F I A T **E - D U C A T O**

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

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

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

ONLINE VEHICLE OWNER HANDBOOK

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

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

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

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 Ducato.

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

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

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 e-shifter; at the same time, you can understand the vehicle behaviour on different road surfaces.

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

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

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

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

Enjoy reading. Happy motoring!

IMPORTANT

This Owner Handbook describes all Fiat Ducato versions. As a consequence, you should only consider the information related to the trim level, motor and version of the vehicle that you have purchased. All data contained in this publication are purely indicative. FCA Italy S.p.A. can modify the specifications of the vehicle model described in this publication at any time, for technical or marketing purposes. For further information, contact a Fiat Dealership.

READ THIS CAREFULLY

STARTING THE MOTOR

Make sure that the handbrake is pulled. Put the e-shifter in N-H. Without pressing the accelerator, turn the ignition device to MAR and wait for the warning light to go out. Press the brake pedal and then turn the ignition device to the AVV position and release it. Wait for the "READY" indicator light to come on.

ELECTRICAL ACCESSORIES

If, after buying the vehicle, you decide to add electrical accessories (with the risk of gradually draining the 12V battery), visit a Fiat Dealership. They can calculate the overall electrical requirement and check that the electrical system of the vehicle can support the required load.

SCHEDULED SERVICING

Correct maintenance enables the vehicle to perfectly maintain performance and safety characteristics, its environmental friendliness and low running costs over time.

THE OWNER HANDBOOK CONTAINS...

... important information, advice and warnings for correct use, driving safety and maintenance of your vehicle over time. Particular attention should be paid to information marked with the following symbols: (personal safety), (environmental protection), (vehicle integrity).

USE OF THE OWNER HANDBOOK

OPERATING INSTRUCTIONS

Each time direction instructions (left/right or forwards/backwards) about the vehicle are given, these must be intended as regarding an occupant in the driver's seat. 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 vehicle. In addition, the Handbook has been conceived considering vehicles with steering wheel on the left side; it is therefore possible that on vehicles with steering wheel on the right side, the position or construction of some controls is not exactly mirror-like with respect to the figure.

To identify the chapter with the information needed you can consult the index at the end of this Owner Handbook.

Chapters can be rapidly identified with dedicated graphic tabs, at the side of each odd page. A few pages further there is a key for getting to know the chapter order and the relevant symbols in the tabs. There is in any case a textual indication of the current chapter at the side of each even page.

WARNINGS AND CAUTIONS

While reading this Owner Handbook you will find a series of **WARNINGS** to prevent procedures that could damage your vehicle.

There are also **PRECAUTIONS** that must be carefully followed to prevent incorrect use of the components of the vehicle, which could cause accidents or injuries.

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

WARNINGS and **PRECAUTIONS** are recalled in the text with the following symbols:

 personal safety;

 vehicle integrity;

 environmental protection.

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

SYMBOLS

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

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

VEHICLE MODIFICATIONS/ALTERATIONS

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

KNOWING YOUR VEHICLE

In-depth knowledge of your new vehicle starts here.

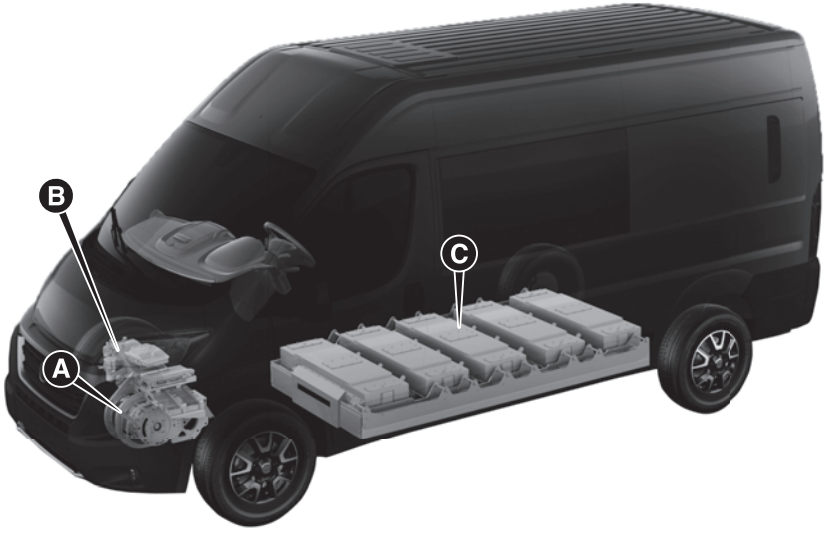
The handbook that you are reading simply and directly explains how it is made and how it works.

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

OPERATING PRINCIPLE

The propulsion system of the Ducato is completely powered by the energy contained in the high-voltage lithium-ion rechargeable batteries included in the vehicle. Unlike conventional or hybrid cars, there is no internal combustion engine on this vehicle.
The Ducato uses the electrical energy stored in the high-voltage batteries and not fuel. These batteries provide the energy needed to start moving and therefore needs to be recharged before use. If the high-voltage batteries are completely flat the vehicle will not start.
This vehicle also has a 12V battery of the same type as those used by cars with internal combustion engines. If the 12V battery is completely flat the vehicle will not start.
The 12V battery supplies power to the conventional electrical system: lights, windscreen wipers, restraint systems (airbags and pretensioners), sound system, etc.
The high-voltage batteries supply power to the electric motor and supply the high-voltage auxiliary devices (heaters, electric climate control compressor, etc.). The electronic converter that powers the 12V system for general operation of the vehicle is also powered by the high-voltage batteries and also recharges the 12V battery.
The batteries are charged by connecting the charging port of the vehicle to the mains power supply using the charging cable. The battery is charged by connecting the charging socket of the car to the mains power supply using the charging cable.
The high-voltage batteries are also partially recharged while driving during deceleration or braking. During this steps, the batteries are recharged by regeneration via the electric motor. This is an efficient way of recharging as the kinetic energy of the vehicle is used and converted into electric charging energy.
Electric vehicles have specific characteristics of use, which is useful to know, to achieve optimal performance.
This vehicle respects the environment because it does not emit exhaust gases and therefore has zero CO_2 emissions.

FUNCTIONAL DIAGRAM OF THE VEHICLE



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A. Traction electric motor B. Voltage converter C. High-voltage batteries (example of 5-battery version)

HIGH-VOLTAGE BATTERIES

The high-voltage batteries are located underneath the vehicle. They are maintenance-free and are developed to last as long as the service life of the vehicle.

Lithium batteries have the following advantages:

❒ they are are much lighter than other types of rechargeable batteries of the same size;

❒ they maintain the charge;

❒ have no memory, i.e. it is not necessary to discharge them completely before recharging, as is the case with other types of batteries;

❒ can be recharged and discharged, charging times vary depending on home or public charging mode and power.

The high-voltage batteries of the Ducato have a nominal voltage of 388V.

The high-voltage batteries are provided with conditioning systems that ensure that they operate under the best temperature conditions appropriate to their operation.

1) 2) 3) 4)

The vehicle is equipped with a safety device that inhibits the activation of the high-voltage system. This device is normally used by Fiat Dealerships to repair and service the vehicle.

1)

5) 6) 7)

1) 2)

HIGH-VOLTAGE BATTERY DISPOSAL

The high-voltage battery is designed to last for the lifetime of the vehicle. If it is necessary to replace the batteries, please contact a Fiat Dealership for information on disposal.

NOTE The vehicle is provided with a high-voltage lithium-ion batteries. Inappropriate disposal of this type of batteries carries a risk of serious burns, electric shock and damage to the environment. In accordance with national and international battery regulations, FCA guarantees an adequate collection of this component in cooperation with qualified operators for the proper handling of the batteries to be disposed of.

GENERAL INFORMATION

The vehicle is also equipped with a battery management system designed to:

❒ ensure safe operation

❒ optimise driving range

❒ optimise the working life of the high-voltage batteries

NOTE You can hear a click from inside the vehicle when the vehicle is starting and switching it off. When the ignition device is MAR, the high-voltage battery contactors are closed to allow the distribution of the accumulated electricity to use the vehicle. This typical sound is the noise of these contactors opening and closing and is normal for the Ducato.

If the temperature of the high-voltage batteries is below -10°C, or above 40°C, some vehicle functions may change or turn off as battery performance decreases outside the correct operating conditions.

OPERATING MODE

As with a vehicle with automatic transmission, you must get used to not using your left foot to operate the brake pedal. While driving, when you lift your foot off the accelerator pedal "eCoasting" (if it is not deactivated by the driver) or when you press the brake pedal during deceleration, the motor generates electric current which is used to brake the vehicle and recharge the high-voltage batteries. Refer to the "eBraking mode" chapter in the "Starting and driving" section.

Special cases:

❒ after the batteries have been fully recharged and during the first kilometres of use of the vehicle, the

exhaust brake is in a temporary condition of reduced effectiveness;
❒ the braking effect of the motor is reduced even when the batteries are very hot or very cold.

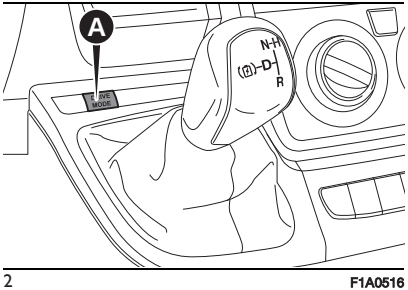
Adapt your driving accordingly.

⚠ 8) 9) 10)

Three different operating modes can be selected by pressing button (A) fig. 2 near the e-shifter:

❒ e-POWER
❒ NORMAL
❒ ECO

The standard operating mode at motor start is "NORMAL" with eCoasting always active.



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Before listing the specific features of each driving mode, it is important to highlight a few that are independent from the selected mode and therefore always present:

❒ when the e-shifter is in the centre position (D - Drive), press the brake pedal to keep the vehicle stationary. When the brake pedal is released the vehicle will start to move at slow speed. This is called "creeping".
❒ "eCoasting": The mode is active when the vehicle is started in all operating modes to maximise energy recovery. The "eCoasting" mode can be deactivated by moving the e-shifter to the left towards the symbol from the centre position; when this mode is active, when the accelerator pedal is released, the vehicle slows down with a motor braking effect similar to that of a conventional vehicle. During this phase, the high-voltage batteries are partially recharged (regeneration).
❒ "eSailing": With "eCoasting" off, the vehicle runs as if in neutral so there is no regeneration of the high-voltage batteries.

"e-POWER" mode

In "e-POWER" mode, the vehicle has no performance limitations and can be driven fast using all the power and torque of the traction system, up to a maximum speed of 100 km/h for vehicles with a GVW of 35 q and 90 km/h for vehicles with a GVW of 42.5 q.

"NORMAL" mode

In "NORMAL" mode, the vehicle has acceleration limitations and the top speed is limited to 90 km/h. It also offers comfortable handling characterised by a smoother response to accelerator pedal pressure.

