91) 92) 93)

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 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.

***WARNING***

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

***91)*** *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).*

***92)*** *Should it be necessary to carry a child on the passenger side front seat in a rear facing child restraint system, the passenger side front and side airbags must be deactivated through the display main menu, verifying deactivation by checking that the warning light*  *located in the central part of the dashboard has switched on. Move the passenger's seat as far back as possible to avoid contact between the child seat and the dashboard.*

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

In Europe the characteristics of child restraint systems are ruled by the regulation ECE-R44, dividing them into five weight groups:

| Group | Age | Weight groups | Size class / Fixing |
|---|---|---|---|
| Group 0 | Indicatively up to 9 months | up to 10 kg in weight | ISO/L1 |
| | | | ISO/L2 |
| | | | ISO/R1 |
| Group 0+ | Indicatively up to 2 years | up to 13 kg in weight | ISO/R1 |
| | | | ISO/R2 |
| | | | ISO/R3 |
| Group 1 | Indicatively from 8 months to 4 years | 9-18 kg | ISO/R2 |
| | | | ISO/R3 |
| | | | ISO/F2 |
| | | | ISO/F2X |
| | | | ISO/F3 |
| Group 2 | Indicatively from 3 to 7 years | 15 - 25 kg | – |
| Group 3 | Indicatively from 6 to 12 years | 22 - 36 kg | – |

The ECE-R44 standard supplements the ECE R-129 regulation, which defines the characteristics of 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 For correct installation on the car, some universal child restraint systems require an accessory (base) sold separately by the restraint system's producer. Therefore, the Manufacturer advises customers to check that their chosen child restraint system can be installed on their vehicle by performing a trial installation, on the dealer's premises, before purchase.

## INSTALLING A CHILD CARSEAT WITH SEATBELTS

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.

⚠ 94) 95) 96) 97)

WARNING 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. 108 which, supporting the head, does not induce stress on the neck in the event of sudden decelerations.


108 F1B0110C

The child restraint system is restrained by the vehicle seat belts, as shown in fig. 108 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. 109.


109 F1B0111C

### Group 2

Children from 15 to 25 kg may use the vehicle seat belts directly fig. 110.

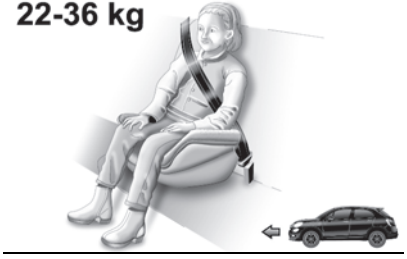

110 F1B0112C

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 kg and 36 kg, there are boosters which allow the seat belt to be worn correctly.

The fig. 111 shows the correct child positioning on the rear seat.




111 F1B0113C

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

⚠ ***WARNING***

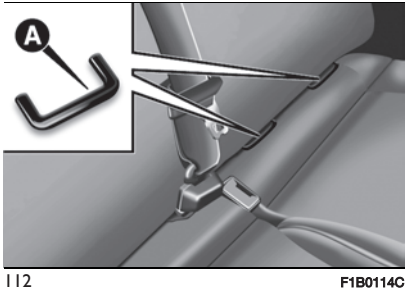
***94)*** *Incorrect fitting of the child restraint system may result in an inefficient protection system. In the event of an accident the child restraint system may become loose and the child may be*

*injured, even fatally. When fitting a restraint system for newborns or children, strictly comply with the instructions provided by the Manufacturer.*
***95)*** *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.*
***96)*** *After installing a child restraint system, do not move the seat: always remove the child restraint system before making any adjustment.*
***97)*** *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.*

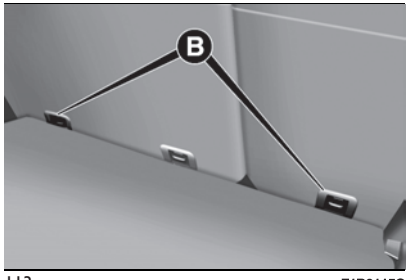
## INSTALLING AN ISOFIX CHILD RESTRAINT SYSTEM

⚠ **98) 99) 100)**

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 car seat with three anchorages 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 anchor points (A) fig. 112 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the restraint system) to the dedicated anchor point (B) fig. 113 located at the bottom behind the backrest.




112 F1B0114C

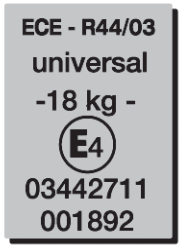



113 F1B0115C

fig. 114 shows an example of a Universal ISOFIX child restraint system for weight group 1.

WARNING The fig. 114 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.

114 F1B0116C




115 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. 115.

**WARNING**

***98)*** *Do not use the same lower anchoring to install more than one child restraint system.*
***99)*** *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.*
***100)*** *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.*

## 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. 116 will appear on the seats near the ISOFIX attachments.

116 F1B0124C

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

## Child restraint system installation

The following table provides guidelines on positioning child restraint systems on the car seats. Each child restraint system position complies with the UNECE standards


| Number of seats | | | | | | | |
|---|---|---|---|---|---|---|---|
| Seat number | 1 | 2 | 3 | | 4 | 5 | 6 |
| | | | Airbag ENABLED | Airbag DISABLED | | | |
| Seat suitable for rearward facing child restraint systems (U) | X | X | NO | YES | YES | X | YES |
| Seat suitable for forward facing child restraint systems (UF) | X | X | YES ([a]) | NO | YES | X | YES |
| i-Size seat (i-U) | X | X | NO | NO | YES | X | YES |
| Seat suitable for ISOFIX side fixtures (L1 / L2) | X | X | NO | NO | NO | X | NO |
| Seat suitable for ISOFIX rearward facing fixtures (R1/ R2 / R3) (IL) | X | X | NO | NO | YES (1) | X | YES (1) |
| Sear suitable for ISOFIX forward facing fixtures (F2/ F2X / F3) (IUF) | X | X | NO | NO | YES | X | YES |

| Number of seats | | | | | | | |
|---|---|---|---|---|---|---|---|
| Seat number | 1 | 2 | 3 | | 4 | 5 | 6 |
| | | | Airbag ENABLED | Airbag DISABLED | | | |
| Seat suitable for forward facing fixtures (B2/B3) (IUF) | X | X | NO | NO | NO (2) | X | NO (2) |

U = Position suitable for a "universal" child restraint system approved for this weight category.
UF = Position suitable for a "universal" forward facing child restraint system approved for this weight category.
IUF = Position suitable for an "ISOFIX" universal forward facing child restraint system approved for this weight category.
i-U = Position suitable for an i-Size "universal" forward facing or rearward facing child restraint system.
i-UF = Position suitable for an i-Size "universal" forward facing child restraint system.
IL = Position suitable for specific listed ISOFIX child restraint systems (CRS). These ISOFIX CRS are classified as "vehicle-specific", "restricted use" and "semi-universal".
X = Not applicable. The seat is not approved for installation of child restraint systems.
(a) = With forward facing child restraint system, the seat must be positioned no more forward than the longitudinal halfway point.
(1) = The ISOFIX child restraint system can be installed by adjusting the front seat (for R3 fixtures).
(2) = This car is not approved for use with this category of child restraint systems. Nevertheless, it may still be possible to install this category of child restraint system on the car. Therefore, check the compatibility of this vehicle with the identified child restraint system on the manufacturer's website.
Adjust the head restraint (if adjustable) if it interferes with installation of the child restraint system.

## Child restraint system installation (right-hand drive version)

The following table provides guidelines on positioning child restraint systems on the car seats. Each child restraint system position complies with the UNECE standards


| Number of seats | | | | | | | |
|---|---|---|---|---|---|---|---|
| Seat number | 1 | | 2 | 3 | 4 | 5 | 6 |
| | Airbag ENABLED | Airbag DISABLED | | | | | |
| Seat suitable for rearward facing child restraint systems (U) | NO | YES | X | X | YES | X | YES |
| Seat suitable for forward facing child restraint systems (UF) | YES ([a]) | NO | X | X | YES | X | YES |
| i-Size seat (i-U) | NO | NO | X | X | YES | X | YES |
| Seat suitable for ISOFIX side fixtures (L1 / L2) | NO | NO | X | X | NO | X | NO |
| Seat suitable for ISOFIX rearward facing fixtures (R1/ R2 / R3) (IL) | NO | NO | X | X | YES (1) | X | YES (1) |
| Sear suitable for ISOFIX forward facing fixtures (F2/ F2X / F3) (IUF) | NO | NO | X | X | YES | X | YES |

| Number of seats | | | | | | | |
|---|---|---|---|---|---|---|---|
| Seat number | 1 | | 2 | 3 | 4 | 5 | 6 |
| | Airbag ENABLED | Airbag DISABLED | | | | | |
| Seat suitable for forward facing fixtures (B2/B3) (IUF) | NO | NO | X | X | NO (2) | X | NO (2) |

U = Position suitable for a "universal" child restraint system approved for this weight category.
UF = Position suitable for a "universal" forward facing child restraint system approved for this weight category.
IUF = Position suitable for an "ISOFIX" universal forward facing child restraint system approved for this weight category.
i-U = Position suitable for an i-Size "universal" forward facing or rearward facing child restraint system.
i-UF = Position suitable for an i-Size "universal" forward facing child restraint system.
IL = Position suitable for specific listed ISOFIX child restraint systems (CRS). These ISOFIX CRS are classified as "vehicle-specific", "restricted use" and "semi-universal".
X = Not applicable. The seat is not approved for installation of child restraint systems.
(a) = With forward facing child restraint system, the seat must be positioned no more forward than the longitudinal halfway point.
(1) = The ISOFIX child restraint system can be installed by adjusting the front seat (for R3 fixtures).
(2) = This vehicle is not approved for use with this category of child restraint systems. Nevertheless, it may still be possible to install this category of child restraint system. Therefore, check the compatibility of this vehicle with the identified child restraint system on the manufacturer's website.
Adjust the head restraint (if adjustable) if it interferes with installation of the child restraint system.

## CHILD RESTRAINT SYSTEMS RECOMMENDED BY THE MANUFACTURER 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.

WARNING 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**<br>Fiat order code: 71808564 | 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. |
| | + | + | |
| |  | **BeSafe iZi Modular i-Size Base**<br>Fiat order code: 71808566 | |

| Weight group | Child restraint system | Type of child restraint system | Child restraint system installation |
|---|---|---|---|
| Group 0+/1: from 9 up to 18 kg<br>from 67 cm to 105 cm |  | **BeSafe iZi Modular i-Size**<br>Fiat order code: 71808565 | i-Size approved child restraint system.<br>**It must be installed on the car together with the iZi Modular i-Size Base (available separately). It can be installed facing forwards or facing backwards (refer to the child restraint system manual).** |
| | + | + | |
| |  | **BeSafe iZi Modular i-Size Base**<br>Fiat order code: 71808566 | |
| Group 2: from 9 to 18 kg,<br>from 95 cm to 135 cm |  | **Britax Römer KidFix XP**<br>(for versions/markets, where provided)<br>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.**<br>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 to 36 kg<br>from 136 cm to 150 cm |  | **Britax Römer KidFix XP**<br>(for versions/markets, where provided)<br>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.**<br>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 seats 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 anchorages 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.

## 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. 117.

117 F1B0660

### Passenger's front airbag

This consists of an instantly inflating bag contained in a special recess in the dashboard fig. 118: this bag has a larger volume than that on the driver side.

118 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.

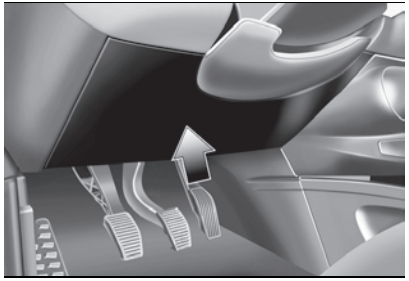
**ALWAYS** comply with the instructions on the label stuck on the passenger side sun visor fig. 119.


119 F1B0127C

**Driver knee bag**

(where provided)

It is located in a specific compartment arranged under the dashboard under a specific cover fig. 120. It provides additional protection in the event of a frontal collision.



120 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. 121.


121 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.<br>NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur |
| F | RISQUE DE MORT OU DE BLESSURES GRAVES. NE PAS positionner le siège pour enfant tourné vers l'arrière, en cas d'air bag passager actif. |
| D | Nichtbeachtung kann TOD oder SCHWERE VERLETZUNGEN zur Folge haben.<br>Rückwärts gerichtete Kinderrückhaltesysteme (Babyschale) dürfen nicht in Verbindung mit aktiviertem Beifahrerairbag auf dem Beifahrersitz verwendet 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.<br>NIE WOLNO umieszczać foletika dzieciecego tylem do kierunku jazdy na przednim siedzeniu w przypadku zainstalowanej aktywnej poduszki powietrznej pasażera. |
| TR | ÖLÜM VEYA AĞIR ŞEKİLDE YARALANMAYA SEBEP OLABİLİR. Yolcu airbağı aktif halde iken çocuk koltuğunu araç gidiş yönüne ters biçimde yerleştirmeyin. |
| DK | FARE FOR DØDELIGE KVÆSTELSER OG LIVSTRUENDE SKADER. Placer aldrig en bagudvendt barnestol på passagerersædet, hvis passager-airbagen er indstillet til at være aktiv (on). |
| EST | TAGAJÄRJEKS VÕIVAD OLLA TÕSISED KEHAVIGASTUSED VÕI SURM. Turvapadja olemasolu korral ärge asetage lapse turvaistet sõidusuunaga vastassuunas. |
| FIN | KUOLEMANVAARA TAI VAKAVIEN VAMMOJEN UHKA. Älä aseta lasten turvaistuinta niin, että lapsi on selkä menosuuntaan, kun matkustajan airbag on käytössä. |
| P | RISCO DE MORTE OU FERIMENTOS GRAVES. Não posicionar o banco para crianças numa posição contrária ao sentido de marcha quando o airbag de passageiro estiver activo. |
| LT | GALI IŠTIKTI MIRTIS ARBA GALITE RIMTAI SUSIŽEISTI. Nedėkite vaiko sėdynės atgręžtos nugara į priekinį automobilio stiklą ten, kur yra veikiant keleivio oro pagalvė. |
| S | KAN VARA LIVSHOTANDE ELLER LEDA TILL ALLVARLIGA SKADOR. Placera aldrig en bakåtvänd barnstol i framsätet då passagerarsidans krockkudde är aktiv. |
| H | HALÁSOS VAGY SÚLYOS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekülést a menetiránnyal szembe, ha az utas oldalán légzsák működik. |
| LV | VAR IZRAISĪT NĀVI VAI NOPIETNAS TRAUMAS. Nenovietot mazuļa sēdekli pretēji braukšanas virzienam, ja pasažiera pusē ir uzstādīts gaisa spilvens. |
| CZ | HROZÍ NEBEZPEČÍ VÁŽNÉHO UBLÍŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumísťujte dětskou sedačku do opačné polohy vůči směru jízdy v případě aktivního airbagu spolujezdce. |
| SLO | LAHKO PRIDE DO SMRTI ALI HUDIH POŠKODB. Otroškega avtomobilskega sedeža ne nameščajte v obratni smeri vožnje, če ima vozilo vgrajene zračne blazine za potnike. |
| RO | SE POATE PRODUCE DECESUL SAU LEZIUNI GRAVE. Nu aşezaţi scaunul de maşină pentru bebeluşi în poziţie contrară direcţiei de mers atunci când airbag-ul pasagerului este activat. |
| GR | ΜΠΟΡΕΙ ΝΑ ΠΡΟΚΛΗΘΟΥΝ ΘΑΝΑΤΟΣ Ή ΣΟΒΑΡΑ ΤΡΑΥΜΑΤΑ.<br>Μην τοποθετείτε το καρεκλάκι αυτοκινήτου για παιδιά σε αντίθετη προς την φορά πορείας θέση σε περίπτωση που υπάρχει αερόσακος εν ενεργεία στη θέση συνεπιβάτη. |
| BG | ИМА ОПАСНОСТ ОТ СМЪРТ И СЕРИОЗНИ НАРАНЯВАНИЯ.<br>Не поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. |
| SK | 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.<br>Sjedala za djecu koja se montiraju u smjeru suprotnom od vožnje ne smiju se instalirati na prednja sjedala ako postoji aktivni zračni jastuk suvozača. |
| AS | قد تحدث حالات وفاة أو إصابات بالغة. لا تستخدم مقاعد الأمان الخاصة بالأطفال على مقعد مزود "بوسادة هوائية"، حيث إن الطفل قد يتعرض للوفاة أو لإصابة بالغة. |



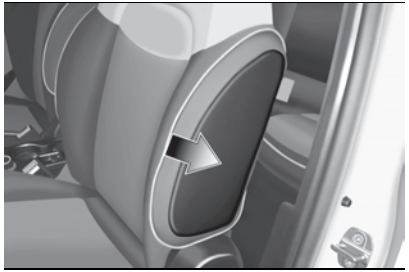
F1B0129C

## 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. 123 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.



123 F1B0130C

### Window bag

These consist of two “drop-down” cushions, housed behind the side trim of the roof and covered with finishing elements fig. 124.
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.

124 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.

⚠ 101) 102) 103) 104) 105) 106) 107) 108) 109) 110) 111) 112) 113) 114) 115) 116)

### Warnings

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 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.

## AUXILIARY BATTERY DISCONNECTION

(Mild Hybrid versions)

WARNING In the event of a collision that is serious enough to trigger the airbag, the auxiliary battery is automatically disconnected from the electrical system in order to prevent short circuits and/or fires.

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

## WARNING

***101)*** *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.*

***102)*** *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.*

***103)*** *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.*

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

***105)*** *Do not affix rigid objects to the coat hooks or support handles.*

***106)*** *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.*

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

***108)*** *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.*

***109)*** *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.*

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

***111)*** *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.*

***112)*** *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.*

***113)*** *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.*

***114)*** *Malfunction of the warning light is indicated by the activation of an airbag failure icon on the instrument panel display. The pyrotechnic charges are not disabled. Contact a Fiat Dealership immediately to have the system checked.*

***115)*** *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.*
***116)*** *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

*We have now reached the "heart" of the car: let's see how to use the car to its full potential.*
*We'll look at how to drive safely in any situation, making it a welcome companion with our comfort and wallets in mind.*

# STARTING THE ENGINE

Before starting the car, adjust the seat, the interior rearview mirrors, the door mirrors and fasten the seat belt correctly.
Never press the accelerator to start the heat engine.
If necessary, messages indicating the starting procedure can be shown on the display.
117) 118) 119) 120)
45) 46) 47) 48)

**Versions with manual transmission**

Proceed as follows:
❒ engage the electric parking brake and place the gear lever in neutral
❒ set 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 press the clutch pedal without touching the accelerator
❒ set the ignition device to AVV and release it as soon as the engine
❒ 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 dual clutch automatic transmission**

Proceed as follows:
❒ engage the electric parking brake and set the gear lever to P (Park) or N (Neutral)
❒ fully press 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

WARNING If, when the ignition device is in MAR position, the symbol on the display remains lit together with warning light set the device to STOP and then back to MAR. If the warning light (or the symbol of the display) remains on, try with the other keys provided with the car. Contact a Fiat Dealership if the engine still does not start.

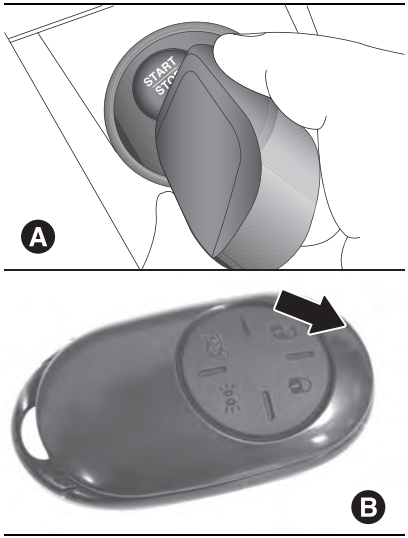
**Mild Hybrid versions**

The engine can be started in thermal or electric mode: starting in the latter mode takes place based on the state of charge of the auxiliary battery (48V) and of the conventional battery (12V) and due to a combination of factors.
Proceed as follows to start the car:
❒ set the ignition device to MAR
❒ engage the electric parking brake and put the electrified dual clutch automatic transmission gear lever in neutral (N) or "Park" (P)
❒ fully depress brake pedal and hold it down
❒ move the ignition device to the AVV position: if the procedure has been carried out correctly, you can start driving
❒ the READY warning light will be displayed on the instrument panel when the car is ready to move. As long as the READY light is displayed on the instrument panel, it does not matter whether the heat engine is started or not, the vehicle's propulsion is always available
❒ keeping the brake pedal pressed down, put the electrified dual clutch automatic transmission gear lever in the driving position (D)
❒ release the brake pedal and press the accelerator pedal
❒ press the accelerator pedal to start driving
NOTE The electric motor may not start at very low outdoor temperatures.

## ENGINE STARTING FAILURE

### Starting the engine with the electronic key battery (Keyless Entry / 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, place the rounded end of the electronic key (side opposite to where the metal insert is located in the key (A) fig. 125 or, depending on the version, the side opposite to where the key fob hole is located (B) fig. 125) on the button of the ignition device and press the button with the electronic key. The ignition device is thus activated and the engine can be started.




125 F1B0924

## WARMING UP THE ENGINE JUST AFTER IT HAS STARTED

Proceed as follows:

❒ drive off slowly, letting the engine turn at medium speed, without accelerating abruptly

❒ do not demand full performance at first. It is advisable to wait until the coolant temperature indicator starts moving up

## STOPPING THE ENGINE

### For petrol and diesel versions

To stop the engine, proceed as follows:

❒ park the car in a position that is not dangerous for oncoming traffic

❒ engage a gear (versions with manual transmission) or position the gear lever to P (Park) (versions with dual clutch automatic transmission)

❒ set the ignition device to STOP with the engine idling

On the versions with Start&Stop system, to switch the engine off, you need to stop the vehicle by pressing the brake pedal properly; if the pressure is not enough, the engine will not be switched off.

This feature can be exploited so that the engine does not switch off in particular traffic conditions.

### For Mild Hybrid versions

⚠ 121) 122)

Proceed as follows:

❒ with the car stationary, press the brake pedal

❒ put the automatic transmission gear lever in "Park" (P)

❒ release the brake pedal

❒ move the ignition device to the STOP position (versions equipped with mechanical key) or press the START/STOP ENGINE button fully to switch off the engine (versions

equipped with Keyless Entry/Keyless Go system)
❒ engage the electric parking brake
❒ release the brake pedal

WARNING When the engine is switched on and off, a metallic noise may be heard due to the opening/closing of the electrical contacts. This noise is normal and is not intended to be an anomaly.

**Important notes**

Do not leave the ignition device at MAR when the engine is off.

If the vehicle is equipped with electronic key (Keyless Entry / Keyless Go), at a speed over 8 km/h it is still possible to switch the engine off, also for vehicles equipped with automatic transmission/dual clutch automatic transmission with lever in a position other than P (Parking).

To switch off the engine in this situation, hold down the ignition device button for a while or press it 3 times in a row within a few seconds. In this case the engine will stop and the ignition device will switch to STOP.

With Keyless Entry / Keyless Go system, it is possible to go away from the vehicle taking the electronic key with you, without the engine stopping.

The vehicle will inform about the absence of the key on board, only if the doors are closed.

Switching the engine off (going from MAR to STOP position) the accessories are still supplied for about 3 minutes.

When the driver side door is opened with instrument panel on, a brief acoustic warning will be emitted.

When the starting device is at STOP, the electric windows can still be operated for about 3 minutes. Opening one of the front doors cancels this function.

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

***WARNING***

***117)*** *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.*
***118)*** *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.*
***119)*** *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.*
***120)*** *Do not start the engine by pushing, towing or driving downhill. These manoeuvres may damage the catalytic converter.*
***121)*** *Do not leave the vehicle in a poorly ventilated area with electrical operating mode on and heat engine switched off, as the heat engine may start automatically if the residual charge level of the auxiliary battery is insufficient. The exhaust gases generated can cause serious damage to people and animals.*
***122)*** *When leaving the vehicle, you must set the automatic transmission lever to "Park" (P). If you unintentionally press the accelerator pedal or when the automatic transmission lever is in a position other than "Park" (P) the vehicle can move abruptly, resulting in serious injury or death.*

***IMPORTANT***

***45)*** *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.).*
***46)*** *When the heat engine is switched off never leave the ignition device to MAR to prevent useless current absorption from draining the conventional battery.*
***47)*** *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.*
***48)*** *Warning light ϖ will flash after starting or during prolonged cranking to indicate a*

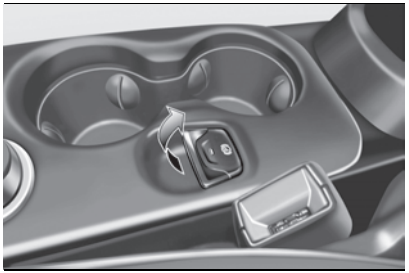
*fault with the glow plug preheating system. If the engine starts, the vehicle can be used as normal, but a Fiat Dealership must be contacted as soon as possible.*

## WHEN PARKED

Always remove the key from the ignition device 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.
WARNING NEVER leave the car with the transmission in neutral (or, in versions equipped with dual clutch automatic transmission/electrified dual clutch automatic transmission, before putting the gear lever in P).

## ELECTRIC PARKING BRAKE (EPB)

The car 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. 126, a motor with calliper for each rear wheel and an electronic control module.



126 F1B0133C

WARNING 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).
WARNING In the case of a car battery failure, to unlock the electric parking brake the conventional battery must be replaced.
The electric parking brake can be engaged in two ways:
❒ *manually* pull the fig. 126 switch located on the central tunnel, in the direction shown by the direction indicator
❒ *automatically* in "Safe Hold" or "Auto Apply" conditions

### Electric parking brake manual engagement

⚠ 123) 124) 125)

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 car 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. 126 turn on.
WARNING 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.
WARNING 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.

**Disengaging 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. 126 switch briefly.
Noise may be heard from the rear of the vehicle and a slight movement of the brake pedal may be detected during disengagement.
After disengaging the electric parking brake, the (!) warning light on the instrument panel and the LED on the switch turn off.
If the (!) warning light on the instrument panel remains on with the electric parking brake disengaged, this indicates a fault: in this case contact a Fiat Dealership.
WARNING On versions with automatic transmission never use the P (Park) position instead of the electric parking brake. When parking the car, always apply the electric parking brake to prevent injury or damage caused by uncontrolled movement of the car.
WARNING 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. 126 switch repeatedly while 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 seat belt has to be properly fastened
❒ *"Safe Hold"*: if the car speed is lower than 3 km/h and, for versions with automatic transmission, the gear lever is not in P (Park), 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 if the car is in an unsafe condition when the ignition device is in the MAR position.

If:

❒ the car speed is below 3 km/h
❒ the gear lever is not in 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 transmission, of the clutch pedal is detected; the electric parking brake automatically engages to keep the car 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***

***123)*** *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.*

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

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

# MANUAL TRANSMISSION

(where present)

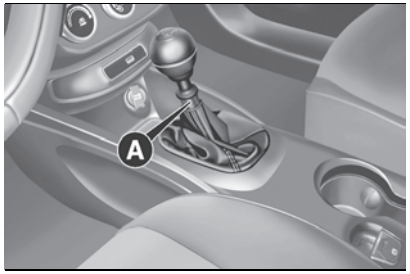
126)

49)

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 6$^{th}$ gear (where provided), operate the lever by pressing it towards the right in order to avoid engaging 4$^{th}$ gear by mistake. The same applies to the shift from 6$^{th}$ to 5$^{th}$ gear.

To engage reverse R from neutral, lift the ring (A) fig. 127 under the knob and at the same time move the lever to the left and then forwards.

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WARNING The car can only be put into reverse gear when it has stopped moving completely. 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.
WARNING 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***

***126)*** *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***

***49)*** *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.*

# DUAL CLUTCH AUTOMATIC TRANSMISSION

(where provided)

## GEAR LEVER

The gear lever fig. 128 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.

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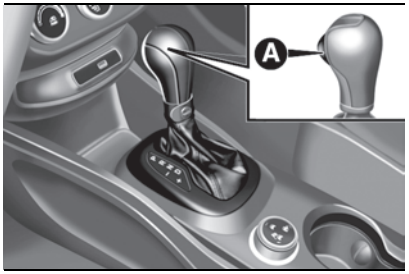
50) 51) 52) 53)

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The gear engaged is shown on the display.
The gear lever has a button (A) fig. 128 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.
With the ignition key in the MAR position, press the brake pedal and use the button (A) to shift the selector lever from P to any other position.
To shift from position N (Neutral) to position D (Drive) or R (Reverse), you need to press the brake pedal. **For dual clutch automatic transmission:** It is advisable not to accelerate and to make sure that the engine is stabilised at idle speed.
**For dual clutch automatic transmission:** To shift from R to P press the button (A) when the engine is idling.
**For dual clutch automatic transmission:** Shifting from D to N is free, while shifting from D to R or P can only be made by the button (A).
WARNING **(For automatic transmission)** DO NOT accelerate while shifting from position P (or N) to another position.
WARNING **(For automatic transmission)** After selecting a gear, please wait a few seconds before accelerating. This precaution is particularly important with engine cold.

## 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 gearbox control unit depending on car 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).

WARNING 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)

54)

On some versions, the transmission can be managed sequentially using the steering wheel controls fig. 129.

129 F1B0861

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.

WARNING 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. 128 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/dual clutch automatic transmission - lever unlocking" in the "In an emergency" chapter.

## STOPPING THE ENGINE AND PARK POSITION

**Versions with Keyless Entry / 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 mechanical key:** this function requires the gear lever to be positioned at P (Park) before extracting the key from the ignition device.

If the car battery is flat and the ignition key is engaged, the latter is locked in position. To remove the key manually see the "Automatic transmission / dual clutch automatic transmission" chapter in the "In case of emergency" section.

## TRANSMISSION EMERGENCY FUNCTION

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 gear lever to R or N.

Once you have put the gear 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***

***127)*** *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.*
***128)*** *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.*
***129)*** *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.*
***130)*** *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***

***50)*** *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.*

***51)*** *Engage reverse only with the car stationary, engine at idling speed and accelerator fully released.*
***52)*** *If the car is on a gradient, always engage the electric parking brake BEFORE placing the gear lever in P.*
***53)*** *Engage reverse only with the car stationary, engine at idling speed and accelerator pedal fully released.*
***54)*** *Using the paddles incorrectly (paddles pushed towards the dashboard ) could break them.*

# ELECTRIFIED DUAL CLUTCH AUTOMATIC TRANSMISSION

(Mild Hybrid versions)

## DISPLAY

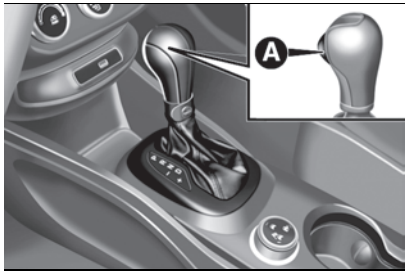
The display can show the following:
❒ **in automatic driving mode** the selected gear (P, R, N, D)
❒ **in sequential driving mode**, the manual engagement of a (higher or lower) gear showing the corresponding number

## ELECTRIC MOTOR ("e-machine")

The transmission is mechanically connected with a synchronous electric motor with 48V double three-phase winding.
The functions of the electric motor are:
❒ to provide additional torque to the transmission, optimising the performance of the heat engine
❒ recover kinetic energy when braking, converting it into electric energy (generator function), which can be used for drive or to power the electric loads in the car
❒ to allow the car to be driven in electric-only mode
❒ to start the heat engine while the car is moving

## GEAR LEVER

The gear lever fig. 130 has the following positions:
❒ **P** = Park
❒ **R** = Reverse
❒ **N** = Neutral
❒ **D** = Drive, (automatic forward speed)
❒ "**AutoStick**":
- "+" shifting to a higher gear in sequential driving mode
- "–" shifting to a lower gear in sequential driving mode

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

The gear lever has a button (A) fig. 130 which must be pressed to move the lever to P or R.

To exit position P (“Park”), or to pass from position N (Neutral) to position D (Drive) or R (Reverse) when the car is stopped or is moving at a low speed, in addition to pressing the button (A) fig. 130 the brake pedal must also be pressed (see "Inhibition of gear lever movement without the brake pedal pressed" in this chapter).

## LEVER POSITIONS

### Park (P)

52)

The P position blocks the transmission. With the gear lever in position P, it is possible to remove the key from the ignition device (versions with a key with remote control) or turn off the engine (versions with an electronic key - Keyless Entry / Keyless Go system).

Moving the gear lever from P to D must be performed only when the car is stationary.

With the ignition key in the MAR position, press the brake pedal and use the button (A) fig. 130 located on the gear lever to shift the selector lever from P to any other position.

WARNINGS

❒ Never try to select position P when the car is moving

❒ before leaving the car, engage the electric parking brake and bring the gear lever to P

❒ before bringing the gear lever to P, engage the electric parking brake, otherwise moving the gear lever from P might be difficult

❒ when restarting after a stop, the gear lever must be moved to position P before releasing the electric parking brake

To check actual engagement of position P:

❒ move the gear lever completely forwards, to end of travel position

❒ make sure that letter P is displayed on the instrument panel

❒ wait at least 2 seconds before releasing the brake pedal

### Reverse (R)

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The engine cannot be started with the lever in position R.

### Neutral (N)

The engine can be started with the lever in position N. Engage N (or P) in case of prolonged stops.

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

WARNING If the car is towed, if the lever is NOT in N and, if “N” is not shown on the instrument panel display, the car can be damaged.

### Drive (D) - Automatic forward gear

It is the lever position in standard running conditions.

You can shift from D to N freely, while you can only shift from D to R or P by pressing the button on the gear lever.

**Sequential mode (+ / –)**

Shifting the lever from position D on side in stable position, the transmission is used in sequential mode.

Shifting the lever to unstable position (+ or –) changes the gears.

WARNING All movements of the gear lever, except from D to “AutoStick” and vice versa, must be performed only with the car stationary and engine idling speed.

WARNING With the electrified dual clutch automatic transmission functioning in “sequential mode”, "eAuto" mode deactivated automatically (LED illuminated on the "e Auto OFF" button located on the central dashboard). In this case, trying to press the "e Auto OFF" button to try to activate the "eAuto” mode, a dedicated message will appear on the instrument panel display, indicating that this mode is not available.

## LIMIT THE LEVER MOVEMENT WITHOUT PRESSING THE BRAKE PEDAL

*To shift the gear lever from the P (Park) position*, the ignition device must be in MAR (engine on or off) and the brake pedal must be pressed. Moreover, it is necessary to press the button on the gear lever.

*To move the gear lever from N*, the brake pedal must be pressed if the ignition device is in MAR.

## AUTOMATIC DRIVING MODE

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

In automatic driving mode, the best ratio is selected by the electronic transmission control unit depending on speed, engine load (accelerator pedal position) and gradient of the road.

**Kick-Down function**

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

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

## SEQUENTIAL DRIVING MODE

In sequential driving mode, the dual clutch automatic transmission works like a manual transmission.

**Shifting gears**

Move the lever sideways (to the left) manually from position D to the sequential position:

- *lever towards* "+": shift up
- *lever towards* "–": shift down

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

If the car is stopped with a higher gear than 1st speed engaged, the transmission will automatically engage 1st gear.

## 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 instrument panel display will show the engaged gear.

WARNING The condition of inconsistency between the gear actually engaged and the position of the gear lever (shown on the display) is signalled by the flashing of the letter corresponding to the gear lever position on the transmission panel, and by a dedicated message on the instrument panel display, which indicates to the driver the manoeuvre to perform to exit the situation of inconsistency (an acoustic warning is

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

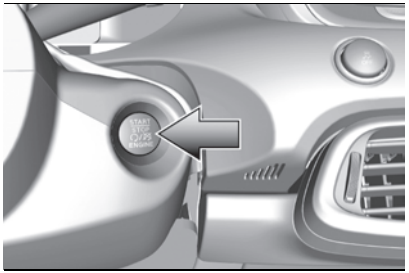
WARNING With the electric parking brake released and brake pedal released, engine at idling speed and gear lever in position D, R or sequential, pay the utmost care because the car can move even without the operation of the accelerator pedal. This condition can be used with the car on a level surface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

## SWITCHING OFF THE ENGINE

**Versions equipped with the Keyless Entry/ Keyless Go system**: shift the gear lever to P (Park) mode before shutting down the car by pressing the button next to the steering wheel fig. 131.

**Versions equipped with mechanical key**: shift the gear lever to P (Park) before extracting the key from the ignition device.

If the conventional battery of the car is flat and the ignition key is engaged, the latter is locked in position.



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### Removing the ignition key

The ignition key can be removed only if the gear lever is in position P:

❒ **if the engine is switched off with the gear lever in position P**: the ignition key can be removed

❒ **if the engine is switched off with the gear lever in position P**; move the lever to P within 5 seconds. Then it will be possible to remove the ignition key

In both cases, if the described conditions and times are not respected, the ignition key will be automatically locked.

To remove the ignition key, turn it to MAR and then to STOP, repeating the procedure described above. It is always recommended, in any case, to engage the P position before turning off the engine.

## PARKING THE CAR

To park safely, with the brake pedal pressed, P must be engaged and, in case of parking uphill/downhill, the electric parking brake must be engaged.

Before releasing the break pedal, wait for the electric parking brake to engage.

WARNING NEVER leave the car before having positioned the lever in P.

## TOWING THE CAR

For car towing operations, refer to the “Towing a broken-down car” chapter in this section.

## "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.

Under this condition, the transmission will maintain the forward gear (with reduced performance) even if the lever is shifted to R or N. Once the lever is in the P position, or after shutting down the car, it will not be possible to select R nor any forward gear. In this case, contact a Fiat Dealership.

## GENERAL WARNINGS

⚠ 131) 132) 133) 134)

With car stationary and gear engaged, always keep the brake pedal pressed until you decide to set off, then release the brake and accelerate gradually.

During prolonged stops with the engine running, it is advisable to keep the transmission in neutral (N) or P (Parking).

To protect the clutch, never use the accelerator to keep the car stationary (for example when stopped uphill/downhill): clutch overheating could damage it.

Use the brake pedal instead or the electric parking brake and only press the accelerator pedal when you wish to set off.

If reverse (R) is engaged, only engage the 1st gear (or vice versa) when the car is completely stopped.

Although it is highly inadvisable, if you are driving downhill and, for unexpected reasons, you let the car move forward with the transmission in neutral (N), when there is a request to engage a gear, depending on the speed of the car, the system will automatically engage the best gear for the correct transmission of drive torque to the wheels.

***WARNING***

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

***132)*** *Never use position P instead of the electric parking brake. Always engage the electric parking brake when parking the car to avoid the accidental movement of the car.*

***133)*** *If the P 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.*

***134)*** *Do not shift the gear lever to N 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.*

***IMPORTANT***

***55)*** *If the car is on a gradient, always engage the electric parking brake BEFORE placing the gear lever in P.*

***56)*** *Engage reverse only with the car stationary, engine at idling speed and accelerator fully released.*

## START&STOP SYSTEM

(where provided)

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

In this way, the car efficiency is increased, by reducing consumption, emission of harmful gases and noise pollution.

WARNING The system is activated automatically whenever the heat engine is started, regardless of the condition (system on or off) present before the engine was stopped.

⚠ 135)

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### OPERATING MODE

**Method for switching off the heat engine**

***Versions with manual transmission***

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

***Versions with dual clutch automatic transmission***

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

NOTE In the event of stops uphill, heat engine switching off is disabled to make the "Hill Hold Control" function available (function active only with the heat engine running). For Mild Hybrid versions, the "Hill Hold Control" function is also active with the heat engine off (the function is managed by the electric motor).

The warning light Ⓐ on the instrument panel switches on to signal that the heat engine has stopped.

Mild Hybrid versions: the heat engine turns off also while driving when releasing the accelerator (if the charge of the lithium ion auxiliary battery permits it). When stopped (always with a sufficient charge of the auxiliary lithium ion battery), the heat engine is off and the car is restarted by the electric motor, as long as the requested torque is available and when it is not sufficient, the request is made to restart the heat engine.

### Method for restarting the heat engine

***Versions with manual transmission***

Press the clutch pedal to restart the heat engine. 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 dual clutch automatic transmission***

To restart the heat engine, release the brake pedal.

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

When the heat engine has stopped automatically, keeping the brake pedal pressed, the brake can be released keeping the heat engine off by quickly shifting the gear lever to P (Park).

To restart the heat engine, just move the gear lever out of position P.

## SYSTEM MANUAL ACTIVATION / DEACTIVATION

### Only versions with a heat engine

To activate/deactivate the system manually, press the fig. 132 button located on the dashboard.


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❒ **LED off:** system on
❒ **LED on:** system off

### Mild Hybrid versions

On the central dashboard there is an "e Auto" button fig. 133 which, when pressed, deactivates the "eAuto" function and, when allowed by the operating strategies, allows the heat engine to be switched off when the accelerator pedal is released (this could increase fuel consumption).


133 F1B0904

If the Start& Stop system intervenes, the heat engine is restarted by the alternator/BSG starter (Belt Starter Generator), with the advantage of a more silent start with respect to the first start of the heat engine.

## MISSED ENGINE STOPPING CONDITIONS

When the system is active, for a higher comfort and safety, and to reduce emissions, the heat engine does not stop in some conditions, such as:

❒ heat engine still cold
❒ especially cold outside temperature
❒ conventional battery not sufficiently charged
❒ particulate filter (DPF) regeneration in progress (where provided, Diesel engines only)
❒ driver's door not shut
❒ bonnet not closed
❒ driver's seat belt not fastened
❒ reverse gear engaged (e.g. for parking manoeuvres)
❒ only for versions equipped with automatic dual-zone climate control system, if an adequate level of thermal comfort has not been reached or with the MAX-DEF function active
❒ during the first period of use, to initialise the system

## HEAT ENGINE RESTARTING CONDITIONS

Due to comfort, emission control and safety reasons, the heat engine can restart automatically without any action by the driver, under special conditions, such as:

❒ conventional battery not sufficiently charged
❒ reduced braking system vacuum (e.g. if the brake pedal is pressed repeatedly)
❒ car moving (e.g. when driving on roads with a gradient)
❒ switching off of the heat engine, by the Start&Stop system, for more than approx. 5 minutes
❒ only for versions with automatic dual-zone climate control, to permit an adequate level of thermal comfort or following activation of the MAX-DEF function
❒ **only Mild Hybrid versions:** the heat engine restarts automatically with the automatic dual-zone climate control system on, in order to maintain acceptable comfort conditions in the passenger compartment. The "e Auto OFF" button located on the central dashboard does not turn off the electric motor completely (with the car stopped, the heat engine is turned off).

**Excluding Mild Hybrid versions:** with a gear engaged, automatic heat engine restarting is possible only by fully pressing the clutch pedal.
On some versions the operation is indicated by the symbol Ⓐ lighting up.

WARNING (excluding Mild Hybrid versions) In cases of undesired turning off of the heat engine, due for example to the clutch pedal being released abruptly with a gear engaged, if the system is activated, the engine can be restarted by fully depressing the clutch pedal or by bringing the transmission to neutral. If the clutch is not pressed, after 3 minutes from the heat engine stopping, the engine can be restarted only using the ignition device.

## SAFETY FUNCTIONS

When the heat 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 heat engine can be restarted only by using the ignition device.
This condition is signalled to the driver with an acoustic warning (buzzer).

## ENERGY SAVING FUNCTION

If, following the automatic heat engine restarting, the driver does not carry out

any action for more than 3 minutes, the Start&Stop system stops the heat engine definitely, to prevent fuel consumption. In these cases, the heat engine can only be started using the ignition device.
NOTE In any case, it is possible to keep the heat engine on by deactivating the system.

***WARNING***

***135)*** *If the conventional battery needs to be replaced, always contact a Fiat Dealership. Replace the battery with a new one of the same type (EFB - Enhanced Flooded Battery) and specifications.*

***IMPORTANT***

***57)*** *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

(for versions/markets where provided)

## 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 car 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 set speed limit is reached.

## DEVICE ON/OFF

To turn the device on/off, press button (A) fig. 134 on the steering wheel.


134 F1B0727

The activation of the device is indicated by the symbol on the display (white on versions with reconfigurable multifunction display), together with the last speed value stored.
NOTE The device deactivates automatically in the event of fault in the system. In this case, contact a Fiat Dealership.

## SPEED LIMIT PROGRAMMING

The speed limit can be programmed without necessarily activating the device.
*To store a speed value higher or lower* than the displayed one, briefly press the SET + to increase it and the SET - button to decrease it.
Each time the button is pressed, the speed increases/decreases by about 1 km/h while keeping the button pressed, the speed increases by 5 km/h intervals.

## 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.

### EXCEEDING THE PROGRAMMED SPEED

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

The device is disabled until the speed drops below the set limit, after which it reactivates 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.

## ELECTRONIC CRUISE CONTROL

(for versions/markets, where provided)

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

⚠ **136) 137) 138)**

To activate the device press button (A) fig. 135.

Device activation is indicated by the symbol lighting up on the display.

If the Speed Limiter is activated, button (A) fig. 135 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).


135 F1B0727

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

WARNING The speed indicator may oscillate slightly around the desired speed when this function is active. This behaviour is due to various conditions outside the car (wind, inertia, type of route, etc.), and constitutes normal system operation.

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

### SETTING THE DESIRED SPEED

Proceed as follows:

❒ to activate the device press button (A) fig. 135;
❒ 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 car speed may slightly exceed the set one.

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

### INCREASING / DECREASING SPEED

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

**Use of the device on hilly routes**

On steep gradients, the loss or gain in speed may be considerable and it is therefore preferable to deactivate the device.

### 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) or in other particular conditions.

### DEACTIVATING THE DEVICE

The electronic Cruise Control is deactivated by pressing button (A) fig. 135 or bringing the ignition device to STOP.

**WARNING**

***136)*** *While driving with the device active, never move the gear lever to neutral.*
***137)*** *In case of a malfunction or failure of the device, contact a Fiat Dealership.*
***138)*** *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)

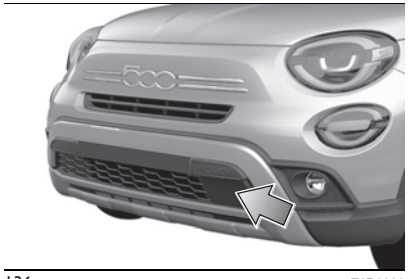
**139) 140) 141) 142) 143) 144)**

**58) 59) 60) 61) 62) 63) 64)**

### 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. 136 and a camera, located in the middle area of the windscreen fig. 137, to detect the presence of a vehicle close ahead.



136 F1B0898

137 F1B0656

WARNINGS

If the sensor does not detect any vehicle ahead, the device will maintain a fixed set speed.

If the sensor detects a vehicle ahead, the device automatically intervenes by braking (or accelerating) slightly in order not to exceed the original set speed, so that the car keeps the preset distance, seeking to adapt to the speed of the vehicle ahead.

It is advisable to turn the device off in the following cases:

- driving in fog, heavy rain, snow, heavy traffic and in complex driving situations (e.g. on motorways with roadworks in progress)
- driving close to a bend (winding roads), icy, snowy, slippery roads or with a steep uphill or downhill slope
- entering a turn lane or an off-ramp of the motorway
- towing of a trailer
- when circumstances do not allow safe driving at a constant speed

There are two operating modes:

- "Adaptive Cruise Control" mode to maintain an adequate distance between the cars
- "Electronic Cruise Control" mode to hold the car 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. 138).


138 F1B0729


139 F1B0690

WARNING The speed indicator may oscillate slightly around the desired speed when this function is active. This

behaviour is due to various conditions outside the car (wind, inertia, type of route, etc.), and constitutes normal system operation.

WARNING 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 .

## SETTING THE DESIRED SPEED

The device can only be set at a speed above 30 km/h (or equivalent in mph) and below 180 km/h (or equivalent in mph).

When the car 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.

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

If the accelerator is held down, the device will not be able to control the distance between the car and the vehicle in front. 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 the brake pedal is pressed
- when the brakes are overheated
- when the electric parking brake has been applied
- when the gear lever is in the P (park), R (reverse) or N (neutral) positions (versions with automatic transmission or dual clutch automatic transmission)
- when the gear lever is in R (reverse), neutral or in 1st (first gear engaged) (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 an intervention of the ESC system (or ABS or other stability control systems) is in progress, or has just ended
- 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 itself
- if the engine is off
- in case of radar sensor obstruction (in this case, clean the area of the bumper where the sensor is located)

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.

WARNING 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.

WARNINGS

By keeping the accelerator pedal depressed, the car can continue to accelerate beyond the set speed. In this case, press the SET + (or SET – ) button to set the speed to the current speed of the car.

When the SET – button is pressed to reduce the speed, the braking system intervenes automatically if the exhaust brake does not slow the car down sufficiently to reach the set speed.

The device holds the set speed uphill and downhill; however a slight variation is entirely normal, particularly on slight gradients.

For versions with manual transmission, gears can be shifted during operation of the device to allow to select the gear suited to the set speed and keep the device set. The device is cancelled when you press and hold the clutch pedal down or putting the gear lever in the neutral position for more than a certain time limit.

The automatic transmission (or dual clutch automatic transmission) could change to a lower gear when driving downhill or when accelerating. This is normal and necessary to maintain the set speed.

The device is switched off while driving if the brakes overheat.

## 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.

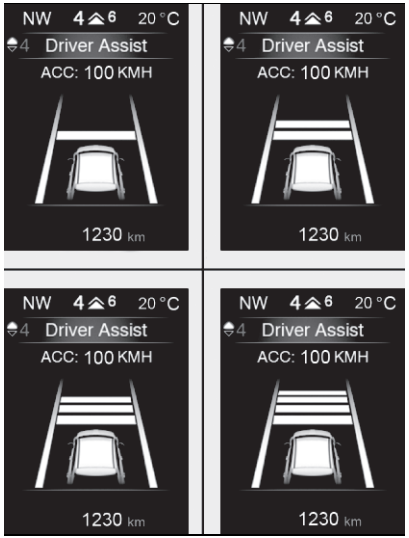
The system will be set to the last stored speed.

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

WARNING The recall function must only be used if the road and traffic conditions so allow. Recalling an excessively high or low speed for the current traffic and road conditions could cause an acceleration or a deceleration of the car. Failure to comply with these precautions may cause serious accidents and fatal injuries.

## 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. 140.




I40 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

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

WARNING 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.

WARNING 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.

WARNING 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 Adaptive Cruise Control button is pressed
- the electronic Cruise Control button is pressed
- the Speed Limiter button is pressed
- the ignition device is set to STOP

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

- when the CANC button is pressed
- when the conditions indicated in the paragraph “Setting the desired speed” occur
- when of the car speed drops under the minimum set speed (e.g. in presence of slow vehicles)

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.

## SYSTEM LIMITED OPERATION WARNING

If the dedicated message is shown on the display, 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 indicated area of the windscreen (see "Description" paragraph) and check that the message has disappeared.

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.

## PRECAUTIONS WHILE DRIVING

The device may not work correctly in some driving conditions (see below): the driver must control the car at all times.

### Towing a trailer

Use of the device is not recommended while towing a trailer.

### Vehicle not aligned

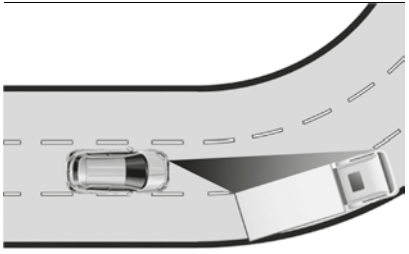
The device may not detect a car travelling on the same lane but which is not aligned along the same direction of travel or a car which is cutting in from a side lane.

Sufficient distance from the vehicles ahead may not be guaranteed in these cases.

The non-aligned car can weave in and out of the driving direction causing the car to brake or accelerate unexpectedly.

### Steering and curves

On curves fig. 141 with the device set, it could limit speed and acceleration to guarantee car stability even if no cars are detected ahead. When leaving the curve, the device resets the previously set speed.



141 F1B0713

WARNING In case of narrow curves, the performance of the device could be limited. In this case, it is advisable to deactivate the device.

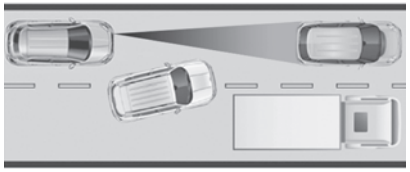
### Using the device on gradient

When driving on roads with variable gradient, the device may not detect the presence of a vehicle on the lane.

Device performance could be limited according to speed, load, traffic conditions and gradient steepness.

### Lane change

The device may not detect the presence of a vehicle until it is fully in your lane fig. 142.



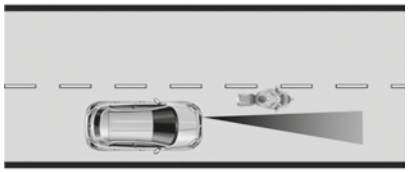
142 F1B0715

In this case, sufficient distance from the vehicle which is changing lane may not be guaranteed: it is advisable to pay the utmost attention at all times and be always ready to press the brakes if needed.

### Small vehicles

Some narrow vehicles (e.g. bicycles and motorcycles fig. 143) travelling near the outer edges of the lane or which enter the lane from kerbside are

not detected until they are fully in the lane.



143 F1B0714

Sufficient distance from the vehicles ahead may not be guaranteed in these cases.

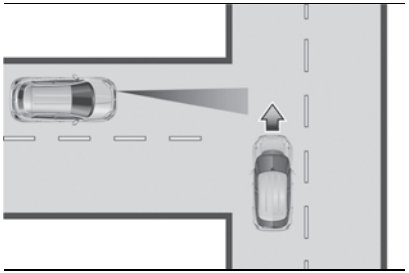
**Stationary objects and vehicles**

The device cannot detect the presence of stationary vehicles or objects. For example, the device will not operate if the vehicle ahead leaves the lane and a vehicle ahead of that one is standing on the lane.