"ECO" mode

In "ECO" mode, the vehicle has greater acceleration limitations with respect to "NORMAL" mode and the top speed is electronically limited to 80km/h. "ECO mode significantly helps to adopt a driving style aimed at maximum efficiency and maximises the range of the vehicle.

PERFORMANCE LIMITATION ("TURTLE" MODE)

The warning light on the instrument panel comes on when the charge level of the high voltage batteries is less than 5%. In this case, the vehicle is in "Turtle" mode and its performance is limited, with the maximum speed limited to 50 km/h.

WARNING The range in "Turtle" mode is very limited and allows driving a distance of a few kilometres.

WARNING

1) *The propulsion system of the electric vehicle is connected by the high-voltage batteries and when the system is active the components are then powered at high-voltage. Observe the warning messages on the labels on the vehicle when accessing the motor compartment. Any intervention or modification on the high-voltage electrical system of the vehicle (components, cables, connectors, high-voltage batteries) is strictly forbidden due to the risks it may imply for your safety. In this case, contact a Fiat Dealership. Tampering with the high-voltage system can lead to serious burns or electrical discharges with even fatal consequences.*
2) *Always check that the level of charge of the high-voltage batteries is high enough. Driving with over-discharged batteries can lead to vehicle malfunction with the possibility of causing accidents or being involved in them.*
3) *In the event of power limitation or when the vehicle is with the state of charge of the high-voltage battery is at 5% (indicated by the instrument panel warning light), the performance of the vehicle may change, with a reduction in, for example, regenerative acceleration or braking. Speed and driving style must be adjusted accordingly, also taking into account environmental and traffic conditions.*
4) *For electric vehicles, momentary power limitations may occur while driving. These limitations can occur essentially under the following conditions: very high or very low high-voltage battery temperature (typically related to environmental conditions); low charge level of high-voltage batteries; aggressive driving style with repeated strong acceleration or deceleration. Adapt your driving accordingly.*
5) *Do not resell, give away or modify the high-voltage batteries. The high-voltage batteries must only be used on the vehicle on which they were supplied. If used outside the vehicle or modified, accidents such as electric shock, heat or smoke generation, explosion or electrolyte leakage may occur.*
6) *If the vehicle is scrapped without removing the high-voltage batteries, contact with high-voltage components, cables and connectors could cause very dangerous electric shock.*
7) *If the high-voltage batteries are not disposed of properly, they may cause electric shock, resulting in serious injury or death.*
8) *Under no circumstances may the motor brake replace pressing the brake pedal.*
9) *In case of bad weather and flooded roads: Do not drive on a flooded street if the water level exceeds the lower part of the wheel rims.*
10) *Due to the quiet operation of your electric vehicle, be careful not to leave it on. Always set the e-shifter to N-H and engage the electric parking brake and stop the motor. DANGER OF SERIOUS INJURY.*

IMPORTANT

1) *Never tamper with this component which is used only in case of maintenance of the vehicle by a qualified technician at Fiat Dealership.*

IMPORTANT

1) *Do not dispose of the batteries yourself. If the vehicle is scrapped, the high-voltage batteries must be disposed of at a Fiat Dealership, which has the technical expertise to dispose of them in complete safety.*
2) *Live parts of the vehicle are marked with safety warning labels. The high-voltage batteries have a label indicating this danger.*

THE FIAT CODE SYSTEM

IN BRIEF

This is an electrical engine locking system which increases protection against attempted theft of the vehicle. It is automatically activated when the ignition key is removed.
Each key contains an electronic device which modulates the signal emitted during ignition by an aerial built into the ignition device. The signal, which changes each time the engine is started, is the "password", by means of which the control unit

recognises the key and enables starting.
2)

Operation

Each time the vehicle is started turning the ignition key to **MAR**, the Fiat CODE system control unit sends a recognition code to the engine control module to deactivate the immobiliser.
The code is sent only if the Fiat CODE system control unit has recognised the code transmitted from the key.
Each time the ignition key is turned to STOP, the Fiat CODE system deactivates the functions of the engine control module.

Irregular operation

If, during starting, the code has not been recognised correctly the warning light on the instrument panel turns on accompanied by the related message on the display (see section "Warning lights and messages").
In this case, turn the key to **STOP** and then back to **MAR**; if the lock continues, try with the other keys provided with the vehicle. Contact a Fiat Dealership if you still cannot start the engine.

WARNING 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.

Activation of icon / warning light while driving

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

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.*

THE KEYS

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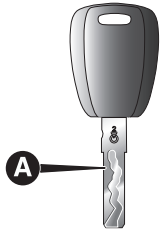
MECHANICAL KEY

The metal part (A) fig. 3 of the key is fixed.
The key operates:
❒ the ignition device;
❒ the door lock;



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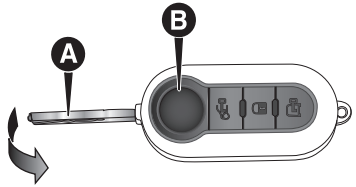
11)

KEY WITH REMOTE CONTROL

12)
3)

The metal insert (A) fig. 3 - fig. 4 - fig. 5 is retractable and operates:
❒ the ignition device;
❒ the door lock;
To extract the metal insert, press button (B) fig. 4 - fig. 5.



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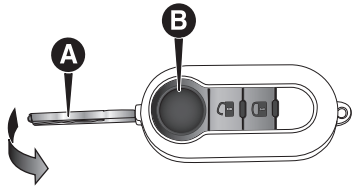
Button is used for unlocking the front doors.
Button locks all the doors.
Button is used for unlocking the load compartment doors.
When unlocking the doors, the ceiling light will come on for a preset time.
For some versions there is a key with remote control and 2 buttons and fig. 5.
Button locks all the doors.
Button unlocks all the doors.



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WARNING

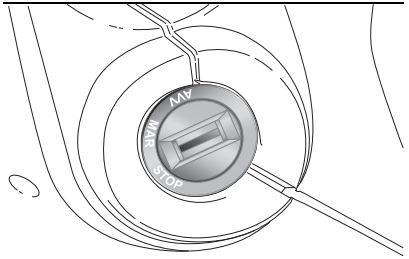
11) *Button (B) should only be pressed when the key is away from the body, in particular from the eyes and from objects that can be spoilt (e.g. clothes). Do not leave the key unattended to avoid the button being accidentally pressed while it is being handled, e.g. by a child.*
12) *Do not swallow the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

IMPORTANT

3) *Used batteries are harmful to the environment. You can dispose of them either in the correct containers as specified by law or by taking them to a Fiat Dealership, which will deal with their disposal.*

IGNITION DEVICE

The key can be turned to 3 different positions fig. 6:
❒ STOP: engine off, key can be extracted, steering locked. Some electrical devices (e.g. radio, central door locking system, etc.) can operate;
❒ MAR: driving position. All electrical devices are enabled;
❒ AVV: activation of the electrical system (unstable position).



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The ignition device is fitted with an electronic safety system that requires the ignition key to be turned back to STOP if the vehicle activation fails, before the starting operation can be repeated.
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STEERING LOCK

Activation

When the key is at STOP, remove the key and turn the steering wheel until it locks.

Deactivation

Move the steering wheel slightly as you turn the ignition key to MAR-ON.

WARNING

13) *If the ignition device has been tampered with (e.g. attempted theft), have it checked over by a Fiat Dealership before driving again.*
14) *Always remove the key when you leave your vehicle to prevent someone from accidentally operating the controls. Remember to engage the handbrake. Set the e-shifter to the N-H (Neutral/Hold) position. Never leave children unattended in the vehicle.*
15) *Never extract the key while the vehicle is moving. The steering wheel will automatically lock as soon as it is turned. This also applies to cases in which the vehicle is towed.*
16) *It is absolutely forbidden to carry out any aftermarket operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could adversely affect performance, invalidate the warranty, cause serious safety problems and also result in the vehicle not meeting type-approval requirements.*

ELECTRONIC ALARM

(for versions/markets, where provided)
The alarm, in addition to all the remote control functions described previously, is controlled by the receiver located under the dashboard near the fusebox.

Activation

With the doors and bonnet closed and the ignition key either turned to STOP or removed, point the key with the remote control towards the vehicle and press and release the lock button.
Excluding some markets, the system produces an acoustic warning (beep) and enables door locking.
The switching on of the alarm is preceded by an self-diagnosis stage: if a fault is detected, the system produces another acoustic warning.
In this case, turn the alarm off by pressing the "release doors/release load compartment" button, check that the doors and bonnet are properly closed and turn the alarm back on by pressing the lock button.
If a door or the bonnet is not properly shut, it will be excluded from the testing by the alarm system.
If the alarm produces an acoustic warning even when the doors and bonnet are correctly closed, a fault has occurred in the operation of the system. Contact a Fiat Dealership.

WARNING The alarm does not come on when the central locking is activated using the metal insert in the key.

WARNING The alarm is adapted to meet requirements in various countries.

Deactivation

Press the door release/load compartment release button on the key with remote control.
The following operations are performed (excluding some markets):
- direction indicators flash twice;
- two brief acoustic signals ("beeps");
- doors are unlocked.

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

Disabling

To permanently disable the alarm (e.g. during a long period of inactivity), simply lock the vehicle by turning the metal insert of the key with remote control in the lock.

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

DOORS

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DOOR CENTRAL LOCKING/UNLOCKING

Locking from the outside

With the doors shut, press button on the remote control fig. 7 - fig. 8 or insert the metal insert (A) in the lock of the door on the driver's side and turn it clockwise. The doors will only be locked if all doors are shut.

To extract the metal insert, press the button (B).

If one or more of the doors is open after the button on the remote control is pressed, the direction indicators and the LED in the button (A) fig. 10 will flash quickly for about 3 seconds. With the function on, the button (A) fig. 10 is disabled.

Pressing button on the remote control twice in quick succession to activate the dead lock device (see the "Dead lock device" paragraph).

By locking all doors at the same time by remote control or by locking the front door on the driver's side with a mechanical key, the charging port flap is also locked.

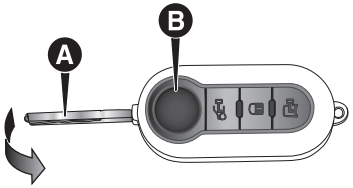
Locking/unlocking the charging port

The inserted charging cable is locked with the front door lock (manual or remote control). Charging starts after a few moments or, if scheduled, it will start at the set time.

When the front doors are unlocked (manually or by remote control), the charging cable connected to the port is also unlocked after a few seconds.

Door unlocking from the outside

Briefly press button fig. 7 or fig. 8, according to the version, to remotely unlock the front doors, switch on the ceiling lights in a timed manner and flash the direction indicators.