Pay the utmost attention at all times and be always ready to press the brakes if needed.

**Objects and vehicles moving in opposite or crosswise direction**

The device cannot detect the presence of objects or cars travelling in opposite or crosswise direction fig. 144 and consequently will not be operated.



144 F1B0708

## 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**

***139)*** *Pay the utmost attention while driving at all times and be always ready to press the brakes if needed.*

***140)*** *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.*

***141)*** *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).*

***142)*** *The device cannot take account of road, traffic and weather conditions and conditions of poor visibility (e.g. fog).*

***143)*** *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.*

***144)*** *The device cannot apply the maximum braking force: the car will not be stopped completely.*

**IMPORTANT**

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

***59)*** *The section of the bumper in front the sensor must not be covered with stickers, auxiliary headlights or any other object.*
***60)*** *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.*
***61)*** *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.*
***62)*** *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.*
***63)*** *Do not wash with high-pressure jets in the bumper lower area: in particular do not operate on the system's electrical connector.*
***64)*** *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.*

# PARK ASSIST SYSTEM

(where provided)

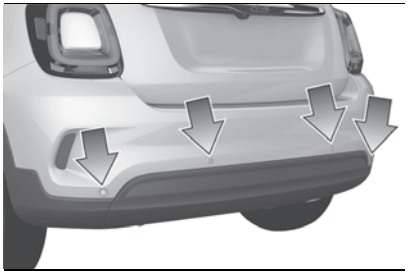
145)

65) 66) 67) 68)

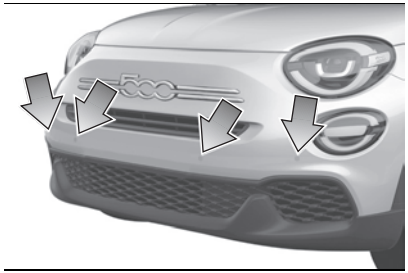
**Version with 4 sensors:** The parking sensors, located in the rear bumper fig. 145, are used to detect the presence of any obstacles near the rear part of the car.

**Version with 8 sensors:** The parking sensors, located in the front fig. 145 and rear fig. 146 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.



145 F1B0668

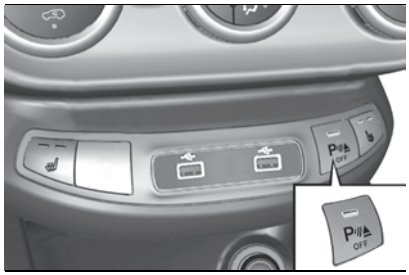


146 F1B0899

## Engagement / disengagement

To disengage the system press button P OFF fig. 147.

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.



147 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 lever is in neutral or the automatic transmission/dual clutch automatic transmission gear 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 dashboard switches on)
or
❒ when with the car standing the manual gear lever is in neutral or the automatic transmission/dual clutch automatic transmission is in P (park)

**Operation with 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. 147 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. 147 stays off. The rear sensors are automatically reactivated when the trailer's cable plug is removed.

## GENERAL WARNINGS

Some conditions may influence the performance of the parking system:

❒ reduced sensor sensitivity and a reduction in the parking assistance system performance could be due to the presence of: ice, snow, mud, 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 car, 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 car or fitting specific trims that require the car 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 cars 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***

***145)*** *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***

***65)*** *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.*

***66)*** *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.*

***67)*** *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.*

***68)*** *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)

(where provided)

### DESCRIPTION

69) 70) 71) 72) 73) 74)

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. If the intervention lasts longer than 10 seconds, an acoustic warning will be sent to alert the driver to move back into the lane.

WARNING 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.

WARNING The system monitors the presence of the driver's hands on the steering wheel. If the driver's hands are not detected on the steering wheel , the system will give acoustic warnings and visual warnings consisting of dedicated messages on the instrument panel display. The system will also be disabled.

## SYSTEM ON/OFF

The Lane Assist system can be enabled/disabled using button (A) fig. 148, located on the left stalk.

The system is active every time the engine is started.

To turn the system off, press the (A) fig. 148 button twice.


148 F1B0334C

**For Mild Hybrid versions**: the system is active each time the engine is started.

### Activation conditions

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

❒ the driver keeps at least one hand on the steering wheel

❒ car speed ranges between 60 km/h and 180 km/h

❒ one of the lane lines is perfectly visible

❒ there visibility conditions are suitable

❒ 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**

***69)*** *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.*

***70)*** *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.*

***71)*** *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.*

***72)*** *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.*
***73)*** *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.*
***74)*** *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)

⚠ 146) 147) 148)

75) 76) 77) 78) 79)

The system automatically detects the recognisable road signs by means of a sensor located on the windscreen fig. 149:

- speed limit indications
- no overtaking
- signs indicating the end of the prohibitions listed above

149 F1B0656

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

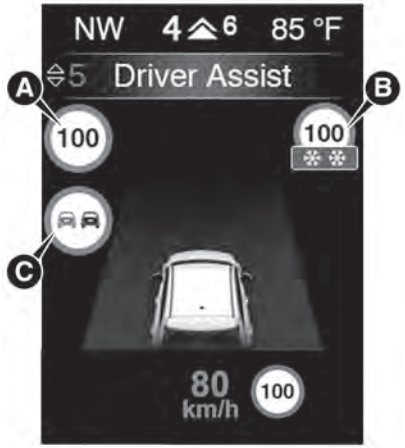
### System switching on and off

The system can be activated/deactivated using the menu of the **Uconnect™ 7" HD** and **Uconnect™ 7" HD Nav** 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. 150 (see the “Display” paragraph in the “Knowing the instrument panel” chapter):




150 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 external 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***

***146)*** *The system only detects preset traffic signs if the minimum visibility conditions and distance from the sign are met.*
***147)*** *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.*
***148)*** *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***

***75)*** *Functionality may be limited or the system may not work if the sensor is obstructed.*
***76)*** *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.*
***77)*** *The area surrounding the sensor must not be covered with stickers or any other object.*
***78)*** *Do not tamper or perform any operations in the area of the windscreen glass directly surrounding the sensor.*
***79)*** *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

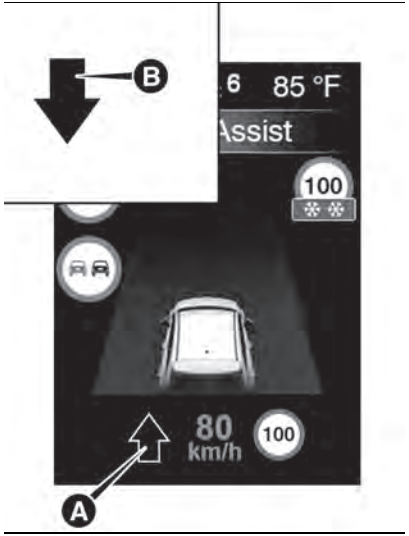
❒ Traffic Sign Recognition

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. 151 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. 151 will appear on the instrument panel.




151 F1B0707

## SYSTEM ACTIVATION

To activate the system, press the RES (A) fig. 152 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. 153 symbol lighting up on the instrument panel display.


152 F1B0730


153 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.

## DAA (Driver Attention Assist) SYSTEM

(where provided)

This is an auxiliary driving assistance system that detects when the driver is tired.

### Activation / deactivation

The system can be activated/deactivated by using the "Settings" menu of the Uconnect™ system and then selecting "Safety/ Driving Assistance" and finally "Driver Attention Assist".

### System intervention

The system intervenes if the camera in the centre of the windscreen detects that the driver is tired, based on variations in car trajectory and getting too close to the side of the road.

The (red) symbol appears on the instrument panel screen with a dedicated message suggesting the driver to stop and take a break. An acoustic warning is also emitted.

❒ If the driver **accepts** the suggestion provided by the system and stops for a pause, the message will disappear from the display and the symbol will be displayed in the dedicated area of the instrument panel display up to the next engine shutdown/restart.

❒ If the driver **ignores** the warning provided by the system and does not stop, the message will remain on the instrument panel display until the **OK** button located on the left hand side controls of the steering wheel is pressed. The symbol, will remain displayed in the dedicated area of the instrument panel display.

WARNING In the event of a system fault, the amber symbol appears on the instrument panel display together with a dedicated message.

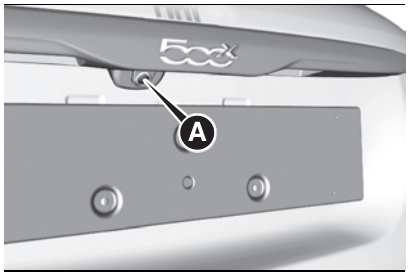
## REAR VIEW CAMERA

### DESCRIPTION

The (A) fig. 154 camera is located on the boot tailgate.

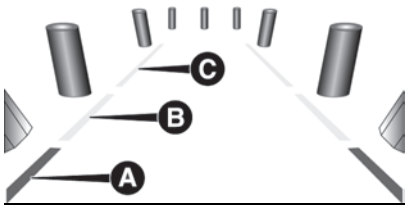
149)

80)




154 F1B0917

Every time reverse is engaged, the display fig. 155 shows the area around the car, as seen by the rear camera.




155 F1B0167C

## SYMBOLS AND MESSAGES ON THE DISPLAY

The active line grid is positioned on the image to illustrate the width of the vehicle and the expected reversing path in accordance with the steering wheel position. A superimposed central broken line indicates the centre of the car to facilitate parking manoeuvres or tow hook alignment. The various coloured areas indicate the distance from the rear of the car.

The table below shows the approximate distances for each area fig. 155:

| 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***

***149)*** *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***

***80)*** *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

## WARNINGS

**150) 151)**

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 a specialised technician.

Install any specific and/or additional rear-view mirrors as specified by the Highway Code.

Remember that, when towing a trailer, steep hills are harder to climb, braking distances increase and overtaking takes longer depending on the overall weight of the 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 loading capacity of the car by the same amount.

To make sure that the maximum towable weight is not exceeded (given

in the registration document) account should be taken of the fully laden trailer, including accessories and luggage.
Do not exceed the speed limits specific to each country you are driving in, in the case of vehicles towing trailers.
In any case, the top speed must not exceed 100 km/h.
Any electric brake must be powered directly by the battery through a cable with a cross-section of no less than 2.5 mm². In addition to the electrical branches, the 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 15W. For connections use the preset control unit with battery cable with cross-section no less than 2.5 mm². 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 car 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***

***150)*** *The ABS with which the car is equipped will not control the braking system of the trailer. Particular caution is required on slippery roads.*
***151)*** *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.*

## "eCoasting" mode (ENERGY SAVING)

(Mild Hybrid versions)
It is a mode that, when the accelerator pedal is released, recovers energy during the slowing down phase of the car.
The "eCoasting" mode, always active regardless of the selected operating mode (use of the heat engine or electric motor), maximises energy recovery when the accelerator and brake pedals are released.
Driving in "eCoasting" mode is possible if the automatic transmission/electrified dual clutch automatic transmission gear lever is in "D" (Drive).

### INTERVENTION TYPE SELECTION

During deceleration, with a gear engaged, the electric motor charges the auxiliary lithium battery (48V) and the traditional battery (12V).
When the accelerator pedal is released with the gear engaged. the electric motor acts as an engine brake (eCoasting mode): this contribution is increased by pressing the brake pedal at the same time (eBraking mode). The recovered energy is made available later, helping to save fuel.
NOTE If the conventional battery (12V) is flat, there is no energy recovery to

the auxiliary lithium battery (48V), and therefore the “Power Flow” screen of the **Uconnect™** system does not display the relative charging flows.

## "eBraking” MODE

(Mild Hybrid versions)
If braking with a gear engaged, the electric motor will charge the lithium auxiliary battery (48V).
The electric motor acts as an engine brake (“eCoasting” mode): this contribution is increased by pressing the brake pedal at the same time ("eBraking” mode). The recovered energy is made available later, helping to save fuel.
NOTE If the conventional battery (12V) is flat, there is no energy recovery to the auxiliary lithium battery (48V), and therefore the “Power Flow” screen of the **Uconnect™** system does not display the relative charging flows.

## eAuto MODE

(Mild Hybrid versions)

### "e Auto Off” BUTTON

On the central dashboard, fig. 156, there is an "e Auto Off" button which, when pressed, deactivates the "eAuto" function and, when allowed by the operating strategies, allows the heat engine to be switched off when the accelerator pedal is released (this could increase fuel consumption).


156 F1B0904

WARNING With the electrified dual clutch automatic transmission operating in “sequential mode”, the “eAuto" mode deactivates automatically (LED on the "e Auto OFF” button is ON). In this case, trying to press the "e Auto OFF" button to try to activate the "eAuto” mode, a dedicated message will appear on the instrument panel display, indicating that this mode is not available.

## "eCreeping” MODE

(Mild Hybrid versions)
This mode makes it possible, with the heat engine off, to move the car forwards or backwards in electric mode by releasing the brake pedal and without having to press down on the accelerator pedal as soon as the lever for the electrified dual clutch automatic transmission is moved to "D" (Drive), "R" (Reverse) or when selecting “Sequential mode” ("creeping" effect).
NOTE "eCreeping" mode is only performed if the lithium ion auxiliary battery (48V) is charged sufficiently.
For more information on the use of the electrified dual clutch automatic transmission, see what is described in the relative chapters in this section.

## "eLaunch" MODE (START OF ELECTRIC MODE)

(Mild Hybrid versions)
This mode makes it possible, with the heat engine off, to start in electric mode without decreasing car performance.
Pressing the accelerator, the car will start to move forward as soon as the electrified dual clutch automatic transmission lever is moved.
NOTE "eLaunch" mode is activated only if the auxiliary lithium ion battery (48V) is sufficiently charged.

## "eQueueing" MODE

(Mild Hybrid versions)
This mode makes it possible to follow a queue, in which there are various stops and consecutive starts ("Stop&Go") of the car, using the "eCreeping", "eLaunch" and electric driving modes.
NOTE "eQueueing" mode is activated only if the auxiliary lithium ion battery (48V) is sufficiently charged.

## "eBoosting" MODE

(Mild Hybrid versions)
This mode permits the simultaneous operation of the heat engine and electric motor (combined with the electrified dual clutch automatic transmission).
As long as the lithium ion battery (48V) is sufficiently charged, this mode supports the delivery of engine torque (sum of the engine torque delivered by the heat engine and by the electric motor, without ever exceeding the maximum torque value for only the heat engine).

### "Overboost"

By pressing the accelerator pedal down fully ("kick-down" function), and when the lithium ion battery (48V) is has a high state of charge, it is possible to exceed the torque of only the heat engine, thanks to the additional torque provided by the electric motor.

## "eParking" MODE

(Mild Hybrid versions)
This mode makes it possible, thanks to the electric motor, to perform parking manoeuvres at a low speed with the electrified dual clutch automatic transmission gear lever in D (Drive) or R (Reverse).
When "eParking" mode is active, the heat engine is off, and the electric motor functions as a generator to charge the auxiliary lithium ion battery (48V).
The movement of the car, or the acceleration phase, is performed by moving the electrified dual clutch automatic transmission gear lever to D (Drive).
NOTE "eParking" mode is activated only if the auxiliary lithium ion battery (48V) is sufficiently charged.

### PARKING MANOEUVRES

These manoeuvres can be performed:
❒ in "eCreeping" mode with the accelerator pedal released
or
❒ in "eLaunch" mode, if the accelerator is pressed by the driver
The performance must be supplied within the limits of the state of charge of the auxiliary lithium ion battery (48V) and the available energy.

# REFUELLING THE CAR

⚠ 152) 153) 154)

## PETROL AND MILD HYBRID ENGINES

Only use unleaded petrol with an octane number (R.O.N.) not lower than 95 (EN228 specification).

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

## DIESEL ENGINES

81)

Only use Diesel fuel for motor vehicles (EN590 specification).

If refuelling with diesel whose specifications are not suitable for the usage temperature, it is advisable to mix PETRONAS DURANCE DIESEL ART additive in the proportions shown on the container with the fuel. Pour the additive into the tank before the fuel.

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.

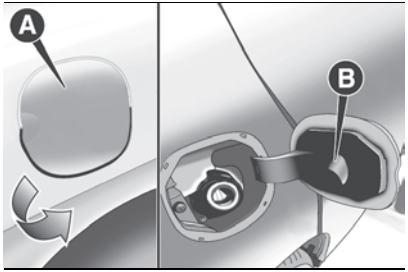
## REFUELING PROCEDURE

### Opening the flap

To refuel proceed as follows:

❒ open flap (A) fig. 157, pulling the tab outwards

❒ introduce the nozzle in the filler and refuel




157 F1B0719

❒ when the fuel nozzle "clicks" or shuts off, before removing the nozzle, 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 the flap (A)

Flap A is provided with a dust boot (B) which prevents deposits of impurities and dust at the end of the filler when the flap is closed.

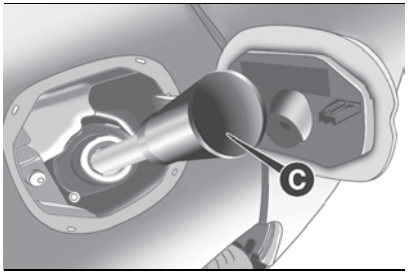
### Emergency refuelling

Proceed as follows:

❒ open the boot and take adapter (C) fig. 158, located in the tool bag or in the Fix&Go container, depending on the versions

❒ open flap (A) fig. 157, as described previously

❒ insert the adaptor in the filler as shown and refuel




158 F1B0725

❒ after refuelling, remove the adapter and close the flap

❒ finally, put the adaptor back in the boot

## TOPPING UP AdBlue® DIESEL EMISSIONS ADDITIVE

(Diesel versions only)

(where provided)

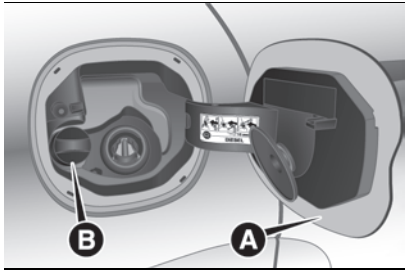
82)

### 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 ignition device in the OFF position
❒ open the fuel flap (A) fig. 159 and then unscrew and remove the cap (B) (blue) from the AdBlue® filler




159 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 further with 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 the "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter), fill the AdBlue® tank with a maximum of 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. 159 back on the AdBlue® filler by turning it clockwise and screwing it completely
❒ move the ignition device 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 “Refilling ” 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.

**ATTENTION**

**❒ 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 what is described in this paragraph**
**❒ If AdBlue® is spilled on painted or aluminium surfaces, clean the area immediately 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 the "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter)**

**❒ Never pour AdBlue® into another container: it could be contaminated**

**❒ If the exhaust gas purification system is damaged due to the use of additives/tap water, diesel or due to the failure to comply with these requirements, the warranty shall lapse**

**❒ If the AdBlue® runs out, see the "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter to continue using the car normally**

**❒ The AdBlue® level is not updated if the car is parked on a road with a gradient**

**❒ The consumption of AdBlue® emissions additive depends on the conditions of use of the car and is indicated by means of the symbol which lights on**

**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**

***WARNING***

***152)*** *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.*

***153)*** *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.*

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

***IMPORTANT***

***81)*** *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.*

***82)*** *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.

## DRIVING TIPS

### PROTECTING THE ENVIRONMENT

Here are some tips:

❒ Plan your route for effective average speed

❒ observe the service and maintenance intervals of the vehicle as stated in the Service and Warranty Booklet

❒ do not operate the heat engine at minimum engine speed and turn it off in the event of prolonged stops in a queue (excluding Mild Hybrid versions). Comply with the regulations of the country where you are driving

❒ plan the route: multiple unnecessary stops and an irregular speed contribute to an increase in fuel consumption

### SAVING FUEL

Below are some suggestions which may help you save fuel and thus lower the amount of harmful emissions released into the atmosphere.

#### Car maintenance

Checks and maintenance should be carried out in accordance with the "Service Schedule" (see the "Maintenance and care" section).

#### Tyres

Check the tyre pressures at least once every four weeks: if the pressure is too low, consumption levels increase as resistance to rolling is higher.

#### Unnecessary loads

Do not travel with an overloaded boot. The weight of the car and its arrangement greatly affect fuel consumption and stability.

#### Roof rack/ski rack

(where provided)

Remove the roof rack or the ski rack from the roof when they are not used. These accessories lower aerodynamic penetration and adversely affect consumption levels. When transporting particularly large objects, use a trailer if possible.

### Electric devices

Use electrical devices only for the amount of time needed. The heated rear window, windscreen wipers and heater fan require a considerable amount of energy; increasing the current uptake increases fuel consumption (by up to +25% in an urban cycle).

### Climate control system

Using the climate control system will increase consumption: use standard ventilation when the temperature outside permits.

### Devices for aerodynamic control

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

## DRIVING STYLE

### Start

Do not warm up the engine at low or high revs when the car is stationary; this causes the engine to warm up more slowly, thereby increasing fuel consumption and emissions. It is therefore advisable to move off immediately, slowly, avoiding high speeds: in this way the engine will warm up more quickly.

### Unnecessary actions

Avoid revving up when starting at traffic lights or before stopping the engine. The latter action, as well as double-declutching, is unnecessary and causes increased fuel consumption and pollution.

### Gear selection

Use a high gear when traffic and road conditions allow it. Using a low gear for faster acceleration will increase fuel consumption. In the same way, improper use of a high gear increases consumption, emissions and engine wear.

### Top speed

Fuel consumption considerably increases as speed increases. Maintain a constant speed, avoiding unnecessary braking and acceleration, which cost in terms of both fuel consumption and emissions.

### Acceleration

Accelerating violently severely affects consumption and emissions: acceleration should be gradual and should not exceed the maximum torque.

## TIPS FOR DRIVING HYBRID CARS

(Mild Hybrid versions)

To ensure maximum autonomy and minimize energy consumption, observe the precautions below.

### Exploitation of inertia force

At a traffic light, release the accelerator pedal, allowing the car to decelerate.

On downhill stretches, release the accelerator pedal, letting the car proceed by inertia.

The hybrid system is able to recover energy from braking and slowing down: making effective use of these driving phases emphasizes the peculiarities of a hybrid car and its efficiency.

### Switching off superfluous functions

If not strictly necessary, remember to switch off functions such as seat heating or activation of the heated rear window.

### Energy recovery optimization

Energy recovery is a characteristics of hybrid vehicles and makes it possible to make more efficient use of the “passive” driving phases (deceleration and braking), recovering energy and charging the auxiliary battery, making it possible to use the recovered energy during subsequent accelerations.

The energy recovery optimization, during acceleration and braking, is carried out in three phases:

❒ **Light energy recover** during deceleration without pressing the brake pedal

❒ **Medium energy recovery** during slight deceleration slightly pressing the brake pedal

❒ **Maximum energy recovery**: if the brake pedal is depressed deeper, provided that the indicator located on the power meter on the instrument panel display still moves in the charge indication middle space

### Optimal energy recovery

Optimising energy recovery is possible by adopting an appropriate driving style.

### Electrical operating mode

The range of the car in electric mode is influenced by several factors (including electrical devices such as air conditioning, **Uconnect™**system, lighting, etc.) and varies depending on driving conditions and/or traffic.

## CONDITIONS OF USE

(versions with heat engine)

### Cold starting

Short journeys and frequent cold starts do not allow the engine to reach optimum operating temperature. Consequently, both consumption (from +15 to +30% on the urban cycle) and emissions will increase.

### Traffic and road conditions

High fuel consumption is caused by heavy traffic, for instance when travelling in a queue with frequent use of low gears or in cities with many traffic lights. Winding mountain roads and rough road surfaces also adversely affect consumption.

### Stops in traffic

During prolonged hold-ups (e.g. level crossings) switch off the engine.

## TRANSPORTING PASSENGERS

### Important notes

WARNING It is extremely dangerous to leave children in a parked car when the temperature outside is very high. The heat inside the passenger compartment may have serious, or even fatal, consequences.

WARNING Never travel in the internal load compartment. In the event of an accident, anyone inside the boot would be at greater risk of serious or even fatal injury.

WARNING Ensure that all the occupants of the car wear their seat belts correctly and that any children are positioned correctly on the dedicated child restraint systems.

## EXHAUST GAS

Adequate maintenance of the exhaust system represents the best protection against leaks of carbon monoxide into the passenger compartment.

Should an unusual noise from the exhaust system or the presence of exhaust gas in the passenger compartment be identified, or if the underbody or rear part of the car is damaged, have the entire exhaust system and adjoining bodywork areas checked to identify any broken components which are broken, damaged, worn or have moved from their correct fitting position. For these operations, contact a Fiat Dealership.

# IN AN EMERGENCY

*Have a flat tyre or a burnt-out bulb? At times, a problem such as these may interfere with your driving experience. The pages on emergencies can help you to deal with critical situations independently and calmly.*

*In an emergency, we recommend that you call the phone 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. 160 to switch the lights on/off.

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


160 F1B0916

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

⚠ 155) 156) 157) 158)

⚠ 83)

## GENERAL INSTRUCTIONS

❒ Before changing 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

❒ if a bulb is not working, check that the corresponding fuse is intact before changing it. For the location of fuses, refer to the paragraph "If a fuse blows" in this chapter

WARNING When the weather is cold or damp or after heavy rain or washing, the surface of headlights or rear lights may steam up and/or form drops of condensation on the inside. This is a natural phenomenon due to the difference in temperature and humidity between the inside and the outside of the glass which does not indicate 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.

## BULB TYPES

**The car is equipped with the following bulbs**

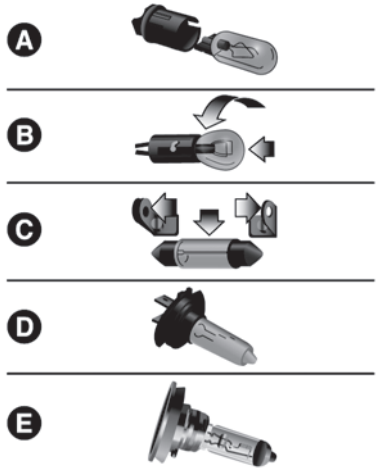
**Glass bulbs (type A)**: they are press-fitted. Pull to extract.