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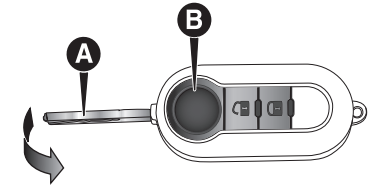

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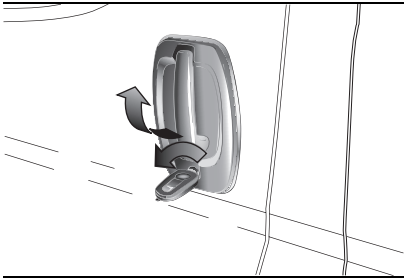

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Turn the metal insert anticlockwise fig. 9 in the driver's door lock to unlock all the doors. With the 12V battery disconnected, access to the vehicle will only be possible by unlocking the driver's door using the mechanical lock.

If all front doors are unlocked at the same time by remote control or if the front door on the driver's side is

unlocked using a mechanical key, the charging port is also unlocked.

Locking/unlocking doors from the inside

Press the button (A) fig. 10 to lock the doors and press it again to unlock them. Locking / unlocking is centralised (front and rear).

When the doors are locked, the LED in button (A) is on and, when the button is pressed again, all the doors are centrally unlocked and the warning light is switched off.

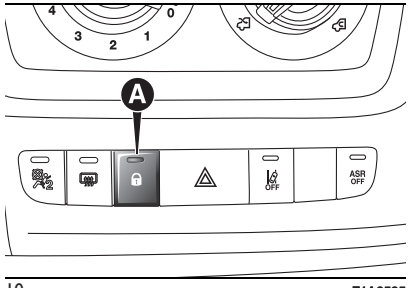
When the doors are unlocked, the LED is off and pressing the button again centrally locks all the doors. The doors will be locked only if all the doors are properly shut.

Following the locking of the doors using:

❒ remote control

❒ door pawl

it will not be possible to unlock using the button (A) fig. 10 on the dashboard.



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WARNING With the central locking on, pulling the opening lever for one of the front doors causes the central locking to be switched off. Individual doors can be unlocked by pulling the opening handle of one of the rear doors.

If a power supply is not present (blown fuse, 12V battery disconnected, etc.) it is, however, possible to lock the doors manually.

After exceeding a speed of 20 km/h, all the doors will be locked automatically if the setup menu function has been selected (see the "Reconfigurable multifunction display" chapter of the "Knowing the instrument panel" section).

MECHANICAL LOCK OF PASSENGER SIDE CAB DOOR

This is a device which allows the passenger side cab door to be locked mechanically, to prevent it from being opened from the outside, if no power supply is available (12V battery disconnected).

The device in fig. 11 can be engaged only with the passenger side cab door open.

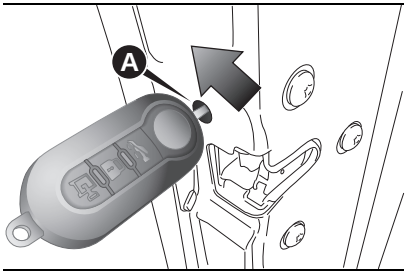
Proceed as follows:

❒ Insert the key in device (A) and move it upward as shown to lock the door fig. 11.

❒ Close the door.

Check that the door has locked by trying the outside handle.

To unlock the device, operate the inside handle of the passenger side cab door or, if the 12V battery power has been restored, press button or (per versions/markets, where provided) on the key with remote control.



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LOCKING/UNLOCKING THE LOAD COMPARTMENT

The activation of the locking is signalled by the LED in the button.

The LED comes on in the following cases:

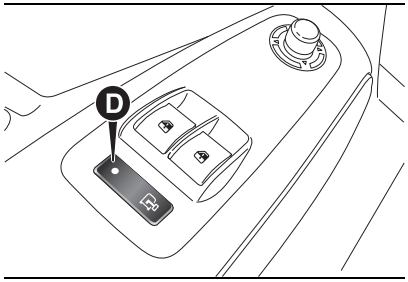
❒ after each door lock command generated by the button (D) fig. 12 or by button 🔒 in the dashboard;

❒ when the instrument panel is activated;

❒ upon opening of one of the front doors;

❒ when the door is locked at 20 km/h (if activated from the menu).

The lock is turned off when one of the load compartment doors is opened or on a door release request (load compartment or centralised) or an unlocking request from the remote control/door catch.



12 F1A0116

DEAD LOCK DEVICE

(for versions/markets, where provided)

It is a safety device that disables operation of the interior handles.

Press the lock/unlock button (A) fig. 10 to prevent opening the doors from inside the passenger compartment in the event of an attempted break-in (e.g. when a window is broken).

The dead lock device therefore offers the best possible protection against break in attempts. We recommend engaging it whenever the vehicle is parked and left unattended.

⚠ 17)

Device activation

The dead lock device is automatically activated on every door with two short presses on the button 🔒 on the key with remote control fig. 7.

The direction indicators flash 3 times and the LED on the button (A) fig. 10 among the dashboard controls flashes to indicate that the device has been turned on.

If one or more of the doors is not perfectly shut, the dead lock device will not be activated, thus preventing a person getting into the vehicle through the open door and, on shutting, it, remaining stuck inside the passenger compartment.

Device deactivation

The system is disabled automatically on every door in the following cases:

❒ if the mechanical key is turned to the opening position in the driver's door;

❒ by unlocking the doors using the remote control;

❒ by turning the ignition key to the MAR position.

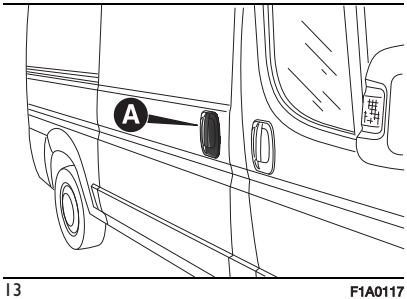
SLIDING SIDE DOOR

⚠ 18) 19)

To open the sliding side door, lift the handle (A) fig. 13 and accompany the door in the opening direction.

The sliding side door is equipped with a stop that prevents it sliding beyond the end of its travel when opening.

To close, operate the exterior handle (A) (or the corresponding interior handle) and push to closed.



13 F1A0117

In any case, make sure that the door is correctly attached to the device that holds it fully open.

CHILD SAFETY DEVICE

(for versions/markets, where provided)

This system prevents the sliding side doors being opened from the inside.

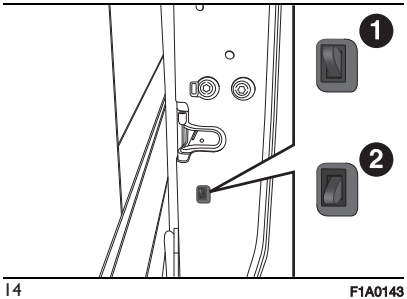
The device fig. 14 can be engaged only with the sliding side door open:

❒ (1) position - Device not engaged (door may be opened from the inside)

❒ (2) position - Device engaged (door locked)

The device stays on even if the doors are electrically unlocked.

⚠ 20)



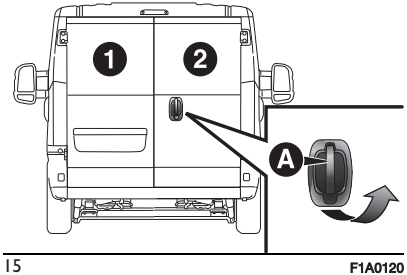
14 F1A0143

DOUBLE REAR SWING DOOR

⚠ 21) 22)

Manual opening of the first swing door from the outside

Turn the key anticlockwise fig. 9 or press the button on the remote control and turn handle (A) fig. 15 in the direction of the arrow.



15 F1A0120

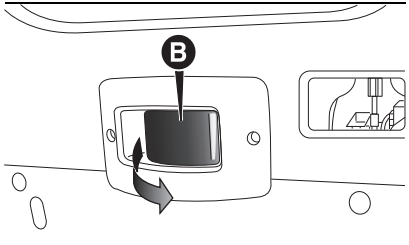
Manual opening of the first swing door from the inside

(for versions/markets, where provided)

Pull the lever (B) fig. 16 in the direction indicated by the arrow.

Manual closure of the first swing door from the outside

Turn the key clockwise or press the button on the key with remote control. Close the left door first, followed by the right door.



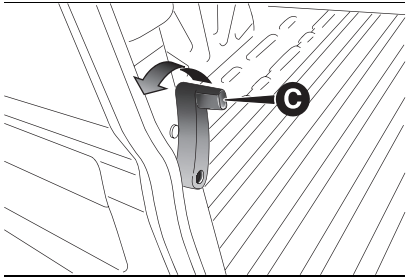
16 F1A0121

Manual opening of the second swing door

Pull the lever (C) fig. 17 in the direction indicated by the arrow.

The double rear swing doors have two opening positions: the first to an angle of approximately 90° and the second is approximately 180°; on some trim versions/markets 270° opening is also available. To open the swing doors to

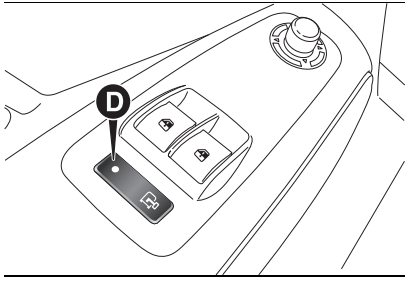
180°, or 270° (for versions/markets where provided), proceed as follows:
❒ reach the 90° door opening position;
❒ keep pulling the door to press a force to allow them to open to 180° or to 270° (for versions/markets where provided).



17 F1A0122

Electric locking from inside

Close the two rear swing doors (first left, then right) and press the button (D) fig. 18 on the electric window control panel.



18 F1A0123

WARNING

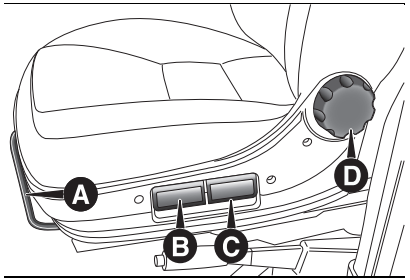
17) *Once the dead lock device is engaged it is impossible to open the doors from inside the vehicle. Before engaging the system please therefore check that there is no-one left on board. If the remote control battery is flat, the system can be disengaged only by inserting the key metal insert in either of the door locks as described previously: in this case the device remains active only for the rear doors.*
18) *Before leaving the vehicle parked with sliding doors open, always check that the latch is engaged.*
19) *Do not move the vehicle with side doors open.*
20) *Always use this device when carrying children.*
21) *This spring loaded system has activation forces that were designed for optimum comfort. Accidental knocks or a strong gust of wind may release the springs and let the doors close spontaneously.*
22) *With the doors opened to 180 degrees and 270 degrees, no locking system is effective. Do not use this opening with the vehicle parked on a gradient or when it is windy.*

SEATS

eLUM
23)
3)

Forward/rearward adjustment

Lift lever (A) fig. 19 and push the seat forwards or backwards: in the driving position, you should be able to rest your arms on the rim of the steering wheel.
24)



19 F1A0021

Height adjustment

To raise the seat: while seated, move the lever (B) fig. 19 (front part of the seat) or the lever (C) fig. 19 (rear part of the seat) upwards and lift your body weight off the part of the seat that must be raised.
To lower the seat: while seated, move the lever (B) (front part of the seat) or the lever (C) (rear part of the seat) upwards and press your body

weight off the part of the seat that must be lowered.