**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 |
| Third brake light | 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 |
| Rear ceiling light (versions without soft top) | C5W | 5W | A |
| Rear ceiling lights (versions with soft top) | C5W | 5W | C |

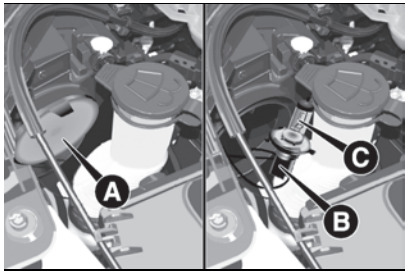
| Light bulbs | Type | Power | Figure reference |
|---|---|---|---|
| Boot lights | W5W | 5W | A |

## REPLACING AN EXTERNAL BULB

### Main beam/dipped beam headlights (halogen)

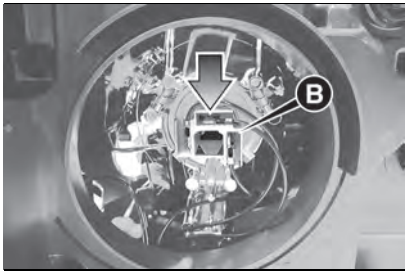
To replace the bulb, proceed as follows:

❒ working from inside the engine compartment, remove the rubber cap (A) fig. 161, using the dedicated tab




161 F1B0146C

❒ press the electrical connector (B) fig. 162 downwards to release the bulb and bulb holder assembly from the housing




162 F1B0710

❒ pull out the bulb holder
❒ 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 correctly locked
❒ refit the rubber cap (A)

WARNING 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)

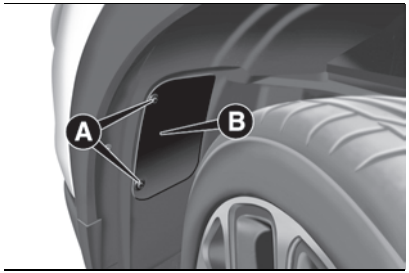
(where provided)

To replace them, contact a Fiat Dealership.

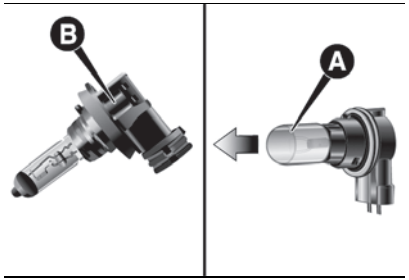
### Side lights/daytime running lights (DRL) (halogen)

To replace the bulbs, proceed as follows:

❒ steer the car wheels completely inwards




163 F1B0147C




164 F1B0253C

❒ using the screwdriver provided, undo the screws (A) fig. 163 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. 164
❒ finally, refit the inspection flap (B) fig. 163, completely tightening the fixing screws (A)

### Front direction indicators

To replace the bulbs, proceed as follows:

❒ steer the car wheels completely inwards
❒ using the screwdriver provided, undo the screws (A) fig. 163 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. 164
❒ finally, refit the inspection flap (B) fig. 163, completely tightening the fixing screws (A)

### Fog lights (halogen)

To replace the bulbs, proceed as follows:

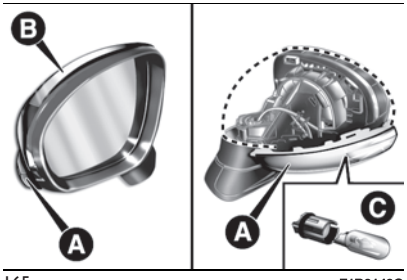
❒ steer the car wheels completely inwards
❒ using the screwdriver provided, undo the screws (A) fig. 163 and remove the inspection flap (B)
❒ identify the fog light bulb
❒ turn the bulb and bulb holder assembly anticlockwise and then remove it sliding it outwards
❒ disconnect the electrical connector
❒ replace the bulb and bulb holder assembly (B) fig. 164
❒ reconnect the electrical connector to the new bulb and bulb holder assembly, then fit it ensuring that it locks correctly
❒ fit the assembly turning it clockwise, ensuring that it locks correctly
❒ finally, refit the inspection flap (B) fig. 163, completely tightening the fixing screws (A)

### Side direction indicators

WARNING 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:

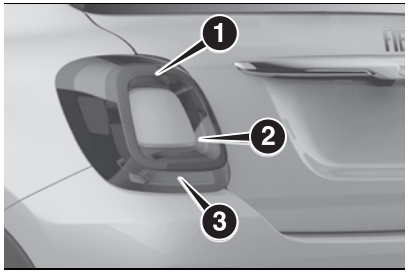
❒ remove the cap (B) fig. 165 of the door mirror very carefully (using suitable equipment in order not to damage the paintwork) around the frame of the mirror itself (as shown in the figure)



165 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 the bulb holder on the lens (A)
❒ refit the cap (B) on the door mirror correctly, ensuring that it locks

## Rear bulb position




166 F1B0900

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

### Tail lights

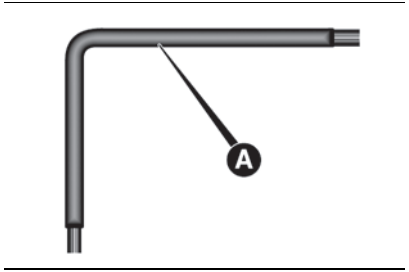
The tail lights are LED-type. For replacing these bulbs, contact a Fiat Dealership.

### Brake lights

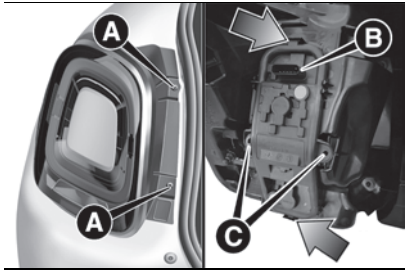
The brake lights are LED-type. For replacing these bulbs, contact a Fiat Dealership.

### Rear fog lights, reversing light, rear direction indicators

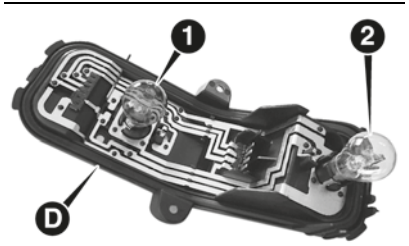
To replace the bulbs, proceed as follows:




167 F1B0022C




168 F1B0723




169 F1B0724

❒ open the tailgate
❒ using the tool (A) fig. 167 provided (located in the pouch containing the handbook), undo the two screws (A) fig. 168, 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 shown by the arrows and extract the bulb holder assembly (D) fig. 169
❒ identify the bulb to be replaced (1 Direction indicator - 2 Rear fog light or Reverse gear)
❒ all bulbs are "bayonet-fitted"; therefore they must be lightly pressed and simultaneously turned to be replaced: anticlockwise for extraction, clockwise for fitting
❒ reposition the bulb holder assembly (D) correctly in the headlight body; proceed until you hear the tabs click
❒ tighten the two screws (C) fig. 168 and reconnect the connector (B)
❒ refit the lens by screwing the two screws completely (A)
❒ close the tailgate again

### 3rd brake lights

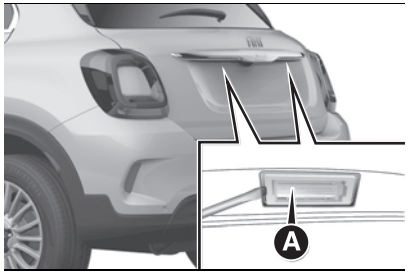
The 3rd brake lights are LED-based. To replace them, contact a Fiat Dealership.

**Number plate lights - Versions with halogen bulbs**

(where provided)

To replace the bulbs, proceed as follows:

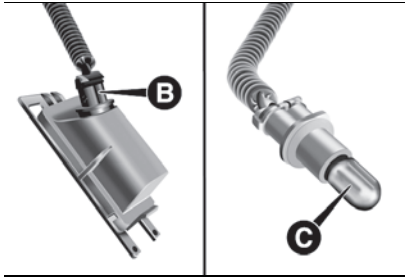
❒ using the screwdriver provided, remove the lenses (A) fig. 170 working in the point




170 F1B0901

❒ turn the bulb holder (B) fig. 171 anticlockwise, extract the bulb (C) and replace it

❒ finally, refit the lenses




171 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)

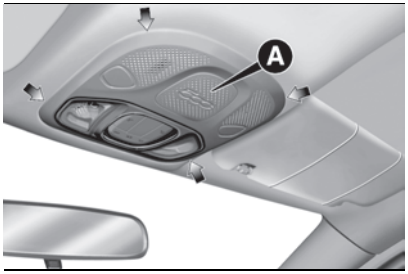
For replacing these bulbs, contact a Fiat Dealership.

## REPLACING AN INTERNAL BULB

**Front ceiling light**

To replace the bulbs, proceed as follows:

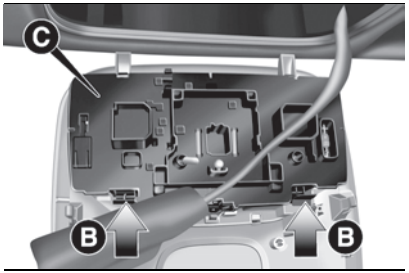
❒ remove the ceiling light (A) fig. 172 working at the points indicated by the arrows



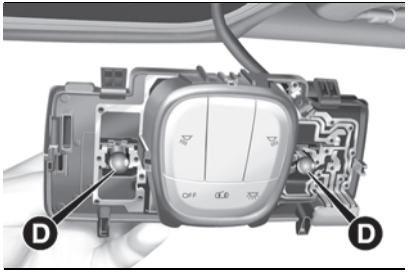

172 F1B0155C

❒ use the tabs (B) fig. 173 and remove the bulb holder assembly (C)

❒ replace bulbs (D) fig. 174, pulling them outwards




173 F1B0156C




174 F1B0157C

❒ insert the new bulbs, making sure that they are locked correctly

❒ refit the bulb holder (C) fig. 173 correctly, making sure the tabs click into place (B)

❒ finally, refit ceiling light (A) fig. 172 in position, making sure that it locks correctly

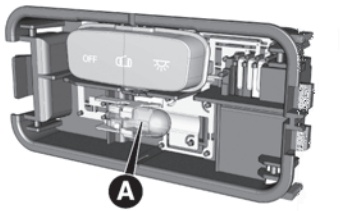
**Rear ceiling light**

*Versions without soft top*

To replace the bulbs, proceed as follows:

❒ operate in the points indicated by the arrows and remove ceiling light (A) fig. 175 complete with its frame


175 F1B0160C



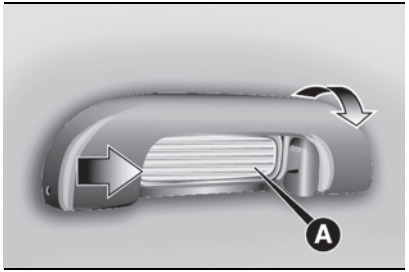

176 F1B0326C

❒ remove the lens assembly and replace the press-fit bulb (A) fig. 176, making sure that it locks correctly

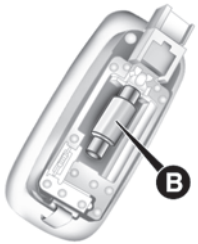
*Versions with soft top*

To replace the bulbs, proceed as follows:

❒ lower the support handle and, in the direction indicated by the arrow remove ceiling light unit (A) fig. 177




177 F1B0162C




178 F1B0331C

❒ change the bulb (B) fig. 178, releasing it from the side contacts

❒ insert the new bulb and make sure that it is correctly clamped between the contacts

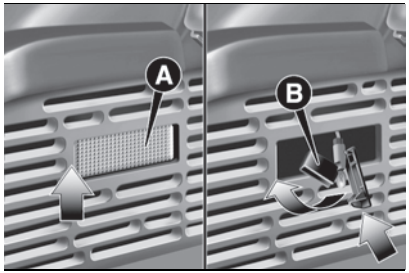
❒ refit the ceiling light (A) by inserting it into position, first on one side and then pressing on the other until it clicks into place

**Boot lights**

To replace the bulb, proceed as follows:

❒ open the boot and extract the ceiling light (A) fig. 179 working in the point shown by the arrow

❒ open the cover (B) and replace the bulb




179 F1B0161C

❒ close the cover (B) on the lens

❒ refit the ceiling light (A) in the correct position, inserting it first on one side and then pressing on the other side until it clicks into place

***WARNING***

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

***156)*** *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.*
***157)*** *Halogen bulbs contain pressurised gas, in the case of breakage they may burst causing glass fragments to be projected outwards.*
***158)*** *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***

***83)*** *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.*

# IN CASE OF ACCIDENT

(Mild Hybrid versions)
To minimise the risk of serious injury, observe the following precautions:
❒ park safely at the roadside, apply the electric parking brake, turn the automatic transmission gear lever to P (Park) and switch off the engine
❒ **contact roadside assistance immediately**
❒ if you notice any electrolyte leakage from the auxiliary battery, do not go near the car. If the electrolyte from the battery comes into contact with the eyes or skin, blindness or skin lesions may occur. Any vapours released from the electrolyte, if inhaled, may also cause a risk of intoxication. In the case of contact with electrolyte, rinse immediately and thoroughly with water and contact a physician immediately
❒ do not go near the auxiliary battery with naked flames: danger of FIRE. In the case of a fire, move away from the area surrounding the car and call roadside assistance immediately
❒ if the car has been seriously damaged, maintain a safe distance between the car and the other cars / flammable materials

# FUSES

159) 160) 84)

***WARNING***

***159) Replacement of a fuse.*** *All work may be performed only by a Fiat Dealership or a qualified repair workshop. The replacement of a fuse by a third party may cause a serious car fault.*
***160) Installation of electrical accessories.*** *The car's electrical circuit is designed to function with standard or optional equipment, before installing other electrical equipment or accessories in the vehicle contact a Fiat dealership or a qualified repair workshop.*

***IMPORTANT***

***84)*** *The manufacturer shall not be held liable for expenses resulting from car repair or anomalies resulting from the installation of accessories not provided or recommended by the manufacturer and not installed according to specifications, in particular when the combined consumption of all additional equipment connected exceeds 10 mA.*

# CHANGING A WHEEL

## JACK

⚠ 161) 162)

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

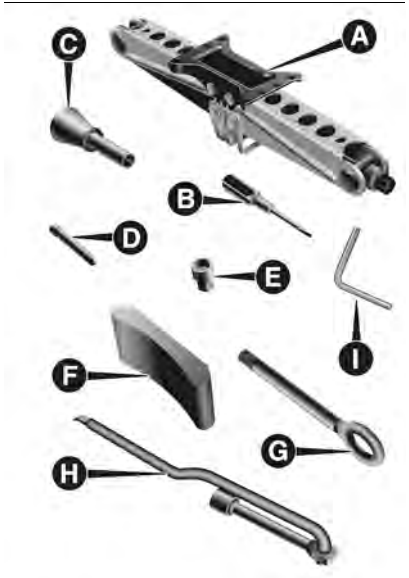
❒ temperatures below −40°C;
❒ on sandy or muddy ground;
❒ on uneven ground;
❒ on steep roads;
❒ in extreme weather conditions: thunderstorms, typhoons, hurricanes, blizzards, storms, etc...
❒ in direct contact with the engine or for repairs under the car;
❒ on boats.

## CHANGING PROCEDURE

⚠ 163) 164) 165) 166) 167) 168) 169)

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);
❒ Put on the reflective safety jacket before getting out of the car (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 boot and set the adjustable load platform in the diagonal position (see "boot" 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 contains fig. 180: jack (A); screwdriver (B); emergency refuelling 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) for locking the wheel and car; tow ring (G); wrench (H) for the wheel stud bolt and jack; hex wrench (I) for emergency soft top operation (where provided);

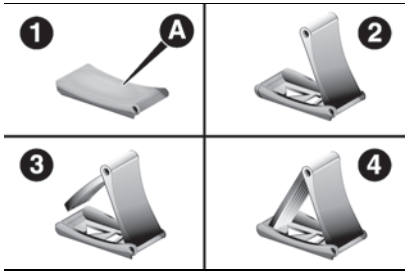



180 F1B0918

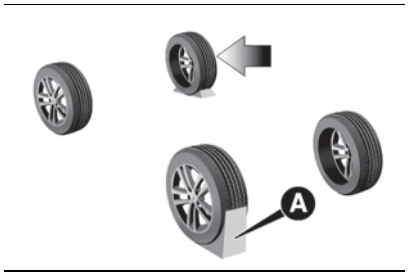
❒ raise the mat (A) fig. 181 and take the space-saver wheel (B);
❒ position the spare wheel and tool bag next to the wheel for changing;


181 F1B0219C

❒ take the chock (A) (where provided) fig. 182and fold it out as shown in the diagram;
❒ place the chock (A) on the wheel diagonally opposite the one to be replaced (see fig. 183) to prevent the vehicle from moving irregularly when it is lifted from the ground;

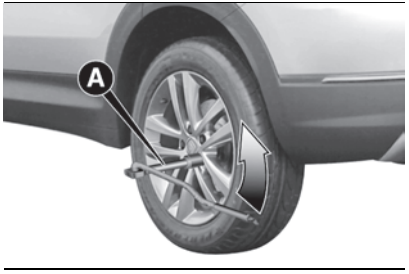



182 F1B0220C




183 F1B0221C

❒ use wrench (A) fig. 184 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 car, near the wheel to be changed;




184 F1B0223C

❒ insert the wrench (A) fig. 185 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;


185 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. 186;


186 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 boot, then return the adjustable load platform to the level position (see "boot" 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 boot becomes slightly uneven.

## REFITTING THE STANDARD WHEEL

Following the procedure described previously, raise the car and remove the space-saver wheel.
Then refit the standard wheel proceeding as described below.
❒ make sure the contact surfaces between the wheel and hub are clean so that the stud bolts will not become loose subsequently;
❒ to simplify fitting of the wheel, screw the centring pin into the highest hole in the wheel hub then fit the wheel onto the hub and screw on the stud bolts using the wrench provided;
❒ lower the car and remove the jack;
❒ using the wrench provided, fully tighten the 5 stud bolts in the sequence shown previously;

### At the end of the operation

Proceed as follows:
❒ stow the space-saver wheel in the compartment provided in the boot;
❒ put the jack and the tools used aware in the correct positions;
❒ replace the mat in the boot, then return the adjustable load platform to the level position (see "boot" section of the "Getting to know your car" chapter).

**WARNING**

***161)*** *The jack is a tool developed and designed only for changing a wheel, if a tyre gets punctured or damaged, on the car with which it is supplied or on other cars of the same model. It must not be used, for example, to jack other vehicle models or objects. Never use it to carry out maintenance or repairs under the car 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 car raised. If the car is raised more than necessary, everything can become more unstable, with the risk of the car dropping violently. Thus, lift the car only as needed in order to access the space-saver spare wheel.*
***162)*** *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.*
***163)*** *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.*

***164)*** *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.*

***165)*** *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.*

***166)*** *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!*

***167)*** *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.*

***168)*** *The space-saver wheel cannot be fitted with snow chains. If a front (drive) tyre is punctured and chains are needed, use a standard wheel from the rear axle and install the space-saver wheel on the rear axle. In this way, with two normal drive wheels at the front axle, it is possible to use snow chains.*

***169)*** *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" section.*

# FIX&GO KIT

## DESCRIPTION

(where provided)

**170) 171) 172) 173) 174) 175) 176) 177)**

**85) 86)**

**7)**

The car may be equipped with a different Fix&Go (Kit OPT1 or Kit OPT2) according to the version.

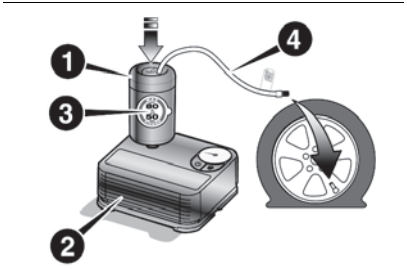
### OPT1 kit

The Fix&Go quick tyre repair kit fig. 187 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).




187 P2000158

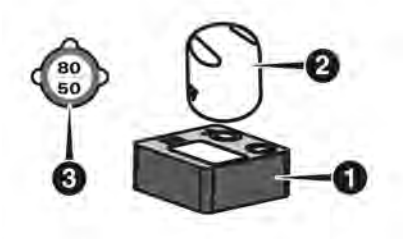
⚠ 178)

⚠ 179)

## OPT2 kit

⚠ 180) 181) 182)

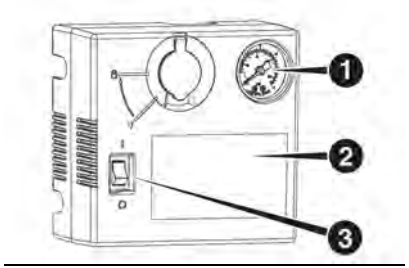
The TireKit fig. 188 is located in the boot or in the toolbox and consists of a compressor (2) and a cartridge containing sealing fluid (1) and an adhesive sticker (3) with the wording “80 km/h / 50 MPH", which is to be placed in a clearly visible position (e.g. instrument panel) after the tyre repair.




188 F1B0921

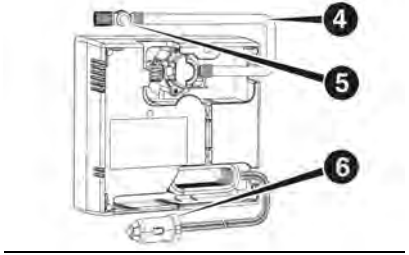
The TireKit comprises:

❒ (1) fig. 189: pressure gauge
❒ (2): instruction label
❒ (3): ON-OFF switch



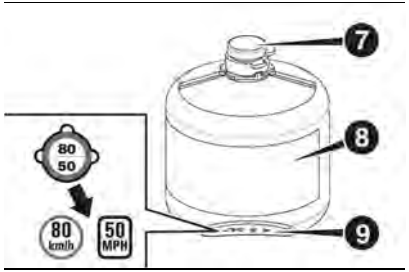

189 F1B0918

❒ (4) fig. 190: air tube
❒ (5): inflation button
❒ (6): power supply cable / 12V plug




190 F1B0919

❒ (7) fig. 191: cap for sealant bottle
❒ (8): sealant bottle and expiry date
❒ (9): speed label




191 F1B0920

## REPAIR PROCEDURE

### Preliminary operations

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;

❒ Put on the reflective safety jacket before getting out of the car (if required by the regulations in force). In any case, follow the road safety laws in force in the country where you are driving;

❒ Make sure that any passengers get out of the car and go to a safe place where they will not obstruct traffic or be exposed to the risk of injury. In the event of a puncture, change the tyre in accordance with the laws of the country in which you are travelling;

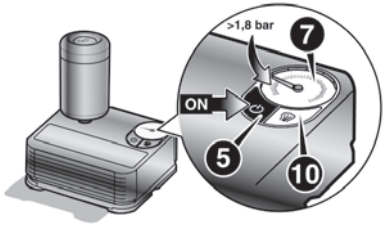
## Tyre repair (OPT1 kit)

Proceed as follows:

❒ insert the sealant cartridge (1) into the corresponding compressor compartment (2)and press it down hard fig. 187. Remove the speed limit sticker (3) and apply it in a clearly visible position fig. 192;

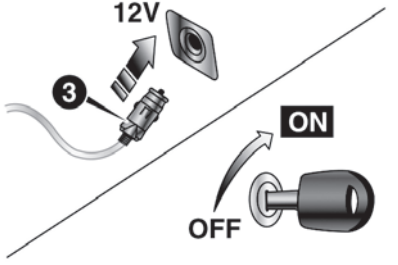

192 P2000162

❒ wear the gloves;
❒ remove the cap from the tyre valve and connect and screw the transparent tube of the sealant (4) fig. 187 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. 193 is in the off position (button not pressed);




193 P2000160

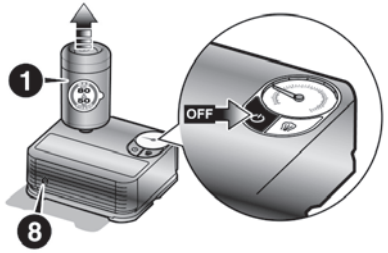
❒ insert the electrical connector (3) fig. 194 into the 12V socket on the car and start the engine;




194 P2000159

❒ operate the compressor by pressing the ON/OFF button (5) fig. 193. 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;

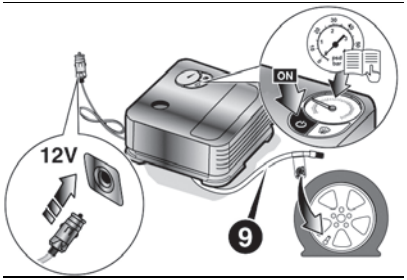
❒ disconnect the cartridge (1) from the compressor, by pressing the release button (8) and lifting the cartridge (1) upwards fig. 195.




195 P2000161

If the pressure gauge (7) fig. 193 indicates a pressure lower than 1.8 bar / 26 psi 15 minutes after starting the compressor, switch off the compressor, disconnect the sealant tube (4) from the tyre valve and remove the cartridge (1) from the compressor fig. 195.

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.




196 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. 196

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.

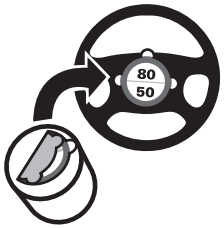
### Tyre repair (OPT2 kit)

Proceed as follows:

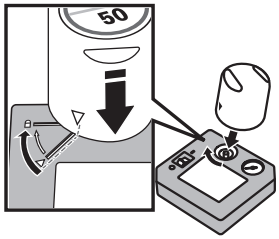
❒ take the kit, detach the speed limit sticker fig. 191 and apply it in a clearly visible position fig. 197

❒ open the cap on the compressor, engage the cartridge and turn a quarter turn clockwise, fig. 198

❒ remove the cap from the tyre valve and screw the black compressor tube onto the valve




197 F0S0780



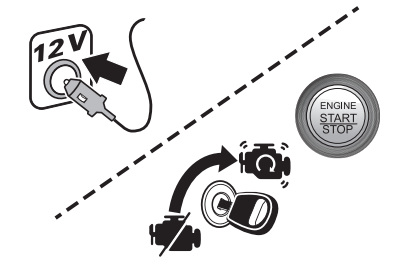

198 F0S0781

❒ make sure that the ON/OFF button is in the off position (button in position 0)

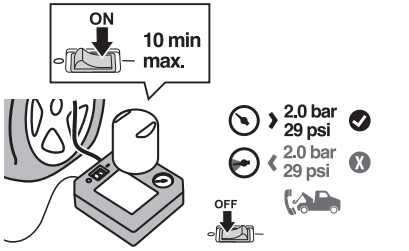
❒ insert the electrical connector fig. 199 into the 12V socket on the car

❒ activate the compressor setting the ON-OFF button, fig. 200, to the on position (button in position I)

❒ when the pressure gauge indicates the prescribed pressure (see the "Wheels" chapter in the "Technical Data" section) or on the label, switch the compressor off by turning the button to the 0 (OFF position)



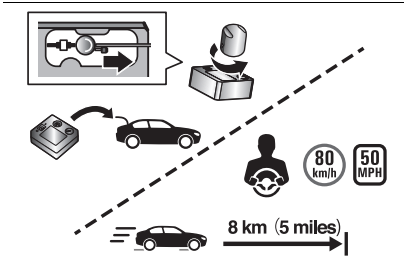

199 F0S0783




200 F0S0784

If the pressure gauge fig. 201 indicates a pressure lower than 2.0 bar / 29 psi 10 minutes after starting the compressor, switch off the compressor, disconnect the black tube of the compressor from the tyre

valve and undo the cartridge from the compressor turning it by one quarter of a turn anticlockwise and lift it. Move the car by approximately 10 metres to allow the distribution of the sealant.