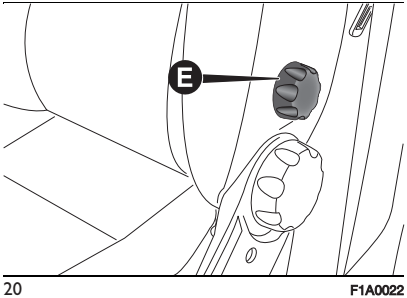
Backrest angle adjustment

Turn knob (D) fig. 19.

⚠ 25)

Lumbar adjustment

Operate the knob (E) fig. 20 to adjust.



20 F1A0022

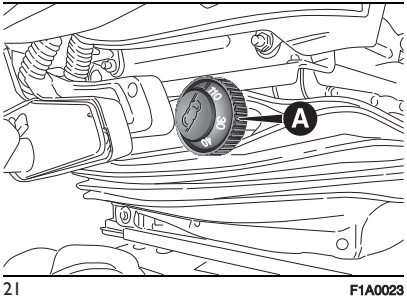
SPRUNG SEAT

The seat is equipped with a mechanical spring system and hydraulic shock absorber to ensure maximum comfort and safety. The system of springs also effectively absorbs impact from uneven road surfaces.

See the description in the "Seats" paragraph for forwards/backwards adjustments, height adjustments, backrest adjustment, lumbar adjustment and armrest adjustment.

Ballast weight adjustment

Use the knob (A) fig. 21 to set the desired adjustment according to your body weight, in the range 40 kg to 130 kg.

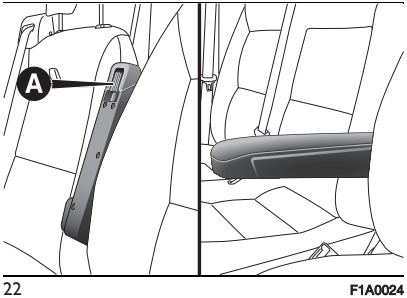


21 F1A0023

SEATS WITH ADJUSTABLE ARMRESTS

The driver's seat may be equipped with an armrest that can be raised and adjusted for height. Operate the wheel (A) fig. 22 to adjust.

⚠ 26) 27)



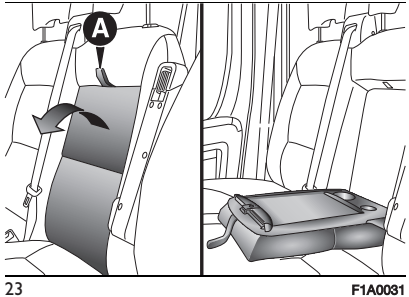
22 F1A0024

FLAP ON BENCH

(for versions/markets, where provided)

The seat is equipped with a fold-down flap that can be used as a document support surface. To use, pull the tab (A) fig. 23 and lower the flap. The flap is equipped with two cup holder indents and a support surface with a paper holder clip.

⚠ 28)

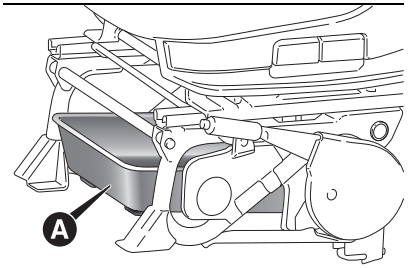


23 F1A0031

TRAY UNDER THE SEAT

(for versions/markets, where provided)

Under the driver's seat, there is a tray (A) fig. 24, which can be easily removed by sliding it out of the clips on the support base.



24 F1A0032

SEAT BASE PLASTIC COVERS

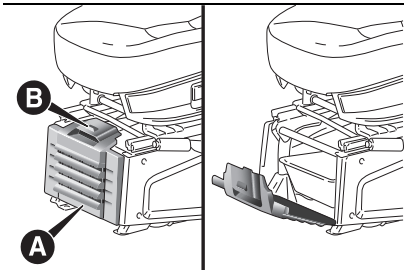
(for versions/markets, where provided)

The front trim (A) fig. 25 can be opened by using the release handle (B) fig. 25 at the top.

This gives access to the tray under the seat (see "Tray under the seat" paragraph).

To make it easier to open the front cover and gain access to the compartment, the seat must be as far back as possible.

To allow removal of the front cover, it must be turned as far forward as possible and withdrawn from the hooks on the lower side by pulling toward the front of the vehicle.

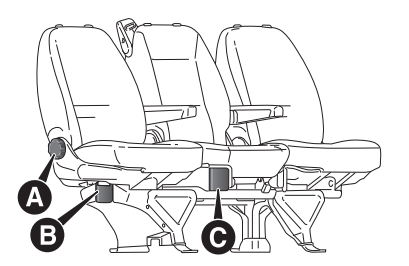


25 F1A0033

PANORAMA VERSIONS

Adjustment of passenger seat reclining backrest

Turn knob (A) fig. 26.



26 F1A0034

Access to second row seats

To access the second row of seats, operate the lever (B) fig. 26 on the right outside seat in the first row and tilt the backrest forward, accompanying it with your left hand.

When the seat is restored to its normal position, it engages with the retaining device without the need to operate the lever again. On the one-piece Panorama seat in the second row both side seats are fixed.

Folding middle seat backrest (2nd - 3rd row)

Lift the lever (C) fig. 26 and tilt the backrest forward.

A hard surface on the back of the middle seat is for use as an armrest and table with cup holders.

Operate the lever to reposition the backrest.

To lower the backrest of the middle seat in the second row, remove the head restraint to make it easier to adjust the backrest of the middle seat in the first row.

COMBI VERSIONS

Easy Entry position

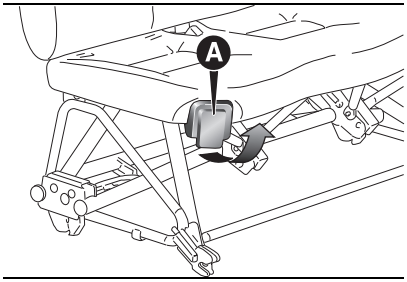
Lift the lever (A) fig. 27 and tilt the backrest forward.

Stacked position

Proceed as follows:

– remove the head restraints from the easy entry position;

– lift the lever (B) fig. 28 (located under the lever (A) fig. 27) with your right hand;

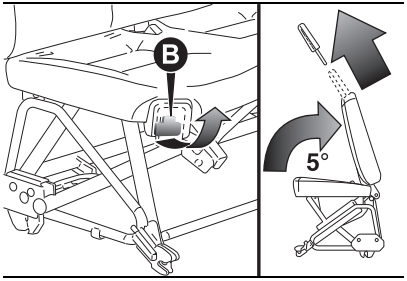


27 F1A0035

– turn the backrest 5° towards the rear area;

– fold the backrest forward with your left hand.

29)



28 F1A0036

Removing the bench

WARNING At least two people are needed to remove the bench.

Proceed as follows to remove the bench:

– from the stacked position, operate the levers (C) and (D) fig. 29, rotating them forward (as specified on the adhesive label on the lower crossmember);

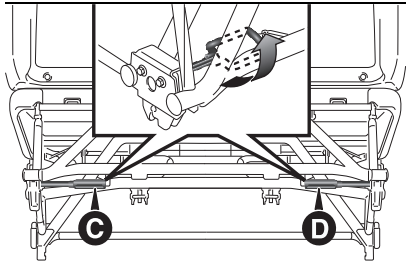
– lift seat base forward;

– bring the seat to an upright position;

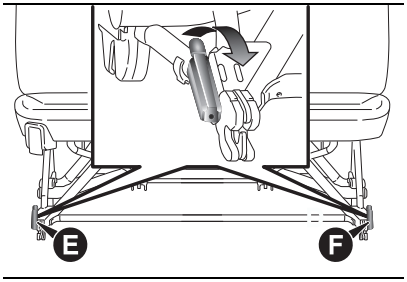
– from the upright position, operate the levers (E) and (F) fig. 30 turning them upwards;

– raise the bench from the floor and remove it.

30)



29 F1A0037



30 F1A0038

WARNING

23) *All adjustments must be made with the vehicle stationary.*

24) *After releasing the adjustment lever, always check that the seat is locked on the guides by trying to move it back and forth. If it is not locked, the seat may move unexpectedly and make you lose control of the vehicle.*

25) *For maximum safety, keep the backrest upright, lean back into it and make sure the seat belt fits closely across your chest and pelvis.*

26) *Before putting on the seat belt, ensure that the armrests are vertical (see "Seat belts" paragraph).*

27) *Before unfastening the belts and getting out of the vehicle, ensure that the outer armrest (door side) is fully raised.*

28) *Do not place heavy loads on the flap with the vehicle in motion because they could be thrown against the vehicle occupants in the event of sudden braking or impacts, causing severe injury.*

29) *Do not travel with passengers seated in the 3rd row with the 2nd row bench folded over. Do not place objects of any type on the backrest of the 2nd row bench folded over: in the event of impact or sharp braking they could be thrown against the occupants of the vehicle casing serious injury. For more information, see the contents of the adhesive plate located under the bench.*
30) *When refitting the bench, ensure that it is correctly locked to the floor guides.*

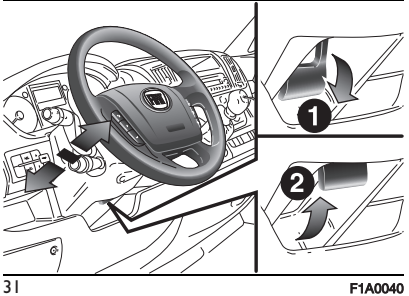
IMPORTANT

3) *The fabric upholstery of your vehicle is designed to withstand the normal wear and tear of your vehicle for a long time. You are however recommended to avoid strong and/or continuous scratching with clothing accessories such as metal buckles, studs, Velcro fastenings and the like, as these items cause stress of the cover fabric that could lead to yarn breaking and damage the upholstery.*

STEERING WHEEL

The steering wheel position can be adjusted axially. To carry out the adjustment, proceed as follows:
❒ release the lever fig. 31 by pulling it towards the steering wheel (position (2));
❒ adjust the steering wheel;
❒ release lever by pushing it forwards (position (1)).

⚠ 31) 32)



31 F1A0040

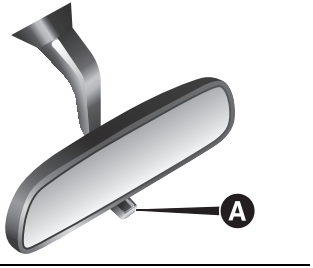
WARNING

31) *All adjustments must be carried out only with the vehicle stationary and the engine off.*
32) *It is absolutely forbidden to carry out any aftermarket operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could adversely affect performance, invalidate the warranty, cause serious safety problems and also result in the vehicle not meeting type-approval requirements.*

REAR-VIEW MIRRORS

INTERIOR MIRROR

Lever (A) fig. 32 can be used to move the mirror to two different positions: normal or anti-glare.



32 F1A0353

DOOR MIRRORS

Mirrors with manual adjustment

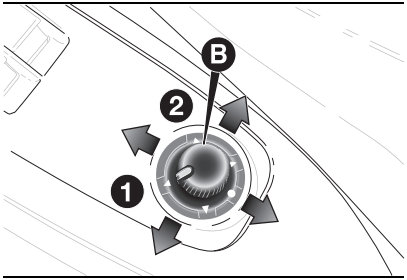
To adjust the mirrors, manually operate on each of the two glasses of each mirror.

⚠ 33)

Power Mirrors

The electrical adjustment can only be carried out with the ignition key in the MAR position.

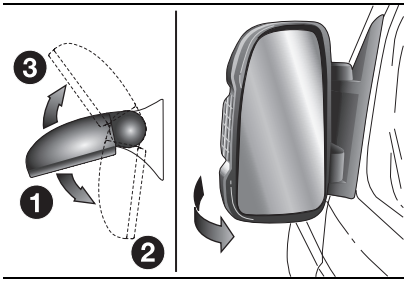
To adjust the mirrors, turn knob (B) fig. 33 to one of the two positions: (1) left mirror, (2) right mirror.
After rotating the knob (B) on the mirror to be adjusted, move it in the direction shown by the arrows to adjust the selected glass.



33 F1A0651

Mirror folding with manual adjustment

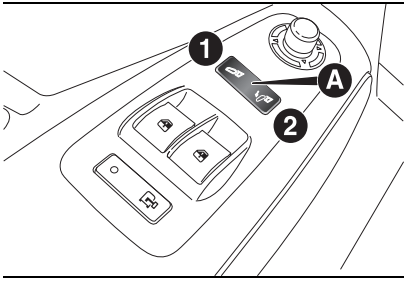
When required (for example when the mirror causes difficulty in narrow spaces or during an automatic vehicle wash) it is possible to fold the mirrors manually moving them from position (1) to position (2) fig. 34.
If the mirror has been accidentally rotated forwards (position (3)), for example due to an impact, it must be manually returned to position (1).
⚠ 34)



34 F1A0652

Mirror folding with electrical adjustment

(for versions/markets, where provided)
When required (for example when the mirror causes difficulty in narrow spaces or during an automatic vehicle wash) it is possible to fold the mirrors either electrically or manually moving them from position (1) to position (2) fig. 34.



35 F1A0044

Electric folding
To fold the mirrors electrically, press rocker button (A) fig. 35 in point (2). To bring the mirrors back to open position, press point (1) of the button.

WARNING If the mirrors are folded electrically, they should be returned to the open position electrically: do not try to return the mirrors manually to driving position.

Manual folding
To fold the mirrors manually, move them from position (1) fig. 34 to position (2). If the mirrors have been folded manually, they can be returned to the opening position both manually and electrically.

WARNING To take the mirrors electrically to the opening position, press point (2) of the rocker button (A) fig. 35 until you hear an engagement "click", then press again point (1) of the button.

Folding forwards
The mirrors can be manually folded forwards (position (3) fig. 34) or brought to the opening position (2) again manually if they have been accidentally rotated forwards (for example due to an impact).

If the mirrors have been rotated forwards manually or due to an impact, they can be returned to the opening position both manually and electrically.
To take the mirrors electrically to the opening position, press point (2) of the rocker button (A) fig. 34 until you hear an engagement "click", then press again point (1) of the button.

WARNING If the mirrors have been manually folded by mistake to position (3) fig. 34, the mirror moves to an intermediate position. In this case, manually rotate the mirror to position (1), then press point (2) of the rocker button (A) fig. 35 to return the mirror to position (2) until a "click" is heard, then press point (1) of the button to bring it back to position (1).

Defrosting/demisting
(for versions/markets, where provided)
Mirrors are fitted with resistors that will activate when turning the heated rear window on (by pressing button).

WARNING This function is timed and will turn off automatically after several minutes.

WARNING

33) *As the driver's exterior mirror is curved, it may slightly alter the perception of distance of the reflected image. Further, the reflective surface of the lower part of the exterior mirrors is parabolic to increase the field of view. The size of the reflected image is reduced and gives the impression that the reflected object is further away than it is.*
34) *While driving the mirrors must remain in position (1).*

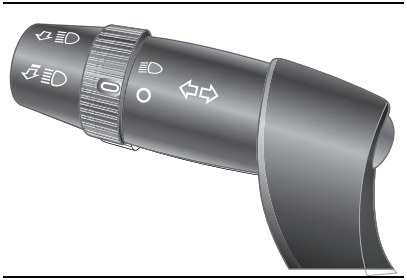
EXTERNAL LIGHTS

IN BRIEF

The left stalk includes the controls for the external lights.
The exterior lights can only be switched on when the ignition key is in the ON position.

LIGHTS OFF

Ring turned to the **O** fig. 36 position.



36 F1A0064

DAYTIME RUNNING LIGHTS (DRL)

(for versions/markets, where provided)
With the ignition key turned to MAR and the selector wheel turned to position **O** fig. 36 the day lights are automatically activated; the other lights and interior lighting remain off. The automatic operation of the daytime running lights can be activated/deactivated, for versions/markets where provided, via the display menu (see the "Display" chapter in the "Knowing the instrument panel" section).
If the daytime running lights are deactivated, no light comes on when the ring nut is turned to **O**.
35)

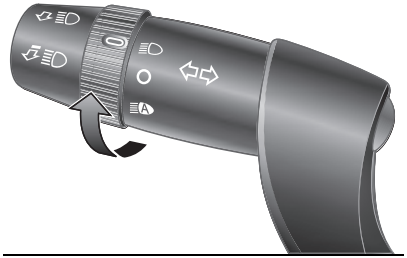
DIPPED HEADLIGHTS/SIDE LIGHTS

With the ignition key turned to MAR, turn the twist switch to ≡D fig. 37.

If dipped headlights are activated, the daytime running lights switch off and the side lights and dipped headlights switch on.

The warning light switches on in the instrument panel.

When the ignition key is turned to STOP or removed and the ring nut is turned from O to ≡D, all the side lights and the number plate lights come on. The warning light switches on in the instrument panel.



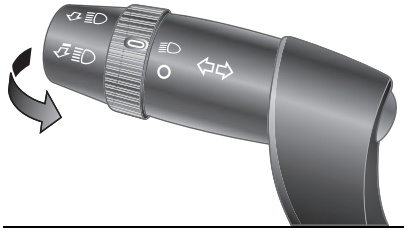
37 F1A0085

MAIN BEAM HEADLIGHTS

When the ring nut is at ≡D, pull the stalk towards the steering wheel (2nd unstable position)fig. 38.

The ≡D warning light switches on in the instrument panel.

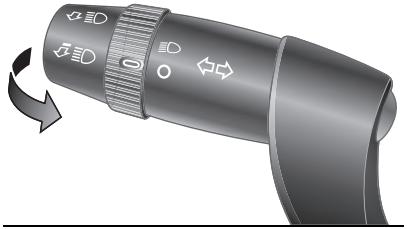
To turn the main beams off, pull the stalk towards the steering wheel again (dipped beams will come back on).



38 F1A0086

FLASHING THE HEADLIGHTS

Pull the stalk towards the steering wheel (1st unstable position) fig. 39regardless of the position of the ring. The ≡D warning light switches on in the instrument panel.



39 F1A0087

AUTOMATIC HIGH BEAM (High Beam Control) headlights

In order not to dazzle 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.

The system is activated with the menu item and by rotating the light selector to the ≡A position.

When the main beam headlights are activated for the first time, pulling the stalk to turn them on activates the function and the warning light ≡A is displayed; if the main beam headlights are actually on, the relevant blue warning light ≡D is displayed as well.

If the driving speed is over 40 km/h and the function is activated, pulling the stalk again to the main beam headlight position deactivates the function.

If the driving speed is below 15 km/h and the function is activated, the function switches the main beam headlights off. Pulling the stalk again to the main beam headlight position is interpreted as a request for the main beam headlights to stay on, therefore the blue warning light ≡D on the dashboard turns on and the main beam headlights stay on until the speed exceeds 40 km/h again. The

function is enabled again automatically when 40 km/h is exceeded.
If the stalk is pulled again in this condition, to request main beam headlight deactivation, the function remains off and the main beam headlights switch off.
Rotate the ring to the position fig. 37 to deactivate the automatic function.

36) 37)

PARKING LIGHTS

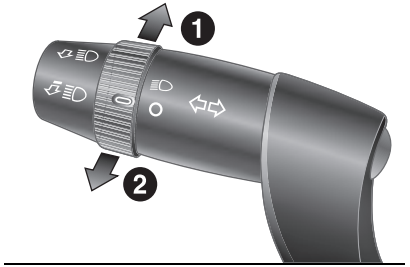
These lights can only be turned on with ignition key in STOP position or removed, by moving the left stalk ring nut first to position **O** and then to position or .
The warning light switches on in the instrument panel.

DIRECTION INDICATORS

Take the stalk to the (stable) position fig. 40:
❒ up (position (1)): to activate the right direction indicator;
❒ down (position (2)): activates the left direction indicator.
Warning light ⬅ or ➡ will blink on the instrument panel.
When the daytime running lights are on (in the versions without LEDs and for versions/markets, where provided), activating the direction indicators will turn off the corresponding headlight daytime running light (DRL).

Lane change function

If you wish to signal a lane change, place the left stalk in the unstable position for less than half a second. The direction indicator on the side selected will be activated for 5 flashes and then go out automatically.



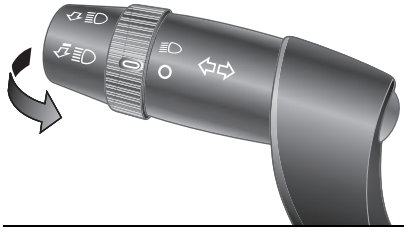
40 F1A0068

"FOLLOW ME HOME" DEVICE

This device allows the illumination of the space in front of the vehicle for a preset time.

Activation

With the ignition key in the STOP position or extracted, pull the stalk towards the steering wheel fig. 41 and move it within 2 minutes of the engine switching off.
Each time the stalk is moved, the lights stay on for an extra 30 seconds up to a maximum of 210 seconds; then the lights are switched off automatically.
The warning light on the instrument panel will light up and the corresponding message will appear in the display (see “Warning lights and messages" paragraph) for as long as the function is activated.



41 F1A0069

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

Deactivation

Keep the stalk pulled towards the steering wheel fig. 41 for more than 2 seconds.