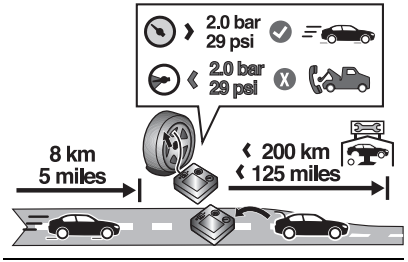

201 J0A5092

Turn off the engine, turn on the hazard warning lights, stop the car safely, activate the electric parking brake and engage 1st gear if driving uphill or reverse gear if driving downhill, steer the wheels completely. When parked on a steep slope, place a chock, or a rock, behind the wheels and restore the pressure using the black compressor tube until reaching the prescribed pressure.

If the pressure is still lower than 2.0 bar / 29 psi 10 minutes after turning on, do not resume driving, but contact a Fiat Dealership.

After driving for approx. 8 km / 5 miles fig. 202, park the car in a safe and convenient area, turn off the engine, turn on the hazard warning lights and activate the electric parking brake; engage the 1st gear if driving uphill or the reverse gear if driving downhill, with the wheels completely turned. When parked on a steep slope, place chocks or a rock behind the wheels.

Take the compressor and restore the pressure using the black inflation tube. If the pressure shown is higher than 2.0 bar / 29 psi, restore the pressure and drive safely to a Fiat Dealership as soon as possible. If, however, the pressure is lower than 2.0 bar / 29 psi, do not resume driving but contact a Fiat Dealership.




202 J0A5093

## PROCEDURE FOR RESTORING THE PRESSURE

(OPT1 kit)

Proceed as follows:

❒ stop the car safely, as described above, and operate the handbrake;

❒ extract the black inflation tube (9) fig. 196 and screw it firmly onto the tyre valve. Follow the instructions shown in fig. 194 and fig. 196.

Press the air release button (10) fig. 193 to adjust any tyre overpressure.

## CARTRIDGE REPLACEMENT

(OPT1 kit)

Proceed as follows:

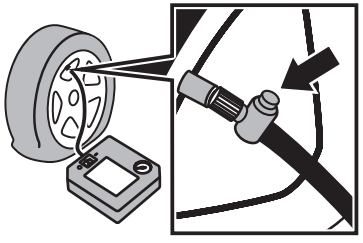
❒ only use original Fix&Go cartridges, which can be purchased from the Fiat Dealership.

❒ to remove the cartridge (1) fig. 187 press the release button (8) fig. 195 and lift it.

## PRESSURE RELIEF VALVE

(OPT2 kit)

If the tyre pressure is higher than expected, it is possible, after switching off the compressor, to lower it by means of the fig. 203 button located next to the black tube connection.



203 F0S0788

## WARNING

***170)*** *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 isn't 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.*
***171)*** *Punctures on the sides of the tyre may not be repaired. Do not use the Fix&Go if the tyre was damaged as a result of being used with the wheel underinflated.*
***172)*** *Wear the protective gloves provided with the Fix&Go.*
***173)*** *Apply the adhesive label where it can be easily seen by the driver as a reminder that the tyre has been treated with the Fix&Go. Drive carefully, particularly on bends.*
***174)*** *Repairs are not possible in the case of damage to the wheel rim (bad groove distortion causing air loss). Do not remove the foreign body (screws or nails) from the tyre.*
***175)*** *As required by current regulations, the information on chemical substances for the protection of human health and the environment and on the safe use of the sealing fluid are on the packaging label. Compliance with the indications on the label is an essential condition to ensure the safety and the effectiveness of the product. Remember to carefully read the label before use; the user of the product is responsible for any damages caused by improper use. The sealing fluid has an expiration date. Replace the bottle if the sealant has expired.*
***176)*** *The Fix&Go kit is not suitable for definitive repairs, so the repaired tyres may only be used temporarily. The Fix&Go kit provides a temporary repair, therefore the tyre must be examined and repaired by a specialist as soon as possible.*
***177)*** *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. On hills or uneven roads, use chocks or appropriate objects to block the wheels of the vehicle.*
***178)*** *Never operate the compressor for longer than 20 consecutive minutes: risk of overheating.*
***179)*** *If the pressure falls below 1.8 bar, do not drive any further: the Fix&Go cannot guarantee proper seal because the tyre is too damaged. Contact a Fiat Dealership.*
***180)*** *Carefully read the cartridge label before use and avoid improper use. The kit should be used by adults and cannot be used by children.*
***181)*** *Do not let the compressor turned on for longer than 10 consecutive minutes - overheating hazard*
***182)*** *Use the kit only in case of a punctured tyre.*

## IMPORTANT

***85)*** *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 who will handle the tyre treated with the Fix&Go.*
***86)*** *The surface of the tube may be hot.*

## IMPORTANT

***7)*** *Dispose of the bottle and the sealant liquid properly. Have them disposed of in compliance with national and local regulations.*

## RUN FLAT TYRES

(where provided)

⚠ 183) 184) 185)

"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***

***183)*** *Do not exceed the maximum distance or speed (80 km - 80 km/h) in the event of pressure loss-puncture.*

***184)*** *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.*

***185)*** *Do not exceed 60 km/h when driving with an especially heavy trailer.*

## JUMP STARTING

87)

If the battery is flat, a jump starting can be performed using the battery and the cables of another car, or using a booster battery. In all cases, the battery used must have a capability equal to or a little higher than the flat one.

### WARNINGS

When a booster battery is used, comply with the use and precaution instructions specified by the producer.

Do not use a booster battery or any other external power source with a voltage above 12V. This could damage the battery, the starter, the alternator and the electrical system of the car.

Do not attempt jump starting if the conventional battery is frozen. The battery could break and explode!

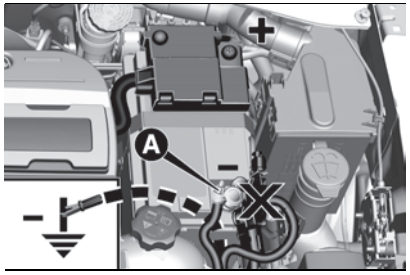
### JUMP STARTING

(versions with Start&Stop system)

⚠ 186)

When jump starting, never connect the negative cable (–) of the supplementary battery to the negative pole (A) fig. 204 of the car's conventional battery, but rather to an engine/transmission earth point.

WARNING Avoid contact between the two vehicles since this could cause a connection to earth and may result in serious injury to any people nearby.




204 F1B0736

### JUMP STARTING

The conventional car battery is located in the engine compartment, behind the left light cluster.

⚠ 186) 187) 188) 189)

WARNING The positive terminal (+) of the battery is shielded by a protective element. Raise it to access the terminal.

WARNING After setting the ignition device to STOP and closing the driver's door, wait at least two minutes before disconnecting the electrical supply from the conventional battery. When reconnecting the electrical supply to the conventional battery, make sure that the ignition device is in the STOP position and the driver's door is closed.

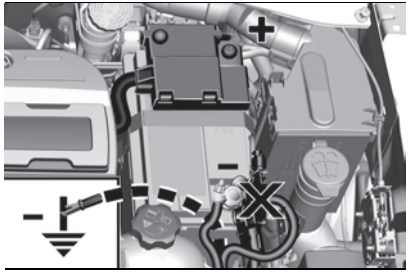
Proceed as follows:

❒ operate the parking brake, move the gear lever to P (Park), for versions equipped with automatic transmission/dual clutch automatic transmission/electrified dual clutch automatic transmission, or to neutral, for versions with manual transmission, then set the ignition device to STOP
❒ switch off all the other electrical devices in the car
❒ if you should use the battery of another car, park the other car within the range of the cables used for the connection, operate the parking brake and ensure that its ignition is off
WARNING Never connect the negative terminals of the two batteries directly! If the supplementary battery is installed in another car, check that there is no accidental contact of metal parts between the two cars, since an earth connection may result, with the risk of serious injury to any people who may be nearby.
WARNING 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

88)

Proceed as follows to carry out bump starting fig. 205:
❒ 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 supplementary battery
❒ connect one end of the cable used for negative (–) to the negative terminal (–) of the supplementary battery




205 F1B0737

❒ connect the other end of the cable used for negative (–) to an engine earth ⏚ (a visible metal part of the heat engine or of the car transmission with flat battery) away from the battery and the fuel injection system
❒ start the vehicle engine with the supplementary battery, let it idle for a few minutes. Start the heat engine of the car with the flat battery

### Cable disconnection

Once the engine has started, remove the leads, reversing the order above.
If after a few attempts the heat 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's conventional battery and the recharging system checked by a Fiat Dealership.

## BUMP STARTING

Never, under any circumstances, jump start the engine by pushing, towing or coasting downhill.
WARNING 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 the heat engine off, may cause the conventional battery to drain with following reduction of its life and/or impossibility to start the engine.

**WARNING**

***186)*** *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).*
***187)*** *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.*
***188)*** *Remove any metal objects (e.g. rings, watches, bracelets), that might cause an accidental electrical contact and cause serious injury.*
***189)*** *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***

***87)*** *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.*
***88)*** *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 a collision 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
❒ automatic disconnection of the auxiliary battery (Mild Hybrid versions) from the electrical system
❒ switching on of the hazard warning lights (to deactivate the lights press the button on the dashboard)

WARNING Carefully check the car for fuel leaks, for instance in the engine compartment, under the car or near the tank area. After a collision, turn the ignition device to STOP to prevent the battery from running down.

## FUEL CUT-OFF SYSTEM RESET

190)

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 the direction indicator stalk in the 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***

***190)*** *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.*

## HEAT ENGINE OVERHEATING

WARNING An overheated cooling system can damage the car. In the case of overheating, pull over and stop the car. Keep the heat engine at idling with climate control system off until the temperature decreases. If temperature does not decrease, contact a Fiat Dealership as soon as possible.

WARNING Coolant (antifreeze) exiting from the engine or vapour exiting from the radiator can cause serious burns. If vapour is seen or heard coming from the engine compartment, do not open the bonnet until the radiator has had enough time to cool down. Never try to remove the cap when the radiator is hot.

## DUAL CLUTCH AUTOMATIC TRANSMISSION

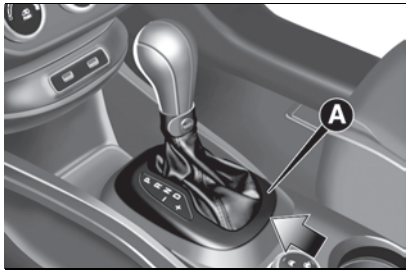
(if present - excluding Mild Hybrid versions)

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. 206 (complete with the shift lever gaiter) lifting it upwards (see also fig. 207)

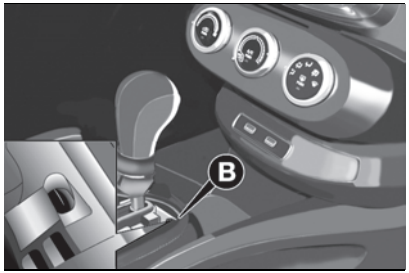



206 F1B0758

207 F1B0759

❒ fully press the brake pedal and hold it down

❒ insert the supplied screwdriver perpendicularly into the hole (B) fig. 208 and adjust the release the gear lever




208 F1B0760

❒ move the gear lever to N (Neutral)

❒ refit the gear lever panel and gaiter correctly

❒ start the engine

## DUAL CLUTCH AUTOMATIC TRANSMISSION - IGNITION KEY EMERGENCY EXTRACTION

(if present - excluding Mild Hybrid versions)

89)

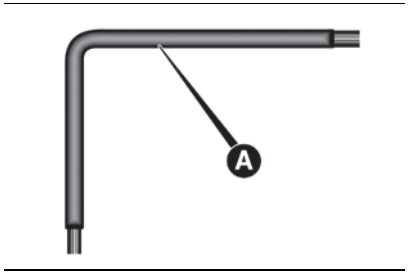
The ignition key (for versions with key without remote control) can be removed only if the gear lever is in position P (Park).

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

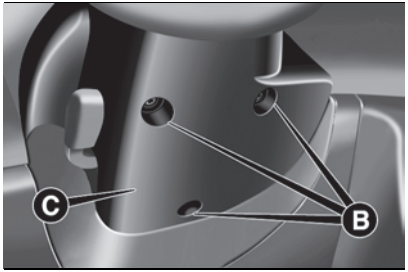
Follow these steps to extract the key fob manually:

❒ stop the car in safety conditions, engage a gear and the electric parking brake

❒ using the key (A) fig. 209 provided (located in the pouch containing the handbook), undo the fixing screws (B) fig. 210 of the lower trim (C)



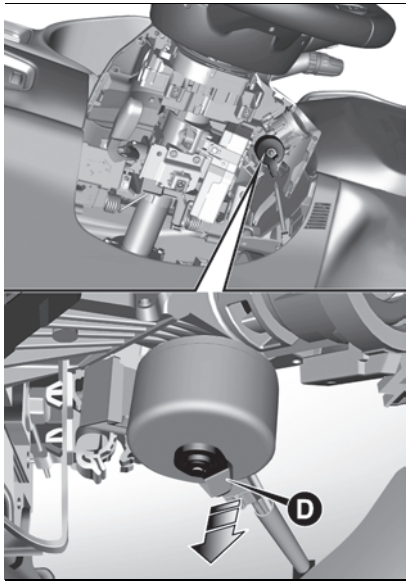

209 F1B0022C




210 F1B0143C

❒ remove the lower steering column trim (C) fig. 210 releasing it from its seat

❒ pull tab (D) fig. 211 downwards using one hand and with the other one remove the key, sliding it outwards




211 F1B0222C

❒ once the key has been removed, refit the lower trim (C) fig. 210, making sure it locks correctly and fully tighten the fixing screws (B)

***IMPORTANT***

***89)*** *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 A BROKEN-DOWN CAR

The procedures for towing a broken-down car with a tow truck are described below.
It is recommended to tow the car with all four wheels lifted from the ground on the platform of a roadside assistance car.

| | | FRONT WHEEL DRIVE (FWD) | | ELECTRIFIED FRONT DRIVE (Mild Hybrid versions) |
|---|---|---|---|---|
| **TOWING CONDITION** | **WHEELS LIFTED FROM GROUND** | **DUAL CLUTCH AUTOMATIC TRANSMISSION** (*) | **MANUAL TRANSMISSION** | **ELECTRIFIED DUAL CLUTCH AUTOMATIC TRANSMISSION** (**) |
| **Towing on level ground** | NONE | NOT PERMITTED | If the transmission is operating correctly, engage the neutral. Now the car can be towed, but just for short distances (approx. 15 km) and at a reduced speed (max. 25 km/h). | If the transmission is operating correctly, put it in N. The car can be towed for 100 metres at a maximum speed of 10 Km/h. |
| **Wheel lifting or towing on a trailer** | REAR | NOT PERMITTED | | NOT PERMITTED |
| | FRONT | Towing with the two front wheels raised from the ground is allowed only for short distances (about 15 km) and at reduced speed (maximum 25 km/h). | OK | Towing with the two front wheels raised from the ground is allowed only for short distances (about 15 km) and at reduced speed (maximum 25 km/h). |
| **Car on the platform of a roadside assistance car** | ALL | BEST METHOD | BEST METHOD | PERMITTED METHOD |

(*) **WARNING (excluding Mild Hybrid versions)** If the transmission cannot be put in neutral (N), do not tow the car and contact a Fiat Dealership. If the automatic transmission gear lever is locked in "Park" (P), release it before starting to tow the car.
(**) **WARNING (Mild Hybrid versions)** If the electrified dual clutch automatic transmission cannot be put in neutral (N), tow the car with the front wheels lifted to avoid damaging the transmission. If the car is towed, if the transmission lever is NOT in neutral (N) and if “N” is not shown on the instrument panel display, the car can be seriously damaged.

WARNING A suitable towing or lifting equipment is necessary for towing, in order to avoid damage to the car.

WARNING Only use suitable tow bars and other equipment, following the equipment manufacturer's instructions. Connect the tow bars or other tow equipment to the main structural components of the car and not to the bumper or other related brackets.

WARNING Comply with the regulations regarding vehicle towing in force in each country.

WARNING Do not tow using lifting harnesses. When securing the car to a tow truck, do not attach to front or rear suspension components. Damage to your car may result from improper towing.

### FRONT WHEEL DRIVE (FWD) VERSIONS

**Versions with manual transmission**

It is recommended to tow the car with all four wheels lifted from the ground on the platform of a roadside assistance car.

These versions can also be towed on level ground (with the four wheels on the ground) with the transmission in neutral, but just for short distances (approx. 15 km) and at a reduced speed (max. 25 km/h).

**Versions with dual clutch automatic transmission**

It is recommended to tow the car with all four wheels lifted from the ground on the platform of a roadside assistance car.

If a breakdown truck with platform is not available, the vehicle must be towed with the front wheels LIFTED from the ground (using a trailer or special equipment allowing lifting of the front wheels).

WARNING Towing cars without complying with the above mentioned prescriptions can cause serious damage to the transmission.

## TOWING THE CAR

### ATTACHING THE TOW RING

⚠ 191) 192) 193)

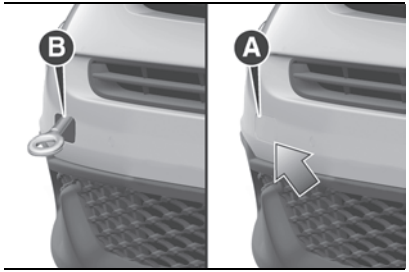
The tow ring provided is located in the tool box inside the boot.

**Front**

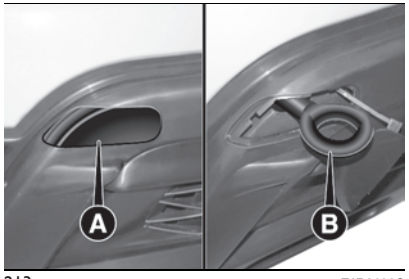
Proceed as follows:

❒ working in the point shown by the arrow, release the cap (A) (fig. 212 or fig. 213depending on versions);

❒ take tow ring (B) and screw it fully onto the front threaded pin.




212 F1B0716



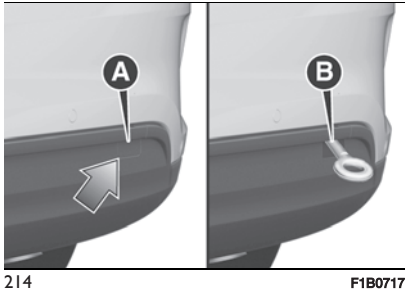

213 F1B0196C

## Rear

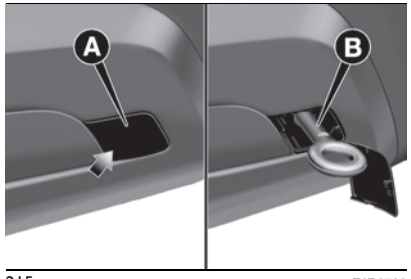
Proceed as follows:

❒ working in the point shown by the arrow, release the cap (A) (fig. 214 or fig. 215depending on versions);

❒ take tow ring (B) and screw it fully onto the rear threaded pin.




214 F1B0717




215 F1B0738

### WARNING

***191)*** *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.*

***192)*** *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.*

***193)*** *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 transporting using a tow truck. Tow rings 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

*Proper maintenance allows car performance to be maintained over time, operating costs to be contained, and safety system performance to be safeguarded.*
*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 Servicing Schedule.
To keep the efficiency of the car in tip-top condition, in the following Service Schedule pages a few additional checks are listed that should be carried out more frequently with respect to the normal scheduled servicing deadline.
Scheduled servicing is offered by 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.
WARNING 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 scheduled service deadline.

## PERIODIC CHECKS

Every **1,000** km or before long trips check and, if necessary, top up:

❒ engine coolant level
❒ 48V auxiliary battery system coolant level (for Mild Hybrid versions)

NOTE The level must be checked when the engine is cold and must range between the MIN and MAX marks on the reservoir. If the level is under the MIN level, go to a Fiat Dealership. Do not attempt to open the cap yourself to avoid burns and/or damage to the cooling system and electronic components. Topping up and filling operations must be carried out by qualified personnel at Fiat Dealership using the appropriate equipment for vacuum filling.

❒ brake fluid level
❒ windscreen washer fluid level
❒ tyre inflation pressure and condition
❒ operation of lighting system (headlights, direction indicators, emergency, etc.)
❒ operation of windscreen washer/wiper system and positioning/wear of rear window wiper blades
❒ check and top up AdBlue® diesel emissions additive (UREA) 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 external temperature
❒ 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 Service Schedule:

❒ check front disc brake pad condition and wear
❒ check cleanliness of bonnet and boot locks, cleanliness and lubrication of linkage
❒ visually inspect conditions of: engine, gearbox, transmission, pipes and hoses (exhaust/fuel system/brakes) and rubber elements (gaiters/sleeves/bushes, etc.)
❒ check battery state of charge and fluid level (electrolyte)

❒ visually inspect condition of the accessory drive belts
❒ check and if required change engine oil and replace oil filter
❒ check and, if necessary, replace pollen filter
❒ check and, if necessary, replace air cleaner

## SERVICE SCHEDULE (petrol /Mild Hybrid 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. Attention: 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 "Fix&Go" rapid repair kit charge expiry date (for versions/markets, where 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 the engine compartment liquid level (heat engine cooling, 48V system cooling (Mild Hybrid versions), brakes, windscreen washers, etc.) (1) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Check the fuel/engine management systems operation, emissions and engine oil deterioration using the diagnosis equipment (where provided) (2) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.) | ● | | ● | | ● | | ● | | ● | |
| Check the position/wear of the windscreen wiper/rear window wiper blades (where provided) | ● | | ● | | ● | | ● | | ● | |
| Check operation of the windscreen wiper/washer system and adjust nozzles, if necessary | ● | | ● | | ● | | ● | | ● | |
| Check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage | | ● | | ● | | ● | | ● | | ● |

| Thousands of miles | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
|---|---|---|---|---|---|---|---|---|---|---|
| Thousands of kilometres | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 |
| Years | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Visually inspect conditions and wear of front and rear disc brake pads and integrity of the pad wear indicator | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Visually inspect the condition of the auxiliary driver belt(s) (3) | | | | ● | | | | | | |
| Check the tension of the auxiliary drive belt (versions without automatic tensioner) (excluding Mild Hybrid versions) | | ● | | | | | | | | ● |
| Visually inspect conditions of toothed timing drive belt (1.4 Turbo Multi Air versions) (3) | | | | ● | | | | | | |
| Check oil level of electro-hydraulic actuator and top up, if necessary (versions with dual-clutch automatic transmission) (4) | | | | | | | | ● | | |
| Change engine oil and replace oil filter | (5) | | | | | | | | | |
| Change engine oil and replace oil filter (1.4 Turbo MultiAir versions) (6) (○) (●) | ○ | ● | ○ | ● | ○ | ● | ○ | ● | ○ | ● |
| Change transmission oil (Mild Hybrid versions) | (10) | | | | | | | | | |
| Replace spark plugs (1.0, 1.3 and 1.5 Mild Hybrid 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 filter (11) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

(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 diagnostics of the car 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 the distance travelled. If the vehicle is used in demanding conditions (dusty areas, especially severe weather conditions, very low or very high temperatures for extended periods, urban driving, long periods of idling):
- the maximum mileage is 60,000 km and, regardless of the mileage, the belt must be replaced every 4 years;
- for Mild-Hybrid versions: replace the belt tensioner after a maximum of 120,000 km or 6 years.
(4) Check to be carried out every year for cars on the road in countries with particularly severe climates (cold countries).
(5) Engine oil change and filter replacement depends on driving conditions and the warning light/symbol on the instrument panel (where provided) turns on to indicate when it is time to do so. In any case, change the engine oil and replace the filter within one year from the last service.
(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" chapter in the "Technical specifications" section); strictly comply with the spark plugs replacement frequency in the Service Schedule. 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.
(10) Change the transmission oil every 60,000 km or 6 years.
(11) To maintain maximum protection against external allergens, summer concentrations of ozone and smog, it is recommended to change the passenger compartment filter every 6 months, preferably at the beginning of each spring and autumn.
(○) 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 "Fix&Go" rapid repair kit charge expiry date (for versions/markets, where 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 exhaust emissions/smokiness | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Use the diagnosis socket to check the fuel/engine control system operation, emissions and engine oil deterioration (3) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.) | ● | | ● | | ● | | ● | | ● | |
| Check the position/wear of the windscreen wiper/rear window wiper blades (where provided) | ● | | ● | | ● | | ● | | ● | |
| Check operation of the windscreen wiper/washer system and adjust nozzles, if necessary | ● | | ● | | ● | | ● | | ● | |
| Check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage | | ● | | ● | | ● | | ● | | ● |

| Thousands of miles | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
|---|---|---|---|---|---|---|---|---|---|---|
| Thousands of kilometres | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
| Years | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Visually inspect conditions and wear of front and rear disc brake pads and integrity of pad wear indicator | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Visually inspect the condition of the auxiliary driver belt(s) (4) | | | | ● | | | | | | ● |
| Check accessory drive belt tensioning (versions without automatic tensioner) | | | ● | | | | | | ● | |
| Change engine oil and replace oil filter | (6) | | | | | | | | | |
| Replace accessory drive belt/s | (4) | | | | | | | | | |
| Replace fuel filter cartridge (7) | | ● | | ● | | ● | | ● | | ● |
| Replace air cleaner cartridge (8) | | ● | | ● | | ● | | ● | | ● |
| Change the brake fluid | (2) | | | | | | | | | |
| Replace passenger compartment filter (9) | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

(1) Only ever use the fluids shown in the handbook for topping up, and only after checking that the system is intact.
(2) The brake fluid replacement has to be done every two years, regardless of the mileage.
(3) If the engine oil quality detected by the diagnostics of the car 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, particularly harsh weather conditions, very low or very high temperatures for extended periods, 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 actual interval for changing the oil and replacing the engine oil filter depends on the car usage conditions and is indicated by the warning light/symbol or message (where provided) 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 car is used in dusty areas, this cleaner must be replaced every 20,000 km.
(9) To maintain maximum protection against external allergens, summer concentrations of ozone and smog, it is recommended to change the passenger compartment filter every 6 months, preferably at the beginning of each spring and autumn.

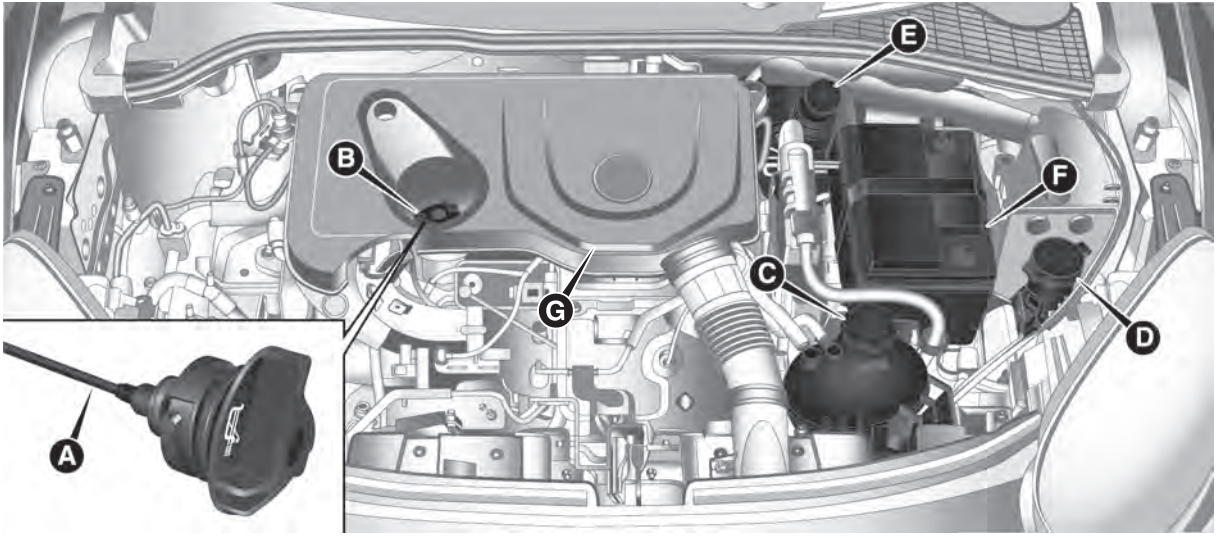
# ENGINE COMPARTMENT

## CHECKING LEVELS

194) 195)

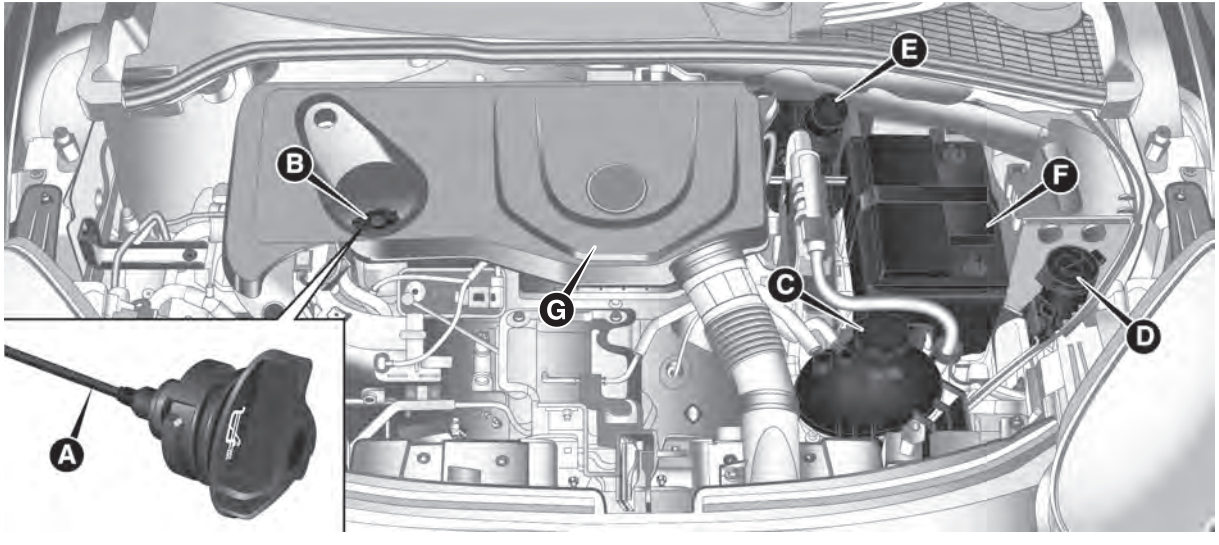
90)

1.0 versions




216 F1B0765

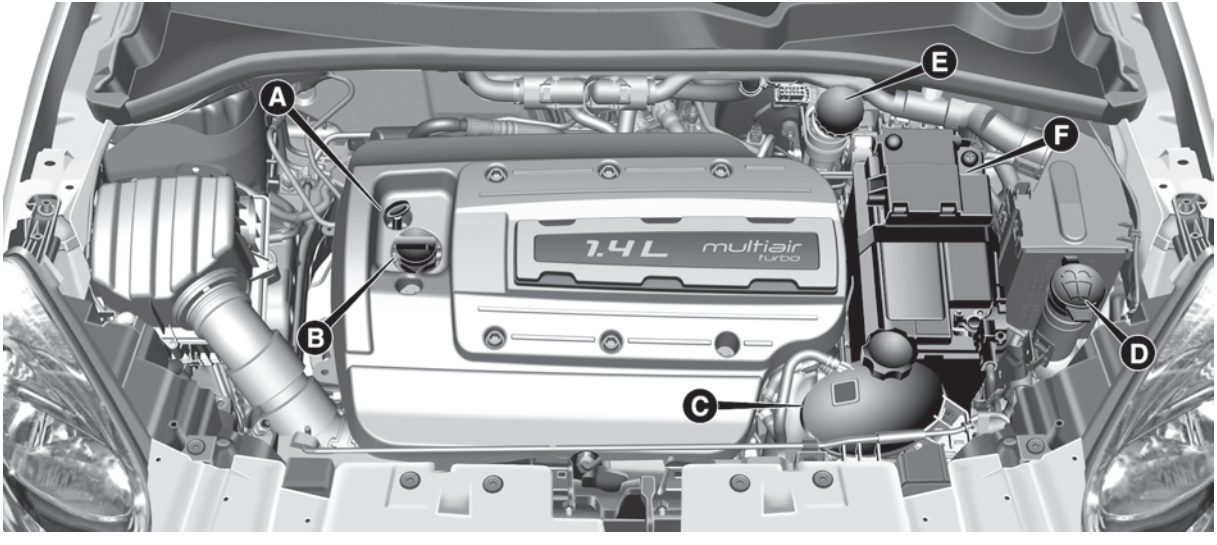
A. Engine oil dipstick B. Engine oil cap/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery G. Engine compartment cover (for versions/markets where provided)




217 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)

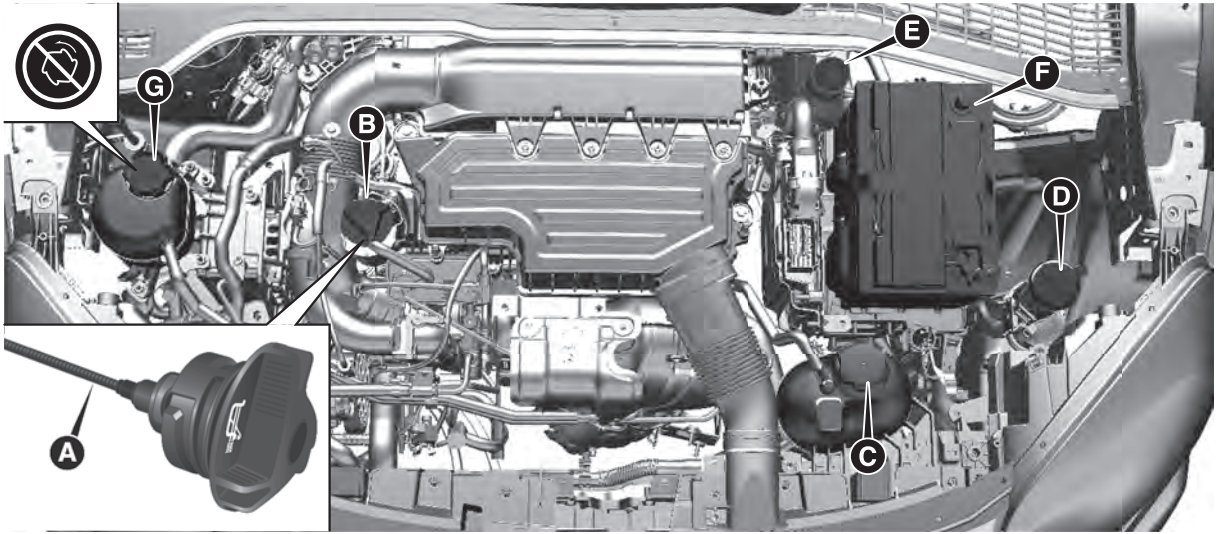
### 1.4 Turbo Multi Air versions (for versions/markets, where provided)




218 F1B0171C

A. Engine oil dipstick B. Engine oil cap/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery

## 1.5 130HP Mild Hybrid version

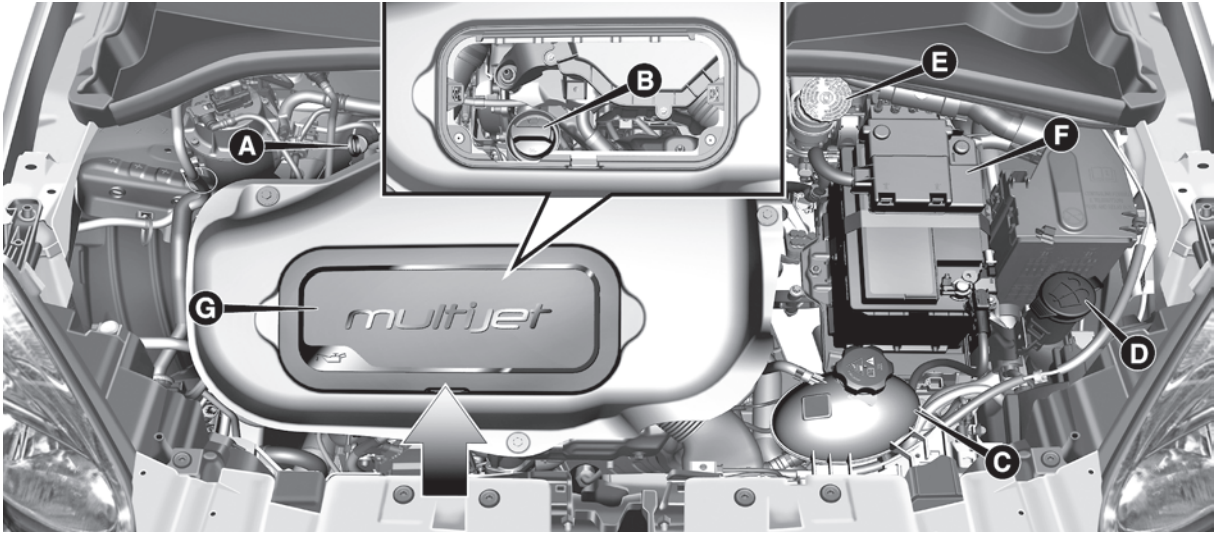



219 F1B0881

A. Engine oil level dipstick B. Engine oil cap/filler C. Heat engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Low-voltage battery(12V) G. Mild Hybrid system low temperature circuit coolant

NOTE The cooling tank of the 48V auxiliary battery system voltage system cannot be refilled by the driver. If it is necessary to top up the fluids, contact a Fiat Dealership.

### 1.3 16V MultiJet version




220 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.

## ENGINE OIL

196)

91)

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 the 1.0, 1.3 and 1.5 Mild Hybrid 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.

When the operation is complete, screw in the cap/dipstick correctly.

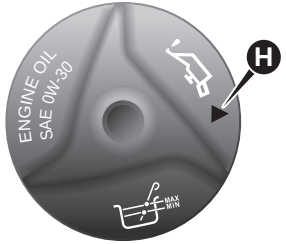
### Insertion of the engine oil cap/dipstick (1.0, 1.3 and 1.5 Mild Hybrid versions)

(for versions/markets where provided)

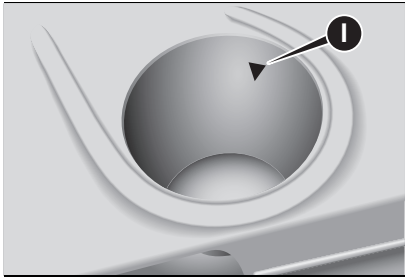
To reinsert the engine oil cap/dipstick correctly, proceed as follows:

❒ insert the cap/dipstick in position, aligning the mark (H) fig. 221 on the cap/dipstick with the mark (I) fig. 222 on the engine cover (for versions/markets where provided)

❒ screw in the cap/dipstick correctly




221 F1B0749




222 F1B0750

### Engine oil consumption

92)

8)

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.

WARNING After adding or changing the oil, let the engine run for a few seconds and wait a few minutes after turning it off before you check the level.

## HEAT ENGINE COOLANT

197)

93)

If the level is too low, unscrew the cap (C) of the reservoir and add the fluid described in the "Technical Specifications" chapter.

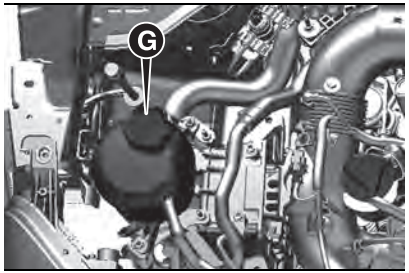
## AUXILIARY BATTERY COOLING SYSTEM FLUID

(Mild Hybrid versions)

The level of the auxiliary battery system coolant must be checked when the engine is cold and must be between the MIN and MAX marks on the reservoir (G) fig. 223.

If the level is under the MIN level, go to a Fiat Dealership.

Do not attempt to open the cap fig. 224 yourself to avoid burns and/or damage to the cooling system and electronic components. Topping up and filling operations must be carried out by qualified personnel at Fiat Dealership using the appropriate equipment for vacuum filling.




223 F1B0909


224 P2000459

## WINDSCREEN/REAR WINDOW WASHER FLUID

198) 199)

If the level is too low, lift the cap (D) of the reservoir and add the fluid described in the "Technical Specifications" chapter.

## BRAKE FLUID

200) 201)

94)

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.

WARNING Carefully clean the cap of the reservoir and the surrounding surface. Take great care to ensure that impurities do not enter the reservoir when the cap is opened.

Always use a funnel with a built-in filter with a mesh of 0.12 mm or less.

WARNING Brake fluid is hygroscopic (i.e. it absorbs moisture). For this reason, if the car 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 "Service Schedule".

## AUTOMATIC TRANSMISSION ACTIVATION SYSTEM OIL

9)

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

## CONVENTIONAL BATTERY

202) 203) 204)

95)

10)

The conventional battery does not require topping up the electrolyte with distilled water.

A periodic check carried out at a Fiat Dealership is, however, necessary to check efficiency.

### Replacing the conventional battery

If necessary, replace the conventional battery with another original battery with the same specifications. It is advisable to contact a Fiat Dealership for replacement. Follow the battery Manufacturer's instructions for maintenance.

205)

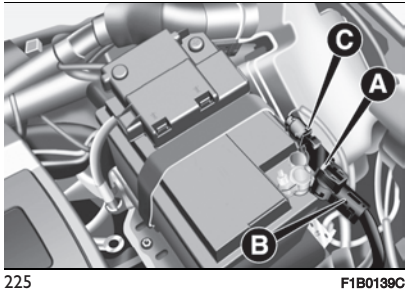
## CAR INACTIVITY

In the event of car inactivity (or if the conventional battery is replaced), special attention must be paid to the disconnection of the battery electrical supply.

Proceed as follows:

Press button (B) fig. 225 to disconnect connector (A) from sensor (C) (battery monitoring) installed on the negative battery terminal.

This sensor should never be disconnected from the pole except if the battery is replaced.




225 F1B0139C

WARNING After setting the ignition device to STOP and closing the driver's door, wait at least 2 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.

**Useful advice for extending the life of your conventional 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 ceiling lights from remaining on inside the passenger compartment

❒ switch off all courtesy lights inside the car: the car is however equipped with a system which switches all internal lights off automatically;

❒ do not keep devices (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 cable from the negative conventional battery terminal

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.

96)

WARNING 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.

WARNING If the charge level remains under 50% for a long time, the conventional 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

***194)*** *Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.*
***195)*** *Be very careful when working in the engine compartment when the engine is hot: you may get burned.*
***196)*** *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!*
***197)*** *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.*
***198)*** *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.*
***199)*** *Some commercial additives for windscreen washer fluid are flammable. The engine compartment contains hot components which may start a fire.*
***200)*** *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.*
***201)*** *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.*
***202)*** *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.*
***203)*** *Using the battery with low fluid will irreparably damage the battery and may cause an explosion.*
***204)*** *Always wear appropriate goggles to protect your eyes when working on or near the conventional battery.*
***205)*** *If the conventional battery needs to be replaced, always contact a Fiat Dealership. Replace the battery with a new one of the same type (EFB - Enhanced Flooded Battery) and specifications.*

## IMPORTANT

***90)*** *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.*
***91)*** *The oil level must never exceed the MAX mark.*
***92)*** *Always top up using engine oil of the same specifications as that already in the engine.*
***93)*** *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.*
***94)*** *Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should it happen, immediately wash with water.*
***95)*** *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.*
***96)*** *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.*

***8)*** *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.*

***9)*** *Used transmission fluid contains substances that are harmful to the environment. It is advisable to contact a Fiat Dealership to have the fluid changed.*

***10)*** *Batteries contain substances which are very harmful for the environment. For battery replacement, contact a Fiat Dealership.*

# CHARGING THE CONVENTIONAL BATTERY

## WARNINGS

WARNING The description of the conventional battery charging procedure is given for informational purposes only. To carry out this operation contact a Fiat Dealership.

WARNING After setting the ignition device to STOP and closing the driver's door, wait at least two minutes 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's door is closed.

WARNING Charging should be slow at a low ampere rating for approximately 24 hours. Regardless of the duration of the operation, it is always recommended to disconnect the conventional battery from the device as soon as charging is complete to avoid potential damage.

WARNING 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 charge, proceed as follows:

❒ disconnect the terminal from the negative conventional battery pole

❒ connect the charger cables to the battery terminals, observing the polarities

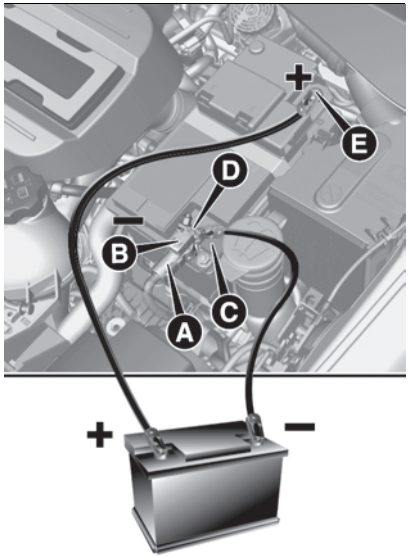
❒ turn on the battery charger

❒ when it is recharged, turn the charger off before disconnecting it from the battery

❒ reconnect the terminal to the negative conventional battery pole

## VERSIONS WITH THE START&STOP SYSTEM AND MILD HYBRID

To charge, proceed as follows:




226 F1B0744

❒ disconnect the connector (A) fig. 226 by pressing the button (B) from the sensor (C) monitoring the status of the conventional battery, on the negative (–) pole (D) of the battery

❒ connect the positive cable (+) of the battery charger to the positive pole of the battery (E) and the negative cable (–) to sensor terminal (D) as shown in the figure

❒ turn on the battery charger. At the end of the charging procedure, switch the battery charger off
❒ after having disconnected the battery charger, reconnect connector (A) to the sensor (C) as shown in fig. 226

# SERVICING PROCEDURES

97) 98) 99)

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 car's life cycle.

## ENGINE OIL

100)

### 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).

## ENGINE OIL FILTER

### Replacing the engine oil filter

The engine oil filter must be replaced each time the engine oil is changed.
It is advisable to replace it with a genuine spare part, specifically designed for this car.

## AIR CLEANER

206)

### Replacing the air cleaner

See the "Service Schedule" 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

101) 102)

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.
WARNING Do not use chemicals to clean the air conditioning system, since the internal components may be damaged. This kind of damage is not covered by warranty.

### Replace the pollen filter

(where provided)
See the "Service Schedule" for the correct servicing intervals.
Go to a Fiat Dealership for the replacement of the filter.

## DIESEL FILTER (Diesel versions)

See the "Service Schedule" for the correct servicing intervals.

## LUBRICATING MOVING PARTS OF THE BODYWORK

Ensure that the locks and bodywork junction points, including components such as the seat guides, door hinges (and rollers), tailgate and bonnet are periodically lubricated with lithium-based grease to ensure correct, silent operation and to protect them from rust and wear.
Also pay particular attention to the bonnet closing devices, to ensure correct operation.

## WINDSCREEN WIPER/REAR WINDOW WIPER

Periodically clean the glass of the windscreen and heated rear window and rubber profile of the windscreen/rear window wiper blades, using a sponge or a soft cloth and a non-abrasive detergent. This eliminates the salt or impurities accumulated when driving.
Prolonged operation of the windscreen/rear window wipers with dry glass may cause the deterioration of the blades, in addition to abrasion of

the surface of the glass. To eliminate the impurities on the dry glass, always operate the windscreen/rear window washers.

In the case of very low outdoor temperatures (below 0 °C), ensure that the movement of the rubber part in contact with the glass is not obstructed, before activating the windscreen/rear window wiper. Use a suitable deicing product to release it if required.

Do not use the windscreen/rear window wiper to remove frost or ice.

Also avoid contact of the rubber profile of the blades with petroleum derivatives such as engine oil, petrol, etc.

WARNING The envisaged life of the windscreen wiper blades varies according to the usage frequency. In any case, it is advisable to replace the blades approximately once a year.

When the blades are worn, noise, marks on the glass or streaks of water may be noticed.

In the presence of these conditions, clean the windscreen wiper blades or, if necessary, replace them.

WARNING Driving with worn windscreen/rear window wiper blades is a serious risk, because visibility is reduced in bad weather.

### Raising the windscreen wiper blades ("Service position" function)

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).

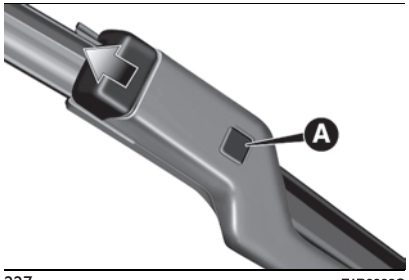
To lower the blades, move the ignition device to MAR.

WARNING Place the blades back in contact with the windscreen before activating the windscreen wiper again and/or moving the ignition device to MAR.

### Replacing the windscreen wiper blades

Proceed as follows:

❒ raise the wiper arm, press the button (A) fig. 227 of the attachment spring and remove the blade from the arm




227 F1B0302C

❒ fit the new blade, inserting the tab into the specific slot in the arm, making sure that it is locked

❒ lower the wiper arm onto the windscreen

WARNING Do not operate the windscreen wiper with the blades lifted from the windscreen.

### Replacing the rear window wiper blade

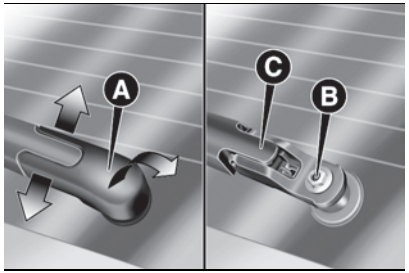
Proceed as follows:

❒ widen the two tabs as shown by the arrows and rotate the cover (A) fig. 228 outwards

❒ unscrew the nut B and remove the arm (C) from the central pin

❒ correctly align the new arm

❒ fully tighten nut (B) then refit the cover (A)



228 F1B0303C

WARNING Do not operate the rear window wiper with the blade lifted from the rear window.

### Windscreen washer/rear window washer

The rear window washer jet is fixed.
If there is no jet of fluid, firstly check that there is fluid in the windscreen / rear window reservoir (see the “Engine compartment” chapter in this section).
Then check that the nozzle holes are not clogged; use a needle to unblock them if necessary.
WARNING In versions with a soft top, make sure that the soft top is closed before operating the windscreen washer nozzles.

## EXHAUST SYSTEM

⚠ 207) 208)

103)

Adequate maintenance of the engine exhaust system represents the best protection against leaks of carbon monoxide into the passenger compartment.

## COOLING SYSTEM

Coolant (antifreeze) exiting from the engine or vapour exiting from the radiator can cause serious burns.
If vapour is seen coming from the engine compartment, or its hissing is heard, do not open the bonnet until the radiator has cooled.

WARNING Never attempt to remove the cap with radiator or expansion tank hot: DANGER OF SCALDING!

### Engine coolant check

Check the engine coolant level every year (preferably before the start of the winter).
Should there be any doubt regarding leaks from the system (e.g. if frequent top ups are required), have the seal checked at a Fiat Dealership.

WARNING Before removing the engine coolant reservoir cap, wait for the system to cool down.

### Topping up / draining / flushing the engine coolant

If the engine coolant (antifreeze) is dirty, have cleaning and flushing carried out at a Fiat Dealership.

### Engine cooling system radiator cap

The cap must be completely closed to prevent engine coolant leaks and ensure that the fluid returns to the radiator from the expansion tank.
*Warnings*

❒ never add coolant with the engine hot or overheated

❒ do not attempt to cool an overheated engine by loosening or removing the cap. The heat causes a considerable increase in pressure in the cooling system

❒ use only the radiator cap for the car to prevent damage to the engine

### Disposal of used engine coolant

Disposal of engine coolant is subject to legal requirements: contact the appropriate body to determine local regulations.

## BRAKING SYSTEM

The guarantee the efficiency of the braking system, periodically check its components: for this operation, contact Fiat Dealership.

WARNING Driving with the pedal resting on the brake pedal may compromise its efficiency, increasing the risk of accidents. While driving, never keep your foot on the brake pedal and do not put unnecessary strain on it to prevent the brakes from overheating: excess pad wear may cause damage to the braking system.

*Warnings*

❒ for topping up, use a fluid with the same characteristics as those indicated in the "Fluids and lubricants" table (see the "Technical specifications" chapter)
❒ in the event of topping up, use only new brake fluid or fluid stored in a perfectly closed container. Brake fluid stored in an open container absorbs moisture: this may cause unexpected boiling of the fluid in sudden and prolonged braking, resulting in a sudden brake failure. This may cause accidents
❒ always keep the cap of the brake fluid reservoir (in the engine compartment) completely closed
❒ excess brake fluid in the reservoir may cause it to escape onto hot parts of the engine with corresponding risk of fire. The brake fluid may also damage painted surfaces and plastic parts, so pay particular attention
❒ prevent contact between brake fluid and petroleum-based fluids. The gaskets may be damaged, with consequent inefficiency of the brakes

## MANUAL TRANSMISSION

### Frequency of oil changes

In normal car operating conditions, it is not necessary to change the transmission fluid.

## DUAL CLUTCH AUTOMATIC TRANSMISSION / ELECTRIFIED DUAL CLUTCH AUTOMATIC TRANSMISSION

104)

### Special additives

Do not use any type of additive for the dual clutch automatic transmission/electrified dual clutch automatic transmission fluid.
Avoid the use of transmission sealants, since they may compromise the efficiency of the transmission seals.

WARNING Do not use chemicals to flush the transmission, since this may damage its components.

### Frequency of oil changes

(excluding Mild Hybrid versions)

In normal car operating conditions, it is not necessary to change the transmission fluid.
If oil leaks are noticed or irregular operation of the transmission is detected, have it checked immediately at a Fiat Dealership.

WARNING Driving the car with an insufficient oil level may cause serious damage to the transmission.

## REPLACING THE BATTERY

If necessary, replace the battery with another battery with the same specifications. It is advisable to contact a Fiat Dealership for replacement.
Follow the battery manufacturer's instructions for maintenance.