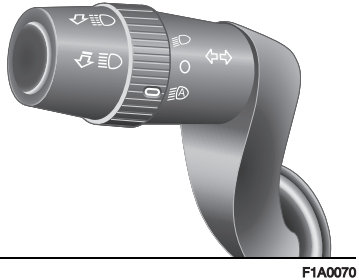
AUTOMATIC HEADLIGHT SENSOR (dusk sensor)

(for versions/markets, where provided)
It detects variations in brightness

outside the vehicle depending on the light sensitivity setting: the greater the sensitivity, the less outside light needed to activate the external lights.
The sensitivity of the dusk sensor is adjusted by means of the "Setup menu" of the display.

Activation

Turn the ring to position AUTO fig. 42: this turns the side lights and the dipped beam headlights on simultaneously and automatically depending on the exterior brightness conditions.



42 F1A0070

Deactivation

The main beam headlights will go out followed by the side lights after approximately 10 seconds, when the sensor is deactivated.
The sensor is not capable of detecting the presence of fog. Therefore, in these circumstances, the lights have to be turned on manually.

BRAKE LIGHTS WITH "eCoasting" MODE ACTIVE

With "eCoasting" mode active and fast vehicle deceleration, the brake lights are automatically activated and switched off as the deceleration decreases.

WARNING

35) *The daytime running lights are an alternative to the dipped beam headlights for driving during the daytime in countries where it is compulsory to have lights on during the day while driving, and they are also permitted in those countries where this is not obligatory. 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.*

36) *The system is based on recognition via a camera. Particular environmental conditions may affect the correct recognition of traffic conditions. Therefore, the driver is always responsible for the correct use of the main beam headlights in compliance with the laws in force.*

Rotate the ring to the position fig. 37 to deactivate the automatic function.

37) *If the camera loses its position due to a load variation, the system may not work temporarily to allow the camera to perform an auto-calibration.*

HEADLIGHTS

LIGHT BEAM DIRECTION

The correct alignment of the headlights is essential for the comfort and safety of the driver and other road users. To ensure the best visibility when travelling with the headlights on, the headlight alignment must be correct. Contact a Fiat Dealership to have the headlights checked and adjusted.

HEADLIGHT ALIGNMENT CORRECTOR

This device works with the ignition key in the MAR position and the dipped headlights on.

Headlight alignment adjustment

Press or on the control panel fig. 43.
The instrument panel display shows the position in relation to the adjustment set.
The headlight orientation must necessarily be adjusted to suit the vehicle load conditions as described below.

❒ Combi version:

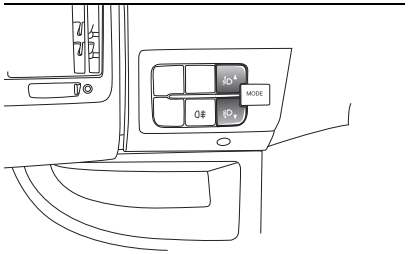
- if the vehicle only contains the driver, or the driver and front passenger(s), or all the passengers without any load in the luggage compartment, the control must be set to the "0" position;
- if the vehicle only contains the driver and the maximum permitted load in the luggage compartment, or all the passengers and the maximum permitted load in the luggage compartment, the control must be set to the "2" position.

❒ Van version:

- if the vehicle only contains the driver, or all the passengers in the front row without any load in the goods compartment, the control must be set to the "0" position;
- if the vehicle only contains the driver and the maximum permitted load distributed in the goods compartment, or all the passengers in the front row and the maximum permitted load distributed in the goods compartment, the control must be set to the "2" position.

Other control positions must not be used on this vehicle.

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



43 F1A0326

FOG LIGHTS ALIGNMENT

(for versions/markets, where provided) Contact a Fiat Dealership to have the headlights checked and adjusted.

ADJUSTING THE HEADLIGHTS WHEN ABROAD

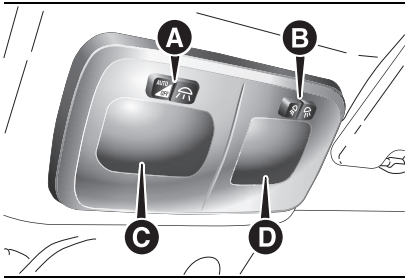
The dipped beam headlights are aligned for operation in the country where the vehicle was originally purchased. When in countries where you drive on the other side of the road, you need to alter the light beam direction by affixing a specially designed self-adhesive film in order not to dazzle the vehicles travelling in the opposite direction.

This film is provided by Lineaccessori MOPAR and is available at Fiat Dealerships.

CEILING LIGHTS

FRONT CEILING LIGHT WITH SPOT LIGHTS

Switch (A) fig. 44 is used to switch on/off the ceiling light bulbs. With switch (A) in central position: lights (C) and (D) switch on/off when the front doors are opened/closed. With switch (A) pressed to the left, lights (C) e (D) stay off. With switch (A) pressed to the right, lights (C) e (D) stay on.



44 F1A0074

Lights switch on/off progressively.

Switch (B) is a spot light; when the ceiling light is off, it switches the following on individually:

❒ light (C) if pressed on the left side;

❒ light (D) if pressed on the right side. The timed period ends automatically when the doors are locked.

WARNING Before getting out of the vehicle, make sure that both switches are in the middle position; when the doors are closed, the lights switch off preventing the 12V battery from running flat.

In any case, if the switch is left in on position, the ceiling light switches off automatically 15 minutes after the engine switching off.

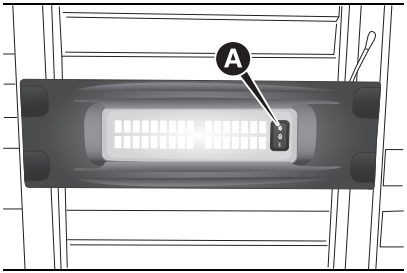
Ceiling light timing

On some versions, to facilitate getting in/out of the vehicle at night or with poor lighting, two different timed modes are available:

❒ for entering the vehicle;
❒ for leaving the vehicle.

LED CEILING LIGHT IN LOAD COMPARTMENT

It is located on the rood of the load compartment fig. 45.



45 F1A0489

The switch (A) can be used to turn it on and off:

❒ position : the ceiling light is always on;

❒ position : the ceiling light switches on when the front door, side door and rear swing door is opened. It switches off automatically after 10 seconds from when all the doors are closed. It also switches on when the movement of a person is detected in the load compartment, and then switches off automatically after a few seconds from the end of the movement;

❒ OFF position: the ceiling light is always off.

In any case, if the switch is left in on position, the ceiling light switches off automatically 15 minutes after the engine switching off.

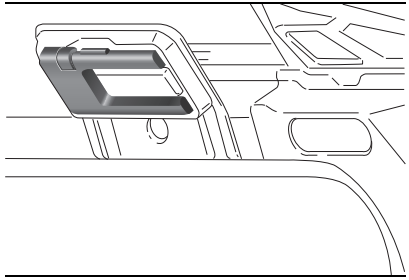
REMOVABLE CEILING LIGHT

(for versions/markets, where provided)

It is used as both a fixed light and a portable electric torch.

When the removable light is connected to its fixed mount fig. 46, the electric torch battery is automatically recharged.

With the vehicle stationary and the ignition key either turned to STOP or removed, the ceiling light is recharged for a maximum of 15 minutes.

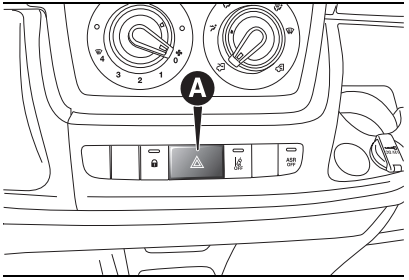


46 F1A0077

CONTROLS

HAZARD WARNING LIGHTS

They are turned on by pressing switch (A) fig. 47, regardless of the position of the ignition key.



47 F1A0306

Warning lights ⇦ and ⇨ are lit up in the instrument panel when this device is activated. Press the switch (A) again to turn the lights off.

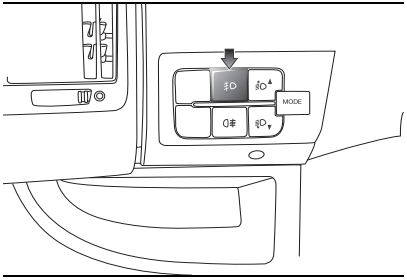
WARNING The use of hazard warning lights is governed by the highway code of the country you are in. Comply with legal requirements.

Emergency braking

(for versions/markets, where provided)
In the event of emergency braking the hazard warning lights come on automatically, as do the ⇦ and ⇨ warning lights in the panel. The function switches off automatically when the nature of the braking changes.

FOG LIGHTS

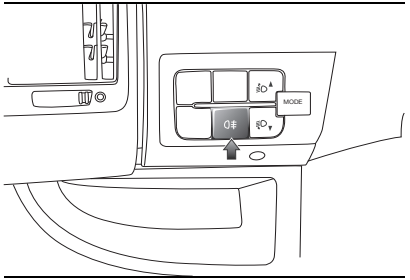
(for versions/markets, where provided)
Press button ≢D fig. 48 with the side/tail lights on to turn the fog lights on. Instrument panel warning light ≢D comes on.
Press the button again to switch the lights off.



48 F1A0331

REAR FOG LIGHT

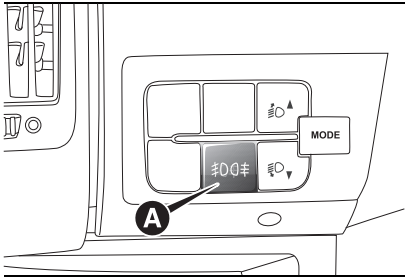
These lights come on, with the dipped headlights on or with the side lights and fog lights on (for versions/markets, where provided) by pressing the button D≢ fig. 49. Instrument panel warning light D≢ comes on. Press the button again to turn the lights off, or turn off the dipped beams and/or the front fog lights (where provided).



49 F1A0323

FOG LIGHTS / REAR FOG LIGHTS

(for versions/markets, where provided)
With the dipped beam headlights on, use the button (A) fig. 50 to turn on the front/rear fog lights, as follows:



50 F1A0558

❒ first press: turns on the fog lights, the ≢D warning light on the instrument panel will turn on;

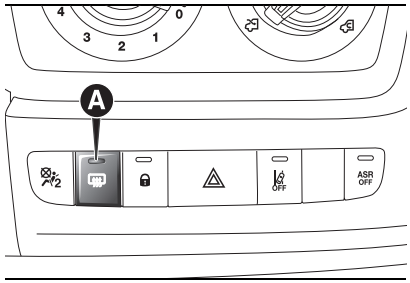
❒ second press: turns on the rear fog lights, the warning light on the instrument panel will turn on;
❒ third press: front/rear fog lights off.

PARKING LIGHTS

These lights can only be turned on with ignition key in STOP position or removed, by moving the left stalk ring nut first to position **O** and then to position or . The warning light switches on in the instrument panel.