***WARNING***

***206)*** *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.*
***207)*** *Exhaust emissions are very dangerous, and may be lethal. They*

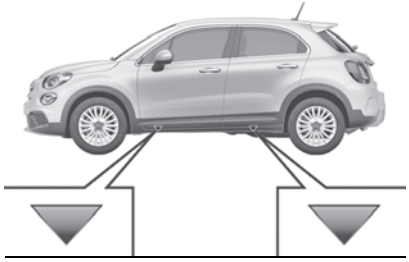
*contain carbon monoxide, a colourless, odourless gas which can cause fainting and poisoning if inhaled.*
***208)*** *The exhaust system may reach high temperatures and may cause a fire if the car is parked on flammable material. Dry grass or leaves can also catch fire if they come into contact with 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***

***97)*** *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.*
***98)*** *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.*
***99)*** *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.*
***100)*** *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.*
***101)*** *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.*
***102)*** *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.*
***103)*** *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.*
***104)*** *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. 229).



229 F1B0699

# WHEELS AND TYRES

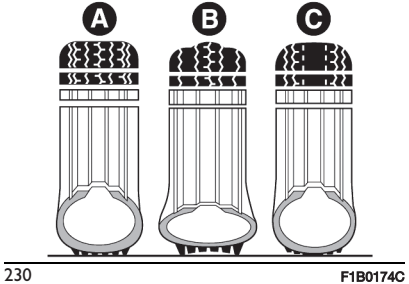
209) 210) 211) 212) 213) 214)

## SAFETY INFORMATION

Before embarking on a long trip, and approximately every two weeks, check the tyre inflation pressure, including the space-saver spare wheel, if provided. Check the tyres when cold.

It is normal for the pressure to increase when the vehicle is used due to tyre heating; for the correct tyre inflation pressure, see the "Wheels" paragraph in the "Technical specifications" chapter.

Incorrect pressure causes abnormal tyre wear fig. 230:




230 F1B0174C

A – *normal pressure*: tread evenly worn;

B – *low pressure*: tread particularly worn at the edges.

C – *high pressure*: tread particularly worn in the centre.

The tyres must be replaced when the tread is less than 1.6 mm thick.

## GENERAL INFORMATION

Take the following precautions to prevent damage to the tyres:

❒ avoid braking suddenly, racing starts and violent impact against the curb, potholes, obstacles and driving for extended periods on uneven road surfaces;

❒ periodically check that the tyres have no cuts in the side wall, abnormal swelling or irregular tread wear;

❒ avoid travelling with the car overloaded. If a tyre is punctured, stop immediately and change it;

❒ every 10000/15000 kilometres switch the tyres, keeping them on the same side of the car in order not to change the rotation direction (if the tyres are the "one-way" type). Tyres with unidirectional tread can be recognised by arrows on the side which indicate the direction of rotation. It is compulsory to comply with this direction. Only in this way can the tyres maintain their characteristics in terms of grip, noise, resistance to wear and drainage on wet surfaces;

❒ tyres age even if they are not used much. Cracks in the tread and on the sidewalls are a sign of ageing. In any event, have the tyres checked by specialised technicians if they have been fitted for longer than 6 years. Also remember to check the space-saver spare wheel with particular care;

❒ in the case of replacement, always fit new tyres, avoiding those of unknown origin;

❒ if a tyre is changed, also change the inflation valve.

## RIMS AND WHEELS

For the type of wheel rims and tyres fitted on the vehicle see the "Wheels" paragraph in the "Technical data" chapter.

## SNOW CHAINS

105)

### Versions with front-wheel drive

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 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 feet/meters have been driven.

WARNING Using snow chains with tyres with non-original dimensions may damage the car.

WARNING 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

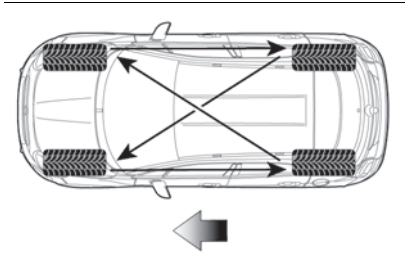
The front and rear tyres are subject to different loads and stress due to steering, manoeuvres and braking. For this reason they are subject to uneven wear.

To resolve this problem, tyres should be rotated at the appropriate time.

In the case of irregular wear of the tyres identify the cause and correct it as soon as possible, by contacting a Fiat Dealership.

### Front wheel drive (4x2) versions

The recommended rotation method for Front Wheel Drive is "crosswise backwards", as shown in fig. 231 (the arrow indicates the car's travel direction).



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**WARNING**

***209)*** *The road holding qualities of the car also depend on the correct inflation pressure of the tyres.*

***210)*** *If tyre pressure is too low, it may overheat and be severely damaged as a result.*

***211)*** *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.*

***212)*** *Do not repaint alloy wheel rims at temperatures higher than 150°C. The mechanical features of the wheels could be compromised.*

***213)*** *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.*

***214)*** *Travelling with partially or completely deflated tyres can cause safety problems and irremediably damage the tyre.*

**IMPORTANT**

***105)*** *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.*

## CAR INACTIVITY

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

❒ park the car in covered, dry and if possible well-ventilated premises and slightly open the windows

❒ check that the electric parking brake is not activated

❒ disconnect the negative battery terminal and check the battery charge. Repeat this check once every three months during storage

❒ if the battery is not disconnected from the electrical system, check its state of charge every thirty days

❒ **Mild Hybrid versions:** park the car only after performing the charging procedure for the lithium auxiliary battery (48V), which permits

recharging, with the car stopped and the gear lever of the electrified dual clutch automatic transmission in position N (neutral) in order for the heat engine to run

❒ clean and protect the painted parts using protective wax

❒ clean and protect the shiny metal parts using special compounds commercially available

❒ sprinkle talcum powder on the windscreen and rear window wiper rubber blades and lift them off the glass

❒ cover the car with a fabric or perforated plastic sheet, paying particular care not to damage the painted surface by dragging any dust that may have accumulated on it. Do not use compact plastic sheets which do not allow humidity to evaporate from the surface of the car

❒ inflate tyres to +0.5 bar above the standard prescribed pressure and check it periodically

❒ do not drain the engine cooling system

❒ any time the vehicle is left inactive for two weeks or more, operate the climate control system with engine idling for at least 5 minutes, setting external air and with fan set to maximum speed. This operation will ensure appropriate lubrication for the system, thus minimising the possibility of damage to the compressor when the system is operated again

WARNING After setting the ignition device to STOP and closing the driver's door, wait at least 2 minutes 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.

# BODYWORK

## BODY AND UNDERBODY WARRANTY

Your car is covered by warranty against perforation due to rust of any original element of the structure or bodywork.

For the general terms of this warranty, refer to the Warranty Booklet.

## PRESERVING THE BODYWORK

### Paintwork

106)

11)

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 107)

To correctly wash the car, follow these instructions:

❒ if the car is washed remove the aerial from the roof

❒ if high pressure jets or cleaners are used to wash the car, 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 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 car.

**WARNINGS**

Avoid parking the car below trees; the resin dropped by trees makes the paint appear opaque and increases the possibility of corrosion.

Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.

### Versions with matt paintwork

(where provided)

Some parts of the car are painted with a matt paintwork which requires special care for its preservation.

107)

### Windows

Use specific detergents and clean cloths to prevent scratching or altering the transparency.

WARNING 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.

WARNING Never use aromatic substances (e.g.: petrol) or ketones (e.g.: acetone) for cleaning front headlight plastic lens.

WARNING 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.

WARNING 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

108)

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.

**Mild Hybrid versions**: it is not recommended to wash the engine compartment with water.

## UNDERBODY WASHING

(Mild Hybrid versions)

If it is necessary to wash the underbody, do not directly pressurise with a high-pressure jet.

## PAINTING

(Mild Hybrid versions)

When painting the car in the oven, take care not to exceed:

- 30 minutes at 70°C
- 20 minutes at 80°C

***IMPORTANT***

***106)*** *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 parking the vehicle under trees (unless it is absolutely necessary). Remove any resinous plant matter immediately because, once it has dried, it may require the use of abrasive and/or polishing products to be removed, which are strongly discouraged as they could potentially alter the characteristics of the paintwork. 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. Do not use chemicals/acids to defrost windows/vehicle glass as they can damage the paint.*

***107)*** *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 opacity 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. Do not use chemicals/acids to defrost windows/vehicle glass as they can damage the paint.*

***108)*** *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***

***11)*** *Detergents pollute the water. Only wash your vehicle in areas equipped to collect and treat waste water from this type of activity.*

## INTERIOR

215) 216) 217)

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 using a soft microfibre cloth 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 chamois leather 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

109)

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.

### LEATHER AND SOFT TOUCH PARTS

(where provided)

To clean these components, use a soft microfibre cloth moistened with a solution of water and neutral detergent.

Before using a specific product for cleaning interiors, make sure that it does not contain alcohol and/or alcohol-based substances or solvents.

## 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.

110)

### WARNING

***215)*** *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.*

***216)*** *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.*

***217)*** *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

***109)*** *Never use alcohol, petrols and derivatives to clean the dashboard and instrument panel lens.*

***110)*** *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

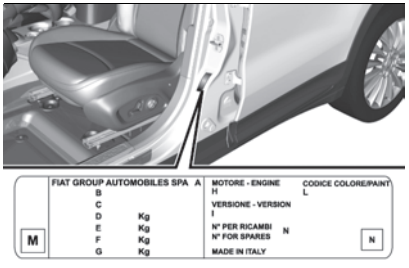
*Everything you may find useful for understanding how your car is made and works is contained in this chapter and illustrated with data, tables and graphics. For the enthusiasts and the technician, but also just for those who want to know every detail of their car.*

# 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. 232:

- ❒ **A** Name of Manufacturer
- ❒ **B** Car type-approval number
- ❒ **C** Car identification number
- ❒ **D** Technically allowed max. weight with full load
- ❒ **E** Technically allowed max. weight for combined car
- ❒ **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.




232 F1B0330C

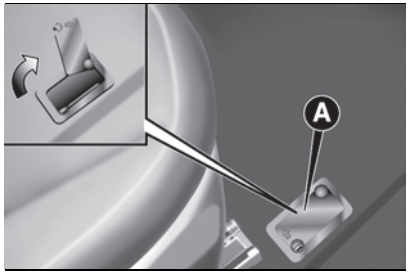
## CHASSIS MARKING

The Vehicle Identification Number (VIN) is stamped on the plate shown in fig. 233, located on the front left corner of the dashboard cover, which can be seen from outside the vehicle, through the windscreen.


233 F1B0908

This number is also stamped on the passenger compartment floor, in front of the front right seat.

To access it, slide flap (A) fig. 234 in the direction shown by the arrow.




234 F1B0058C

The marking includes:

- ❒ car type
- ❒ chassis serial number

## MOTOR MARKING

It is stamped on the cylinder block and includes the type and the engine serial number.

## ENGINE

| Versions | 1.0 115 HP (*) | 1.0 120 HP (*) | 1.3 150 HP (*) |
|---|---|---|---|
| Type code | 55282151 | 55282151 | 55282328 |
| Cycle | Otto | Otto | Otto |
| Number and position of cylinders | 3 in line | 3 in line | 4 in line |
| Piston bore and stroke (mm) | 70 x 86.5 | 70 x 86.5 | 70 x 86.5 |
| Total displacement ($cm^3$) | 999 | 999 | 1332 |
| Compression ratio | 10.5 ± 0.2: 1 | 10.5 ± 0.2: 1 | 10.5 ± 0.2: 1 |
| Maximum power (CEE) (kW) | 85 | 88 | 110 |
| Maximum power (CEE) (HP) | 115 | 120 | 150 |
| Corresponding engine speed (rpm) | 5750 | 5750 | 5500 |
| Maximum torque (CEE) (Nm) | 190 | 190 | 270 |
| Corresponding engine speed (rpm) | 1750 | 1750 | 1850 / 1560 (*) |
| Spark plugs | NGK ILKFR7A8 | NGK ILKFR7A8 | NGK ILKFR7A8 |
| 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) |

(*) Where provided

| Versions | 1.4 Turbo Multi Air 140 HP (*) | 1.3 95 HP (*) |
|---|---|---|
| Type code | 55263624 | 46345266 |
| Cycle | Otto | Diesel |
| Number and position of cylinders | 4 in line | 4 in line |
| Piston bore and stroke (mm) | 72 x 84 | 69.6 x 82 |
| Total displacement ($cm^3$) | 1368 | 1248 |
| Compression ratio | 10.0 ± 0.2: 1 | 16.2 : 1 |
| Maximum power (CEE) (kW) | 103 | 70 |
| Maximum power (CEE) (HP) | 140 | 95 |
| Corresponding engine speed (rpm) | 5000 | 3750 |
| Maximum torque (CEE) (Nm) | 230 | 200 |
| Corresponding engine speed (rpm) | 1750 | 1500 |
| Spark plugs | NGK IKR9J8 | – |
| Fuel | Unleaded petrol 95 R.O.N. (EN228 specifications) | Diesel for motor vehicles (EN590 Specification) |

(*) Where provided

## HEAT ENGINE (MILD HYBRID VERSION)

| Versions | 1.5 130 HP |
|---|---|
| Engine code | 46347812 |
| Cycle | Otto |
| Number and position of cylinders | 4 in line |
| Piston bore and stroke (mm) | 71.2 x 92.2 |
| Total displacement ($cm^3$) | 1469 |
| Compression ratio | 12.5 : 1 |
| Maximum power (CEE) (kW) | 95 |
| Maximum power (CEE) (HP) | 130 |
| corresponding engine speed (rpm) | 5250 |
| Maximum torque (CEE) (Nm) | 240 |
| Maximum torque (CEE) (kgm) | 24.4 |
| corresponding engine speed (rpm) | 1500 |
| Spark plugs | NGK ILKFR7A8 |
| Fuel | Unleaded petrol 95 R.O.N. (EN228 specifications) |

## ELECTRIC MOTOR "e-machine" (Mild Hybrid version)

| | Features |
|---|---|
| Technology | Synchronous electric motor with 48V double three-phase winding |
| Continuous power (kW) | 8 (*) |
| Maximum torque (Nm) | 55 |

(*) The peak power that the electric motor ("e-machine") can supply may be higher than the continuous power, depending on various factors such as the state of charge of the 48V lithium ion auxiliary battery and the environmental conditions.

## HYBRID SYSTEM BATTERY

(Mild Hybrid version)

| Features | |
|---|---|
| Battery type | Lithium ions |
| Voltage (Volts) | 48 |
| Energy capacity (Wh/Ah) | 770 / 17.5 |

# INTAKE SYSTEM

218)

| Versions | Intake system |
|---|---|
| **1.0 / 1.3** | Phased sequential electronic injection with knock control and variable intake valve actuation |
| **1.4 Turbo Multi Air (*)** | |
| **1.5 Mild Hybrid** | Electronic timed sequential injection with knock control |
| **1.3 Multijet** | Direct injection with electronically-controlled MultiJet Common Rail system, with intercooler |

(*) Where provided

***WARNING***

***218)*** *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.*

# TRANSMISSION

## VERSIONS WITH MANUAL TRANSMISSION

| Versions | Transmission | Clutch | Traction |
|---|---|---|---|
| **1.0 / 1.4 Turbo Multi Air 140 HP (*)** | Six forward gears plus reverse with synchronisers for forward gears and reverse | Self-adjusting pedal without idle stroke | Front |
| **1.3 Multijet** | Five forward gears plus reverse with synchronisers for forward gears and reverse | Self-adjusting pedal without idle stroke | Front |

(*) Version for specific markets

## VERSIONS WITH DUAL CLUTCH AUTOMATIC TRANSMISSION

| Versions | Transmission | Traction |
|---|---|---|
| **1.3 / 1.4 Turbo Multi Air 140 HP (*)** | Six forward gears plus reverse with synchronisers for forward gears and reverse | Front |

(*) Version for specific markets

## VERSIONS WITH ELECTRIFIED DUAL CLUTCH AUTOMATIC TRANSMISSION

| Versions | Transmission | Traction |
|---|---|---|
| **1.5 130HP Mild Hybrid** | Seven forward speeds plus reverse | Electrified Front (Heat engine and electric motor coupled on the front axle) |

NOTE An electric motor ("e-machine") is integrated in the electrified dual clutch automatic transmission.

# WHEELS

## RIMS AND WHEELS

Alloy or pressed steel rims. Tubeless radial carcass tires.

All approved tires are listed in the Registration Certificate.

WARNING 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.

WARNING Do not use inner tubes with tubeless tyres.

## CORRECT READING OF THE TYRE

**Example fig. 235: 215/55 R17 94V**

**215** Nominal width (S, distance in mm between sides)

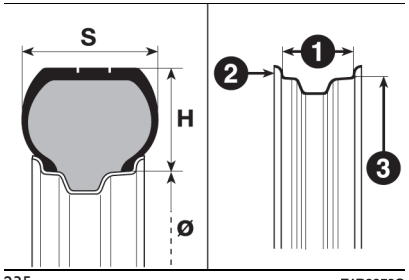
**55** Height/width ratio (H/S), expressed as a percentage

**R** Radial tyre

**17** Rim diameter in inches (Ø)

**94** Load rating (capacity)

**V** Maximum speed rating

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**Maximum speed index**

**Q** up to 160 km/h
**R** up to 170 km/h
**S** up to 180 km/h
**T** up to 190 km/h
**U** up to 200 km/h
**H** up to 210 km/h
**V** up to 240 km/h
**W** up to 270 km/h
**Y** up to 300 km/h

**Maximum speed index for snow tyres**

**QM + S** up to 160 km/h
**TM + S** up to 190 km/h
**HM + S** up to 210 km/h

| Load index (capacity) | |
|---|---|
| **60** = 250 kg | **76**= 400 kg |
| **61** = 257 kg | **77** = 412 kg |

| Load index (capacity) | |
|---|---|
| **62** = 265 kg | **78** = 425 kg |
| **63** = 272 kg | **79** = 437 kg |
| **64** = 280 kg | **80** = 450 kg |
| **65** = 290 kg | **81** = 462 kg |
| **66** = 300 kg | **82** = 475 kg |
| **67** = 307 kg | **83** = 487 kg |
| **68** = 315 kg | **84** = 500 kg |
| **69** = 325 kg | **85** = 515 kg |
| **70** = 335 kg | **86** = 530 kg |
| **71** = 345 kg | **87** = 545 kg |
| **72** = 355 kg | **88** = 560 kg |
| **73** = 365 kg | **89** = 580 kg |
| **74** = 375 kg | **90** = 600 kg |
| **75** = 387 kg | **91** = 615 kg |

## CORRECT READING OF THE RIM CODE

**Example fig. 235: 7J x 17 H2 ET40**

**7** width of the rim in inches (1).

**j** rim drop centre outline (side projection where the tyre bead rests) (2).

**17** fitting diameter in inches (corresponds to the diameter of the tyre to be fitted) ((3) = Ø).

**H2** shape and number of "humps" (circumference measurement which keeps the bead of tubeless tyres in position on the rim).

**ET40**: wheel compensation (distance between the disc/rim supporting plane and the wheel rim centre line).

## SNOW TYRES

⚠ 219)

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

The winter features of these tyres are reduced considerably when the tread depth is below 4 mm. Replace them in this case.

Their usage should therefore be restricted in accordance with their type-approval; always comply with specific local regulations relating to the use of snow tyres.

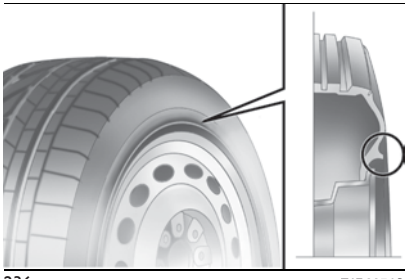
All four tyres should be the same (brand and track) to ensure greater safety when driving and braking as well as a good manoeuvrability.

Remember that you should not change the rotation direction of the tyres.

## RIM PROTECTOR TYRES

⚠ 220)

For wheel hub caps fitting on rims with Rim Protector tyres, see the warning below.



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**WARNING**

***219)*** *The top speed for snow tyres marked "Q" is 160 km/h, while it is 190 km/h for "T" tyres and 210 km/h for "H" tyres. Nevertheless, you must always comply with the highway code speed limits.*

***220)*** *Do NOT fit wheel hubs when using integral hubs fixed (with springs) to the steel rim, and tyres other than the factory-fitted tyres provided with the Rim Protector (fig. 236). Use of unsuitable tyres and wheel caps may cause sudden decrease of tyre pressure.*

## RIMS AND TYRES PROVIDED

⚠ 221)

| Rims | Tyres provided | Aftermarket winter tyres |
|---|---|---|
| 6.5J x 16 H2 ET40 | 215 / 60 R16 95H | 215 / 60 R16 95Q (M+S) |
| 7J x 17 H2 ET40 | 215 / 55 R17 94V (*) | 215 / 55 R17 94Q (M+S) |
| 7J x 18 H2 ET40 | 225 / 45 R18 91V (**) | 225 / 45 R18 91Q (M+S) |
| | 225 / 45 R18 91Y (**) | |

(*) Mandatory tyre for some specific versions/markets.
(**) Tyres not suitable for fitting snow chains

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

⚠ ***WARNING***

***221)*** *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.*

## COLD TYRE INFLATION PRESSURE (bar)

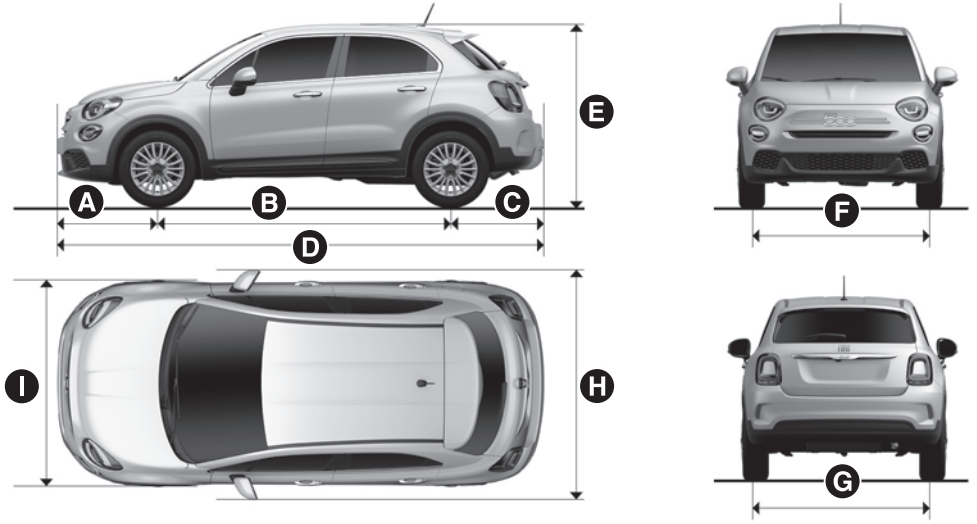
When the tyres are warm, the inflation pressure should be + 0.3 bar in relation to the recommended figure. However, recheck the correct value when the tyre is cold.
With snow tires, add +0.2 bar to the pressure value prescribed for standard tires.
If it is necessary to raise the vehicle, refer to the "Raising the vehicle" paragraph in the "In an emergency" chapter.

| Tyres | Unladen/medium load | | Full load | | Space-saver wheel |
|---|---|---|---|---|---|
| | Front | Rear | Front | Rear | |
| 215 / 60 R16 (*) | 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 | |

(*) 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.

# DIMENSIONS

Dimensions are expressed in mm and refer to the car equipped with its original tyres. Height is measured with car unladen. Small variations with respect to the reported values are possible depending on the dimensions of the rims.

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| A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|
| 877 | 2570 | 817 | 4264 | 1595 / 1603 (°) | 1545 | 1545 | 2025 | 1796 |

(°) With roof rack bars
**Boot volume**: 350 litres. With rear seats folded: 1000 litres.

# WEIGHTS AND LOADS

111)

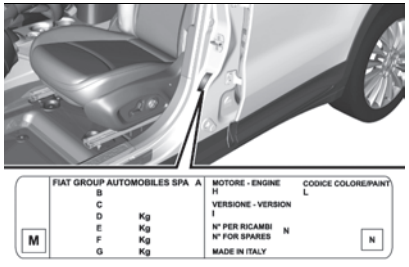
To identify the weights and loads for your car, refer to the plate shown in fig. 238 and described in the “Vehicle identification number (VIN) plate" chapter or refer to the car registration certificate showing the type-approved weights (for markets, where provided).

**D**: Maximum authorised weight of car fully laden (GVW).

**E**: Maximum authorised weight of fully laden car (GVW) plus trailer. If there is no value in the field or if there is a dash, it means that the car cannot tow.

**F**: Maximum permitted weight on first front axle.

**G**: Maximum permitted weight on second rear axle.

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To calculate the towable weight with a braked trailer, take the difference between values (E) e (D) shown on the plate.

E.g.: E=3080 kg - D= 1880 kg

Braked trailer = 1200 kg + 250 kg SAE towing (*)

WARNING **Do not exceed the indicated trailer and towable weights**.

WARNING **Observe the car towing capacities.**

WARNING **Never exceed the maximum permitted load indicated on the plate** (**E**).