HEATED REAR WINDOW

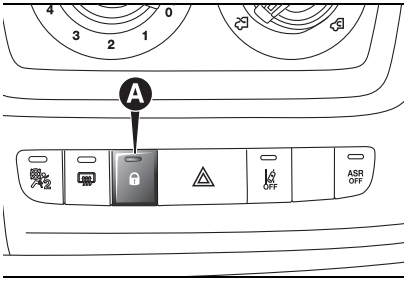
(for versions/markets, where provided)
Press button (A) fig. 51 to switch the device on. The device will be switched off automatically after approximately 20 minutes.



51 F1A0518

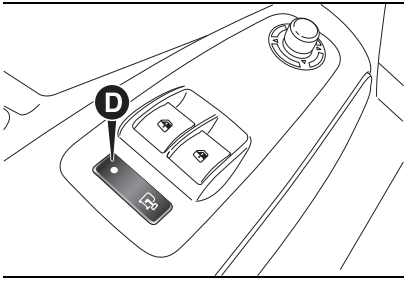
DOOR LOCK

To lock all doors at the same time, press the button (A) fig. 52, located on the centre console, regardless of the position of the ignition key.



52 F1A0535

The LED on the button switches on when the doors are locked.
The electric window panel there is a button (D) fig. 53, which independently unlocks/locks the load compartment.



53 F1A0085

WINDOW WASHING

IN BRIEF

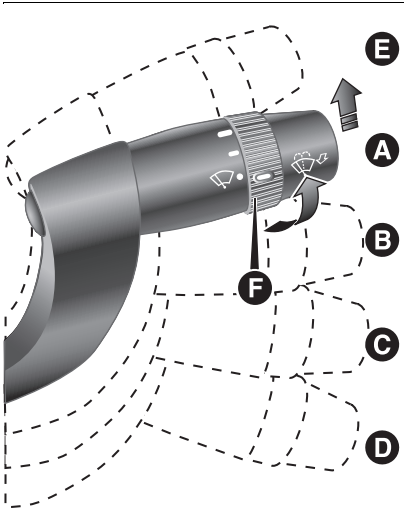
The right-hand lever fig. 54 turns on the windscreen wiper/washer and, where provided, the headlight washers and the rain sensor.
This operates only with the ignition key turned to MAR.

WINDSCREEN WIPER/ WASHER

The right hand stalk fig. 54 can take up five different positions:
A windscreen wiper off.
B intermittent operation.
With the stalk in position (B), turn ring (F) to select one of four different speeds for the flick operation mode:
very slow flick
- - slow flick.
- - - medium flick.
- - - - fast flick.
C continuous slow operation.
D continuous fast operation.
E temporary fast operation (unstable position).
Temporary fast operation in position (E) is limited to the time that the lever is manually held in this position.

The lever returns to position (A) when it is released, automatically stopping the windscreen wipers.

4)



54 F1A0071

WARNING We recommend replacing the blades once a year.

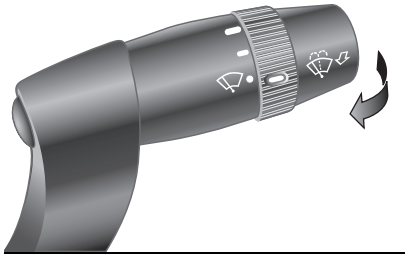
"Smart washing" function

Pulling the stalk towards the steering wheel (unstable position) operates the windscreen washer fig. 55.

Keeping the stalk pulled for more than half a second, with just one movement it is possible to operate the washer jet and the wiper at the same time.

The windscreen wiper stops working three strokes after the stalk is released.

A further stroke after approx. 6 seconds completes the wiping cycle.



55 F1A0072

RAIN SENSOR

(for versions/markets, where provided)

The rain sensor is located behind the driving mirror in contact with the windscreen and has the purpose of automatically adjust, during the intermittent operation, the frequency of the windscreen wiper strokes as to the rain intensity.

WARNING Keep the glass in the sensor area clean.

Activation fig. 54

Move the right lever down by one click (position (B)).

The activation of the sensor is signalled by a "stroke" to show that the command has been acquired.

Turn the control (F) to increase the rain sensor sensitivity.

The increasing of the rain sensor sensitivity is signalled by a "stroke" to show that the command has been acquired.

If the windscreen washer is used with the rain sensor activated, the normal washing cycle is performed, after which the rain sensor resumes its normal automatic operation.

Deactivation fig. 54

Move the lever from position (B) or turn the ignition key to OFF. At the next start-up (key at ON), the sensor will not be reactivated even if the stalk is at (B). To activate the sensor, move the stalk to position (A) or (C) and then to position (B) or turn the sensitivity adjustment knurled ring. Rain sensor activation will be indicated by at least one wiper "stroke" even if the windscreen is dry.

The rain sensor is capable of recognising the difference between day and night and making the necessary adjustments automatically.

38)

HEADLIGHT WASHERS

(for versions/markets, where provided)
The headlight washers are "retractable", i.e.: they are located inside the front bumper and they are activated when (with dipped beams on) the windscreen washer is operated.

WARNING Check the correct condition and cleanliness of nozzles at regular intervals.

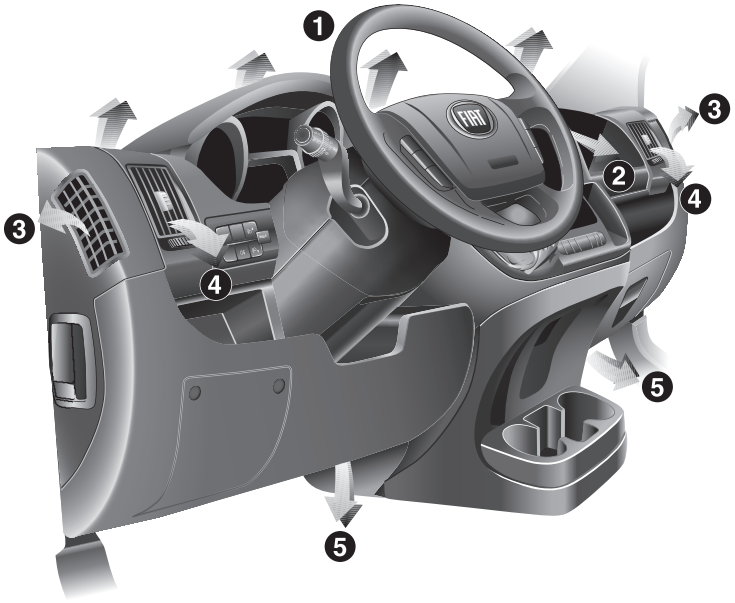
WARNING

38) *Streaks of water may cause unnecessary blade movements.*

IMPORTANT

4) *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, contact a Fiat Dealership.*

HEATING AND VENTILATION



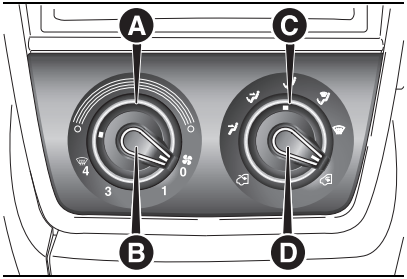
56 F1A0302

1. Upper fixed vent 2. Adjustable central vents 3. Fixed side vents 4. Adjustable side vents 5. Lower diffusers for front seats.

HEATING AND VENTILATION CONTROLS

eLUM

CONTROLS



57 F1A0048

Air temperature adjustment ring A (mixing hot and cold air)

Red section = hot air

Blue section = cold air

Knob B activates/adjusts the fan

0 = fan off

1-2-3 = fan speed

4 = maximum fan speed

Air distribution ring C

- to convey air to the central and side vents;
- to warm the feet and convey slightly cooler air to the dashboard vents, in intermediate temperature conditions;
- for heating when the outside temperature is very low: to direct as much air as possible to the feet;
- to warm the feet and demist the windscreen at the same time;
- for quick windscreen demisting.

Air recirculation on/off knob D

Turn the knob (D) to to activate internal air recirculation.

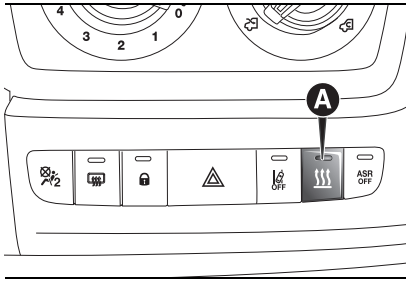
Turn the knob (D) to to deactivate internal air recirculation.

HEATER

(for versions without automatic climate control system)

To turn the heater on or off, press the button (A) fig. 58. The LED in the button will light up when the heater is on.

NOTE If it is no longer necessary, remember to turn the heater off to avoid unnecessary energy waste.



58 F1A0536

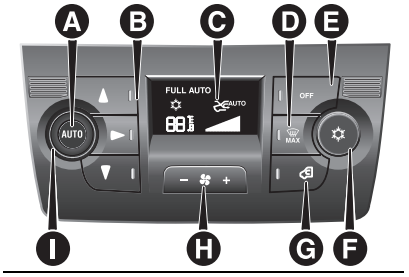
AUTOMATIC CLIMATE CONTROL SYSTEM

eLUM

4)

(for versions/markets, where provided)

CONTROLS



59 F1A0054

A AUTO button automatic control of all functions.

B Air distribution selection button.

C Display.

D MAX DEF function control button.

E System off button.

F Compressor enabling/disabling control button.

G Air recirculation control button.

H Fan speed increase/decrease control buttons.

I Temperature increase/decrease control knob.

USING THE CLIMATE CONTROL SYSTEM

The system can be started in different ways, but it is advisable to start by pressing the AUTO button and then turning the knob to set the temperature required on the display.

The system will adjust the temperature, the quantity and the distribution of the air sent into the passenger compartment and, by managing the recirculation function, the activation of the climate control compressor. During fully automatic operation, the only manual intervention required is the possible activation of the following functions:

❒ air recirculation (to keep the recirculation constantly on or constantly off);

❒ to speed up demisting/defrosting of windscreen, rear window and external rear view mirrors.

During fully automatic system operation, you can change the set temperature, air distribution and fan speed at any time by using the relevant buttons or knobs: the system will automatically change its settings to adjust to the new requirements. During fully automatic operation (FULL AUTO), the word FULL will disappear if the air distribution and/or flow rate and/or engagement of the compressor and/or recirculation settings are changed. In this way, the functions will switch from automatic to manual control until the AUTO button is pressed again.

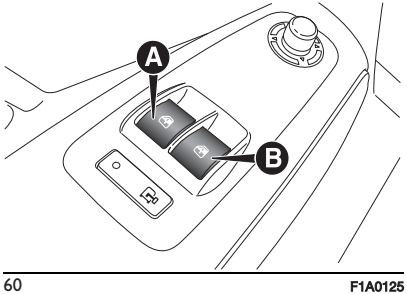
IMPORTANT

4) *The air conditioning system uses R134a or R1234yf refrigerant compatible with the regulations in force in the countries where the vehicle is sold. When charging, only use the gas indicated on the dedicated plate in the engine compartment . The use of other coolants affects the efficiency and condition of the system. The lubricant used for the compressor is also strictly linked to the type of cooling gas, please refer to a Fiat Dealership.*

ELECTRIC WINDOWS

eLUM

Switches fig. 60 on the inner armrest of the driver's door control the following with the ignition key in the MAR position:
(A): left front window opening/closing;
(B): right front window opening/closing.