(*) SAE towing: taking care never to exceed the maximum permitted load indicated on the plate (E):

❒ **for 1.0 / 1.3 / 1.5 Mild Hybrid versions** it can be increased up to 250 kg

❒ **for 1.4 MultiAir, 1.3 Multijet versions** SAE Towing is NOT provided: the maximum value of the braked trailer is obtained from the difference (E) - (D)

***IMPORTANT***

***111)*** *Do not load your car any heavier than the gross vehicle weight rating or the front and rear gross axle weight rating. If you do, parts on your car can break, or it can change the way your car handles. This could cause you to lose control. Also overloading can shorten the life of your car. Do not exceed the maximum load for the car and trailer combination. The maximum towable load is only permitted if it does not exceed the maximum load of the combination.*

## TOWABLE WEIGHTS (kg)

| Versions | GVW | A | B | C | D |
|---|---|---|---|---|---|
| **1.0** | 1840 | 1250 | 600 | 60 | 50 |
| **1.3** | 1880 | 1450 | 600 | 60 | 50 |
| **1.4 Turbo MultiAir 140 HP** | 1875 | 1200 | 600 | 60 | 50 |
| **1.5 130HP Mild Hybrid** | 1990 | 1450 | 600 | 60 | 50 |
| **1.3 Multijet** (*) | 1875 | 1000 | 600 | 60 | 50 |
| **1.3 Multijet** (**) | 1880 | 1000 | 600 | 60 | 50 |

**A** = TOWABLE WEIGHT (including SAE tow hitch, where provided)
**B** = UNBRAKED TRAILER
**C** = LOAD ON TOW HOOK
**D** = LOAD ON THE ROOF (versions with roof rack bars)
(*) Versions without AdBlue® (UREA).
(**) Versions with AdBlue® (UREA)

## REFILLING

| | 1.0 | 1.3 | 1.5 Mild Hybrid | Prescribed fuels and original lubricants |
|---|---|---|---|---|
| Fuel tank (litres): | 48 | 48 | 48 | Unleaded petrol with at least 95 R.O.N. (EN228 specifications) |
| Including a reserve of (litres): | 5 - 7 | 5 - 7 | 5 - 7 | |
| Engine cooling system (litres): | 6.94 | 8.3 | 5.5 | 50% mixture of distilled water and PARAFLU$^{UP}$ (*) |
| Electronic component auxiliary cooling system (**) (litres): | – | – | 6.0 | |
| Engine sump (litres): | 3.2 | 4.5 | 4.1 | SELENIA ECO2 (E6D-final 1.0 and 1.3 petrol versions and 1.5 Mild Hybrid versions) / SELENIA DIGITEK P.E. (E6D 1.0 and 1.3 petrol versions) |
| Engine sump and filter (litres): | 3.3 | 4.7 | 4.3 | |
| Gearbox casing/differential (litres) | 1.5 | 1.8 | 5.5 | TUTELA TRANSMISSION GEARFORCE (1.0 and 1.3 versions) / TUTELA DCT 700 H (1.5 Mild Hybrid versions) |
| Hydraulic brake circuit (kg) | 0.83 | 0.83 | 1.2 | TUTELA TOP EVO |
| Windscreen and rear window washer fluid reservoir (litres): | 2.5 | 2.5 | 2.5 | Mixture of water and PETRONAS DURANCE SC35 |

(*) 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 (**) (°°) | Prescribed fuels and original lubricants |
|---|---|---|---|
| Fuel tank (litres): | 48 | 48 | Unleaded petrol with at least 95 R.O.N. (EN228 specifications) |
| Including a reserve of (litres): | 5 - 7 | 5 - 7 | |
| Engine cooling system (litres): | 5.2 | 5.2 | 50% mixture of distilled water and PARAFLU$^{UP}$ (*) |
| Engine sump (litres): | 3.2 | 3.2 | SELENIA DIGITEK P.E. |
| Engine sump and filter (litres): | 3.6 | 3.6 | |
| Gearbox casing/differential (litres) | 1.8 | 2.1 | TUTELA TRANSMISSION GEARFORCE (versions with manual transmission / dual clutch automatic transmission) |
| Hydraulic brake circuit (kg) | 0.83 | 0.83 | TUTELA TOP EVO |
| Windscreen/rear window washer fluid reservoir (litres) | 2.5 | 2.5 | Mixture of water and PETRONAS DURANCE SC35 |

(*) When the car is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU$^{UP}$ and 40% demineralised water.
(**) Version for specific markets
(°) Versions with manual transmission
(°°) Dual clutch automatic transmission versions

| | 1.3 Multijet | Prescribed fuels and original lubricants |
|---|---|---|
| Fuel tank (litres) | 55 | Diesel for motor vehicles (EN590 Specification) |
| Including a reserve of (litres): | 5 - 7 | |
| Engine cooling system (litres): | 6.1 | 50% mixture of distilled water and PARAFLU$^{UP}$ (*) |
| Engine sump (litres) | 3.7 | SELENIA WR FORWARD -30 (versions without AdBlue®) / SELENIA ECO2 (1.3 Multijet versions with AdBlue®) |
| Engine sump and filter (litres) | 3.9 | |
| Gearbox casing/differential (litres) | 2.0 | TUTELA TRANSMISSION GEARFORCE (versions with manual transmission / dual clutch automatic transmission) |
| Hydraulic brake circuit (kg) | 0.83 | TUTELA TOP EVO |
| Windscreen/rear window washer fluid reservoir (litres) | 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 standards) **112) 113)** |

(*) When the car is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU$^{UP}$ and 40% demineralised water.

***IMPORTANT***

***112)*** *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.*
***113)*** *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 Service Schedule. Constant use of the prescribed lubricants guarantees the fuel consumption and emission specifications. Lubricant quality is crucial for engine operation and duration.

114)

## PRODUCT SPECIFICATIONS

| Use | Features | Specification | Original liquids and lubricants | Replacement frequency |
|---|---|---|---|---|
| Lubricant for E6D Final petrol engines (1.0 / 1.3 / 1.5 Mild Hybrid) | **SAE 0W-20** ACEA C5 | **9.55535-DM1** | **SELENIA ECO2** Contractual Technical Reference N° F049.C18 | According to Service Schedule |
| Lubricant for petrol engines E6D (1.0 / 1.3 /1.4 Turbo Multi Air, where provided) | **SAE 0W-30** ACEA C2 / API SN | **9.55535-GS1** | **SELENIA DIGITEK P.E.** Contractual Technical Reference N° F020.B12 | According to Service Schedule |
| 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 Service Schedule |
| Lubricant for 1.3 Multijet 95 HP diesel engines with AdBlue® | **SAE 0W-20** ACEA C5 | **9.55535-DM1** | **SELENIA ECO2** Contractual Technical Reference N° F049.C18 | According to Service Schedule |

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 liquids and lubricants | Applications |
|---|---|---|---|---|
| Lubricants and greases for drive transmission | 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) |
| | Synthetic lubricant, first use EG FFL-7A. | **9.55550-HE2** | **TUTELA DCT 700 H** Contractual Technical Reference N° F003.I21 | Lubricant for electrified dual clutch automatic transmission (Mild Hybrid 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 liquids and lubricants | Applications |
|---|---|---|---|---|
| Brake fluid | Synthetic fluid for brake and clutch systems. Exceeds specifications: FMVSS n° 116 DOT 4, ISO 4925 Class 6, SAE J1704. | **9.55597 or MS.90039** | **TUTELA TOP EVO** Contractual Technical Reference N° F002.L18 | Hydraulic brakes and hydraulic 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 |
| 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***

***114)*** *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 |
|---|---|
| **1.0 115 HP** (**) | 187 |
| **1.0 120 HP** | 188 |
| **1.3** | 196 |
| **1.4 Turbo Multi Air 140 HP** (**) | 190 |
| **1.4 Turbo Multi Air 140 HP** (*) (**) | 190 |
| **1.5 130 HP**(***) | 194 |
| **1.3 MultiJet 95 HP** | 172 |

(*) Versions with dual-clutch automatic transmission
(**) For versions/markets, where provided
(***) Mild Hybrid versions

NOTE In the case of Mild Hybrid versions with electronic Cruise Control, the maximum vehicle speed is reached in 6$^{th}$ gear.

## 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 car is registered.
The type of route, traffic conditions, weather conditions, driving style, general condition of the car, version/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)

The Manufacturer 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, the Manufacturer is offering its customers the chance to hand over their car at the end of its life without incurring any additional costs. The European Directive specifies that when the car 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 car over at the end of its life without extra cost, contact one of our dealerships if you are purchasing another car, or a collection and scrapping centre authorised by the Manufacturer. 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 a Stellantis dealership or by calling the number in the Warranty Booklet or by consulting the websites of the various Stellantis brands.

# MULTIMEDIA

*This chapter describes the main operations of the* ***Uconnect™*** *7" HD or* ***Uconnect™*** *7" HD Nav infotainment systems that can be installed in the car.*

# TIPS, CONTROLS AND GENERAL INFO

## ROAD SAFETY

Learn how to use the varied system functions before starting to drive.

Read the instructions for the system carefully before starting to drive.

222) 223)

## 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.

NOTE The DAB frequency can be used in countries where digital transmission technology is available. The device will tuned to any frequency if the DAB button is pressed in a country where the service is not provided.

## 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 and make sure that the **Uconnect™** system is turned off while cleaning

❒ prevent any liquid from entering the system: this could damage it beyond repair

115) 116)

## MULTIMEDIA DEVICES

IMPORTANT Some multimedia playing 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.

## ANTI-THEFT PROTECTION

The system is equipped with an anti-theft protection system based on the exchange of information with the electronic control unit (Body Computer) on the car.

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.

## WARNINGS

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***

***222)*** *Follow the safety rules here below: otherwise serious injuries may occur to the occupants or the system may be damaged.*
***223)*** *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***

***115)*** *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.*
***116)*** *Do not use the display as a base for supports with suction pads or adhesives for external navigators or smartphones or similar devices.*

(where provided)

CONTROLS ON FRONT PANEL


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## 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 graphic button |
| **Media** | Source selection: USB, **Bluetooth®** | Press graphic button |
| **Phone** | Access to the Phone mode | Press graphic button |
| **Uconnect™** | Access to the system functions (Audio, Media, Phone, Radio, etc.) | Press graphic button |
| **Nav** (*) | Access to the Navigation menu | Press graphic button |
| **Settings** | Access the settings menu | Press graphic button |
| **Trip** | Access to the Trip function | Press graphic button |

(*) **Uconnect™** HD Nav 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.


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## STEERING WHEEL CONTROLS
## SUMMARY TABLE

| Button | Interaction |
|---|---|
|  | ❒ Acceptance of incoming call<br>❒ Answering the second incoming call and putting the active call on hold<br>❒ 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<br>❒ Interruption of the voice message in order to give a new voice command<br>❒ Interruption of voice recognition<br>❒ Long press: activation of Siri, Apple CarPlay and Android Auto functions |
|  | ❒ Rejection of incoming call<br>❒ Ending of call in progress<br>❒ 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.<br>❒ *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 (where provided), USB. Only the available sources will be selected. |
| Lower button | ❒ *Brief button press*: search for next radio station or select USB previous track.<br>❒ *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**<br>❒ *Brief button press*: single volume increase.<br>❒ *Long button press*: fast volume increase. |
| Central button | Activation/deactivation of Mute function |
| Lower button | **Decreasing volume**<br>❒ *Brief button press*: single volume decrease.<br>❒ *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.

## TOUCHSCREEN FUNCTION

The system uses the touchscreen function; to interact with the different functions, press the graphic buttons displayed.

**Confirming a selection**: press the "OK" graphic 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) graphic buttons to select the desired frequency band are displayed (the graphic 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 only)

**At the bottom**: display of the following buttons:

- "Browse": list of the radio stations available
- ◀◀ / ▶▶ selecting the 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 & Fade" (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" graphic button to select the desired audio source among those available: USB and **Bluetooth®**.

WARNING 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 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" graphic 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

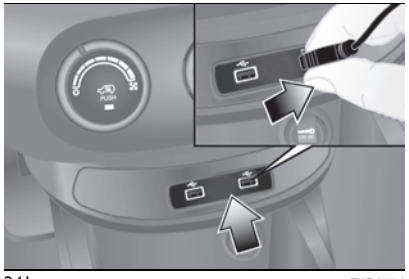
This mode is activated by pairing a **Bluetooth®** device containing music tracks with the system.

## PAIRING A Bluetooth® AUDIO DEVICE

To pair a **Bluetooth®** audio device, proceed as follows:
❒ activate the **Bluetooth®** function on the device
❒ press the "Media" graphic button on the display
❒ press the "Select Source" graphic button
❒ select the **Bluetooth®** Media source
❒ press the "Add Device" graphic 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 “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.
WARNING 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. 241.



241 F1B0754

WARNING After using a USB recharging port, disconnect the device (smartphone), always removing the cable from the vehicle socket first, never from the device (example in fig. 241). 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.

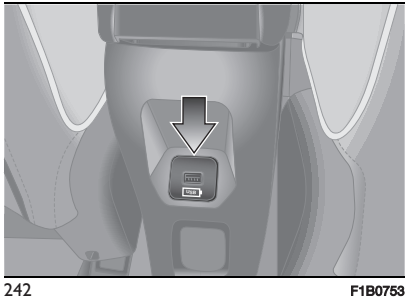
If the device used does not play, verify its compatibility by selecting Media mode: a dedicated message will appear on the **Uconnect™** system display.

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 charge port

(where provided)

Some versions have a USB charging port on the central console fig. 242.



242 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 graphic buttons on the display to:

- dial the phone number (using the graphic dial pad on the display)
- display and call the contacts in the phonebook of the mobile phone
- display and call contacts from the registers of previous calls
- pair up to 10 phones/audio devices to make access and connection easier and quicker
- transfer calls from the system to the mobile phone and vice versa and deactivate the microphone audio for private conversations

The mobile phone audio is transmitted through the car’s sound system; the system automatically mutes the radio when the Phone function is used.

### Pairing a mobile phone

WARNING Carry out this operation only with the 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" graphic 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 appears on the display 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 paired device as the preferred one

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 text exchange function through **Bluetooth®**.
If this operation is not supported by the phone, the corresponding "Text message" graphic 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 text message voice reading function available, the text message 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.
WARNING 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 customized message by means of the settings.

### Text message options

Predefined 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 a text message, the systems also allows the same message to be forwarded.

NOTE For details on how to send an text using the voice commands, refer to the dedicated paragraph.

### Browsing text messages

(where provided)

Using the steering wheel controls, you can view and manage the last 10 text messages received on the instrument panel display. To use this function, the mobile phone must support the text 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 controls, 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.

## Apple CarPlay AND Android Auto

(where provided)

NOTE The date and time shown on the **Uconnect™** system display must match the actual date and time, even after disconnecting the of the battery. Adjust using the settings menu. Any discrepancy between the date and time on the display and the actual date and time may be due to a malfunction in Apple CarPlay/Android Auto (for versions/markets, 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 and service availability in the country you are in, see the indications on the following 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 car 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.

They can change their selection at any time by accessing the navigation system that they want to use 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 from 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.

## HYBRID SYSTEM SCREENS (Mild Hybrid versions)

Using the display of the **UConnect™** system on your car, you can activate/deactivate some of Mild Hybrid mode functions, see below for more information.

Proceed as follows:

❒ press the graphic button on the display to access the **Uconnect™** system menu containing all the system application functions

❒ press the “Hybrid/Electric Pages” button to display the menus for the following modes:

- "Power flow"
- "Driving history"

### Power flow

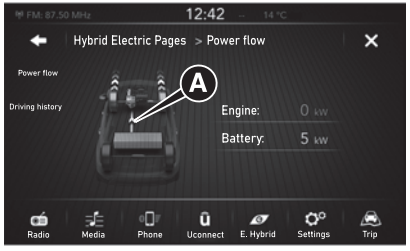
Through the "Power Flow" function fig. 243 it is possible to see on the display information related to the distribution of the power consumed/supplied by the systems:

❒ "Engine" (instantaneous power value, expressed in kW, that the heat engine is generating). Based on the car operating conditions, this power is used for car movement, heating the passenger compartment, supply the electric loads and charge the auxiliary lithium battery. The operation of the heat engine is monitored in order to minimize fuel consumption

❒ "Battery" (instantaneous power value, expressed in kW, related to the consumption of the electric motor and the electric loads of the car). This power is supplied by the 48V auxiliary battery to the electric motor "e-machine" integrated in the electrified dual clutch automatic transmission

***Driving with only the electric motor (EV) / "eLaunch" function (electric driving)***

The light blue energy flows (A) fig. 243, indicate that traction is taking place only with the electric motor.

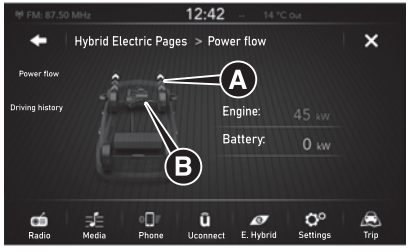



243 F1B0865

Press the "Power Flow" graphic button: the display will show the information previously described.

***Driving with only the heat engine***

The orange energy flows (A) fig. 244, indicate that traction is taking place only with the heat engine (B).



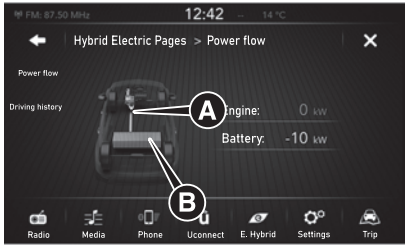

244 F1B0866

***Auxiliary battery charge***

During deceleration/braking the light blue flows (A) fig. 245 indicate the passage of energy from the wheels to the heat engine and from the latter to

the auxiliary battery (B), indicate energy recovery. The direction of the arrows indicate the flow direction.

NOTE If the auxiliary battery (48V) is flat, the “Power Flow” screen on the **Uconnect™** system display will not show the flows to the conventional battery (12V).



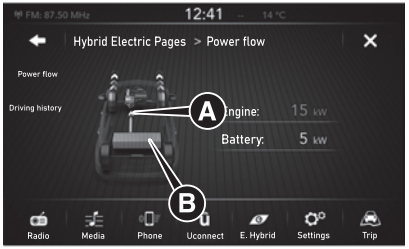

245 F1B0867

NOTE Also with the car stationary, if the 48V auxiliary battery charges the conventional 12V battery, it is normal that the **Uconnect™** system display shows an outgoing energy flow.

***Electric motor assistance for the heat engine***

The light blue flows (A) fig. 246, and the orientation of the arrows from the auxiliary battery (B) towards the heat engine indicate a combined traction between the heat engine and the electric motor.

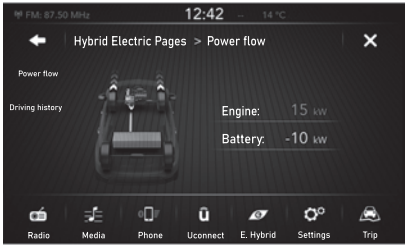
The contribution of the heat engine is shown by the orange energy flows.




246 F1B0868

In some operating conditions, fig. 247, the hybrid system can simultaneously charge the auxiliary battery (light blue) also while the heat engine (orange) permits car traction.

The light blue flow of energy indicates a passage of energy towards the battery.



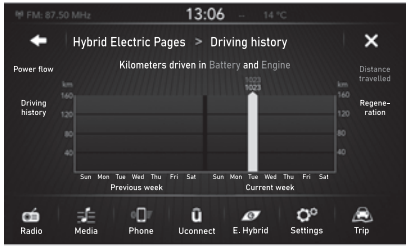

247 F1B0869

## Driving History

Using the "Driving History" function, you can see the graphs (relating to the "Previous Week" and "Current Week") on the display with information regarding:

- "Distance Travelled" (values expressed in km or mi)
- "Regeneration" (energy value, expressed in kWh)

Press the "Driving History" graphic button: the display will show the information related to the "Distance Travelled", fig. 248 or "Regeneration", fig. 249 (display of information related to the regeneration of the auxiliary battery).




248 F1B0870


249 F1B0871

***Distance Travelled***

The “Distance Travelled” screen has a bar graph that shows the miles/kilometres travelled with the battery and the engine power for the current week and the previous week.

The **yellow/light green** bars refer to operation with the auxiliary battery.

The **blue** bars refer to operation with the heat engine.

***Regeneration***

The “Regeneration” screen has a bar graph that shows the kWh gained in "eBraking" and "eCoasting" mode for the current week and the previous week.

The displayed period is for two weeks: every day of the week has its own vertical bar.

## SETTINGS

Press the “Settings” graphic 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 Commands
❒ Clock & Date
❒ Safety & Driving Assistance (where provided)
❒ Lights
❒ Doors & Locks
❒ Key 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 only)

Press the "Nav" graphic 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” graphic button to search for an address, a place or a Point of Interest, and then plan a route to that location
❒ select the "Current route” graphic button to delete or change 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 "Report Speed Camera" button to receive information on the weather or warnings about speed camera locations

NOTE The "Weather" and "Report Speed Camera" 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” graphic 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 graphic button to return to the map display or navigation view.

Select this graphic button to activate/deactivate voice instructions. Selecting deactivation, you will no longer hear spoken route instructions but you will still hear information such as traffic information and warning sounds. **Tip**: you can deactivate the warning sounds by selecting “Settings”, then “Sounds & Alerts”.

Select this graphic 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 Voice commands are not available for languages not supported by the system.

NOTE Voice entry of addresses is only supported in the country in which you are located and provided that the system language matches the local language. For example, if the car is located in Italy, it will be possible to enter Italian addresses only if the system language is set to "Italian".

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 commands

The following voice commands can be given after pressing the (( button on the steering wheel:

- Help
- Cancel
- Repeat
- Voice tutorial

### Phone voice commands

The following voice commands can be given after pressing the (( button on the steering wheel:

- Call
- Dial
- Redial
- Call back
- Show recent calls
- Show outgoing calls
- Show missed calls
- Show incoming calls
- Contacts
- Search
- Show text message
- Send a text message
- Show messages

**Radio voice commands**

The following voice commands can be given after pressing the button on the steering wheel:

- Tune to FM "frequency"
- Tune to AM "frequency"
- Tune to the DAB “frequency” (where provided)
- Tune to "radio name" FM

**Media voice commands**

The following voice commands can be given after pressing the button on the steering wheel:

- Play song...
- Play album…
- Play artist…
- Play genre…
- Play playlist…
- Play podcast…
- Play audiobook…
- Select the source...
- View...

**Navigation voice controls**

(versions with **Uconnect™** 7" HD Nav only)

The following voice commands 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 location to “My Places”
- View “My Places”
- Go through a saved location
- Recent Destinations
- Stop at a recent destination
- Increase zoom
- Zoom out
- 2D view
- 3D view
- Report Speed Camera
- Report Risk Zone

## MOPAR® CONNECT

(where provided)

These services let you keep your car 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 car 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 car was handed over to you.

### SERVICES

WARNING Some of the services listed below may not be available if the car is left with the engine off for more than 20 days. Start the engine to reactivate these services.

According on the equipment of the car and of the country, different services may be available for different durations. For further information about your car, go to the personal page on the official Fiat website.

Some of the packages made available to the customer are:

- **My:Assistant**: package for customer assistance in the event of an accident, breakdown or attempted theft. The package can be accessed from the **Uconnect™ LIVE** app and can also be used to detect unauthorised towing or tampering of the car
- **My:RemoteControl**: package for managing remote functions from the **Uconnect™ LIVE** smartphone app, such as the car location on the map or locking/unlocking the doors, unlocking the boot and flashing the hazard warning lights for 4 seconds
- **My:Car**: package for remote monitoring of the car status, such as fuel level and tyre pressure, using the **Uconnect™ LIVE** App. The package also includes the car Condition Report to check the state of health of the car via web and with a monthly email

❒ **My:Journey:** package for viewing and managing your journeys using the **Uconnect™ LIVE** app with dates, maps, personal notes and travel reports

Download the **Uconnect™ LIVE** app for smartphones 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.

The main functions of the **My:RemoteControl**, **My:Car** and **My:Journey** packages (where provided) can be run using Google Assistant voice commands (where provided), in addition to the **Uconnect™ LIVE** app and the web portal www.driveuconnect.eu.

With **Mobility Services**, it is also possible to take advantage of proposals from Stellantis partners.

## 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.

WARNING Car position tracing remains active for the assistance services, where provided, in the event of accident or car 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 vehicle identification 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 confirmation, you can start your trip in the knowledge that the car will not be tracked 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 car 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 provided with the car complies with Directive 2014/53/EU, UA.RED.TR, the French SAR Decree Law of 15/11/2019 and the UKCA (UK Conformity Assessed) Certification of 01/01/2023 in force in the United Kingdom.

For further information visit the www.mopar.eu/owner or http://aftersales.fiat.com/elum/ websites

### Radio frequency devices

eLUM

All radio frequency devices comply with the regulations in force in the countries in which they are sold.

For further information visit the www.mopar.eu/owner or http://aftersales.fiat.com/elum/ websites

# BORN TO BE TOGETHER


SELENIA®

MOPAR®

®SELENIA

MOPAR®

# *Oil change? The experts reccomend Selenia*

*The engine of your car is factory filled with **Selenia**. This is an engine oil range which satisfies the most advanced international specifications. Its superior characteristics allow **Selenia** to guarantee the highest performance and protection of your engine.*

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**The Selenia range includes a number of technologically advanced products:**

**Selenia ECO2**
Selenia ECO2 is a synthetic lubricant developed in collaboration with STELLANTIS for passenger car engines that is formulated to have low ash characteristics and provides very high energy saving fluid.

**Selenia WR FORWARD 0W-20**
Selenia WR FORWARD 0W-20 is a fully synthetic lubricant developed in collaboration with STELLANTIS specifically designed for latest generation passenger cars with diesel engines (Euro 6 Standards with UREA) and for high-performance engines in the luxury and sport cars segments.

**Selenia WR FORWARD 0W-30**
Selenia WR FORWARD 0W-30 is a fully synthetic lubricant developed in collaboration with FCA for Euro 6 diesel engines without urea. Its viscosity grade permits to increase the fuel economy characteristics and consequently the reduction of $CO_2$ produced.

**Selenia DIGITEK PURE ENERGY**
Selenia DIGITEK PURE ENERGY 0W-30 is a fully synthetic lubricant developed in collaboration with STELLANTIS formulated for modern passenger car petrol Euro 6 engines. Its particular viscosity grade and specific formulation are able to increase the fuel economy characteristics and consequently the reduction of $CO_2$ produced.

**Selenia MULTIPOWER GAS**
Selenia MULTIPOWER GAS 5W-40 is a fully synthetic lubricant developed in collaboration with STELLANTIS designed for passenger cars with petrol engines, as well as turbocharged, powered with methane or LPG.

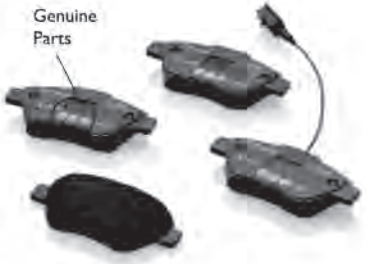
**CHOOSING GENUINE PARTS IS THE MOST NATURAL CHOICE**

# 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

**FLEXCARE - SUBSCRIBE TO PEACE OF MIND**

A collection of extended warranty and service plans (where and which provided) to match the way you drive

**PROTECTION**
Protect yourself from the unexpected.

**PREDICTABILITY**
Anticipate the costs, with no surprises.

**FLEXIBILITY**
Tailor your FlexCare plan to your needs

**EXPERTISE**
Benefit from Brand Parts and the unique expertise of our network.

The extended warranty, called Extended Care Premium, lets you extend the manufacture warranty beyond its stand duration, allowing you to benefit from the same vehicle protection as the original manufacturer warranty for up to three more years. You can subscribe to an extended warranty contract any time before the original manufacturer's warranty expires.

The Service Plan, on other hand, doesn't just help the maintenance costs of your vehicle, but also gives you valuable additional services to make life with your vehicle easier. There are various levels of service plans available, from basic scheduled servicing operations to more complete packages such as "Complete Care Plus" which combines extended warranty, schedule maintenance, wear items & roadside assistance all in one exclusive plan.
You can discover more and purchase directly on line by visiting the Brand website or speak to your local dealership to see which one is more suitable for your vehicle.

# NOTES

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# WHY CHOOSING GENUINE PARTS

We really know your car because we invented, designed and built it: we really know every single detail.
At **Fiat Service authorised workshops** you can find technicians directly trained by us, offering quality and professionalism for all service operations.
Fiat workshops are always close to you for the regular servicing operations, season checks and practical recommendations by our experts.
**With Original Parts distributed by MOPAR®, you maintain the reliability, comfort and performance features that you bought your new car for over time.**
Always ask for Genuine Parts for the components used on our cars; we recommend them because they come from our steady commitment in research and development of highly innovative technologies.
For all these reasons: **rely on Genuine Parts, because they are the only ones designed by FCA for your car.**

ENGLISH