60 F1A0125

Continuous automatic operation
Keep one of the buttons pressed for longer than half a second to operate the automatic continuous window operation function. The window stops when it reaches the end of travel position, or when the button is pressed again.

WARNING With the ignition key in the STOP position or extracted, the electric windows remain activated for about 3 minutes and are deactivated immediately when one of the doors is opened.

Front passenger side door
A dedicated switch for operating the window is located on the inner armrest of the passenger side front door.
⚠ 39)

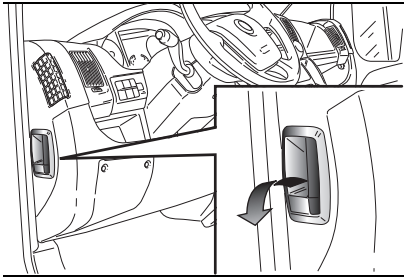
WARNING

39) *Improper use of the electric windows can 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, always remove the key from the ignition switch to avoid the risk of injury to anyone remaining in the vehicle due to accidental operation of the electric windows.*

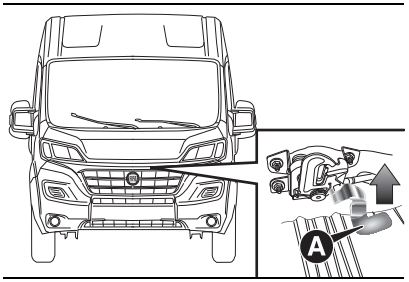
BONNET

OPENING

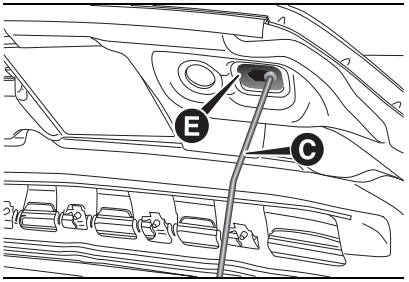
Proceed as follows:
❒ open the driver's door to gain access to the bonnet release;
❒ pull the lever fig. 61 in the direction indicated by the arrow;
❒ lift lever (A) fig. 62 as shown in the figure;
❒ lift the bonnet and, at the same time, release the supporting rod fig. 64 from its locking device (D), then insert the end of the rod (C) fig. 63 into housing (E) in the bonnet.



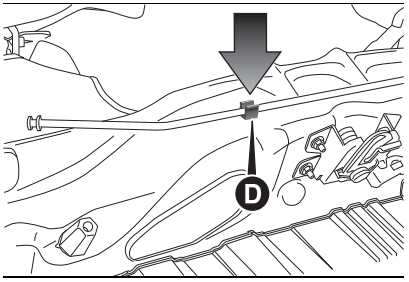
61 F1A0126



62 F1A0339



63 F1A0129



64 F1A0547

WARNING Before opening the bonnet, check that windscreen wiper arms are not lifted from the windscreen.

CLOSING

Proceed as follows:

❒ hold the bonnet up with one hand and with the other remove rod (C) fig. 63 from recess (E) and fit it back into its catch (D) fig. 64;

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

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

⚠ **40) 41) 42) 43) 44)**

WARNING

40) *Be very careful not to allow scarves, neck ties and other loose articles of clothing from touching, even accidentally, any moving parts. This may cause the clothing to be pulled into the part, resulting in serious risk to the wearer.*

41) *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.*

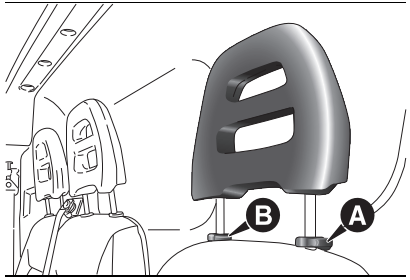
42) *The bonnet may drop suddenly if the supporting rod is not positioned correctly.*

43) *Perform these operations only when the vehicle is stationary.*

44) *Use both hands to lift the bonnet. Before lifting, check that the windscreen wiper arms are not raised from the windscreen, that the vehicle is stationary and that the parking brake is engaged.*

HEAD RESTRAINTS

FRONT



65 F1A0039

On certain versions the head restraints are adjustable in height and they lock automatically in the required position. 45)

Adjustment

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

❒ Downward adjustment: press button (A) fig. 65 and lower the head restraint.

To extract the rear head restraints press buttons (A) and (B) fig. 65 at the side of the two supports simultaneously and lift them out upwards.

WARNING

45) *All adjustments must be carried out only with the vehicle stationary and the engine off. 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. To maximise the protective action provided by the head restraint, adjust the seat backrest so that your trunk is upright and keep your head as close to the head restraint as possible.*

INTERIOR FITTINGS

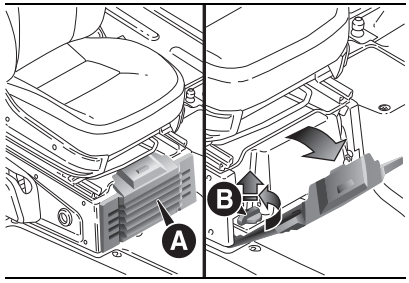
eLUM

COMPARTMENT BENEATH PASSENGER SIDE FRONT SEAT

Proceed as follows to use the compartment:

❒ Open the flap (A) fig. 66 and remove it as shown;

❒ turn the lock knob (B) anticlockwise and remove it to allow the compartment to be removed.



66 F1A0095

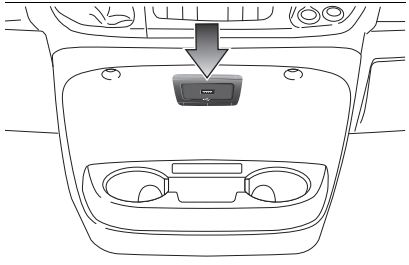
USB PORTS

(for versions/markets, where provided)

They can be located:

❒ in the centre of the dashboard in place of the cigar lighter and can be used only as a charging source for external devices;

❒ on the central tunnel, above the smartphone pocket fig. 67, for the connection of USB remote devices (see explanation in the specific supplements).

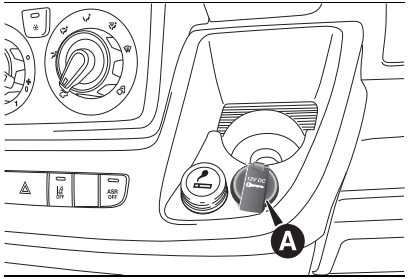


67 F1A0487

POWER SOCKET

(for versions/markets, where provided)

The power socket is located in the centre dashboard near the cigar lighter. To use it, open the cover (A) fig. 68.



68 F1A0308

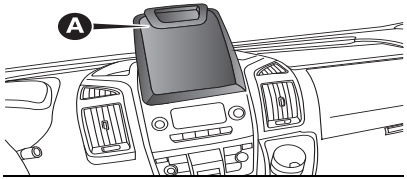
DESK / BOOK REST

(for versions/markets, where provided)

There is a desk (A) fig. 69 in the centre of the dashboard above the radio compartment; on some versions this desk can be used as a book rest by raising the back section and resting it on the dashboard as illustrated in the figure.

On versions with double passenger side airbag, the desk is fixed.

⚠ 46)



69 F1A0531

TABLET HOLDER

(for versions/markets, where provided)

It is located in the centre of the dashboard and is designed to anchor a tablet.

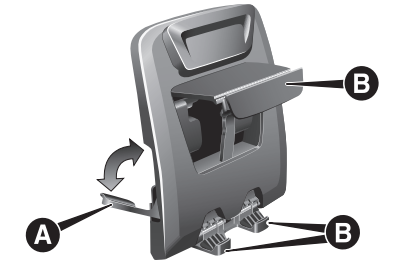
Proceed as follows to use fig. 70:

❒ lower the lever (A) to open the locking devices (B);

❒ fit the tablet between the locking devices (B);

❒ lift the lever (A) to ensure that the device is locked.

⚠ 47)

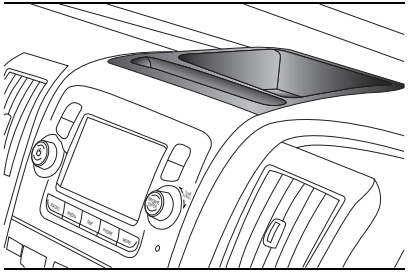


70 F1A0342

OPEN STORAGE COMPARTMENT

(for versions/markets where provided)

On some versions, there is a storage compartment in the middle of the dashboard fig. 71.



71 F1A0524

⚠ 48)

WARNING

46) *Do not use the desk in vertical position with the vehicle in motion.*

47) *To prevent dangerous situations, moving the tablet holder and using the device are prohibited while driving.*

48) *Never place potentially dangerous items in the open compartment on the dashboard; in the event of a collision, they may be flung into the passenger compartment and injure the occupants.*

TACHOGRAPH

For tachograph operation and use, consult the owner handbook supplied by the device manufacturer. The tachograph must be installed on the vehicle if the vehicle weight exceeds 3.5 tons.

WARNING Anyone making changes to the monitoring device or signal transmission system that affects recording by the monitoring instrument, particularly if this is done for purposes of fraud, may be in breach of criminal or administrative state regulations.

WARNINGS

Do not use abrasive detergents or solvents to clean the device.
To clean the device externally, use a damp cloth or special products for the care of synthetic materials.
The tachograph is installed and sealed by authorised personnel: do not try and access the device or the supply and recording leads in any way. It is the responsibility of the owner of the vehicle on which the tachograph is installed to check the device regularly. The check must be carried out at least every two years and a test must be carried out to ensure it is operating properly. Ensure that the data label is renewed after every check that the label contains the specified data.

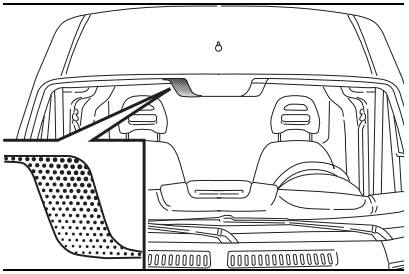
ACCESSORIES PURCHASED BY THE OWNER

eLUM

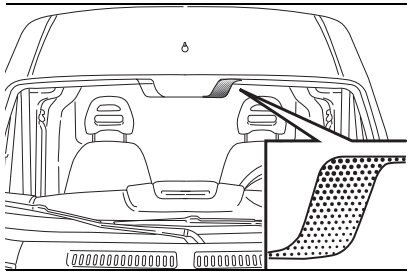
49)

SETUP FOR FITTING TELEPASS ON REFLECTIVE WINDSCREEN

(for versions/markets, where provided)
If the vehicle is equipped with a reflective windscreen, install the Telepass in the appropriate area shown in fig. 72 - fig. 73.



72 F1A0310



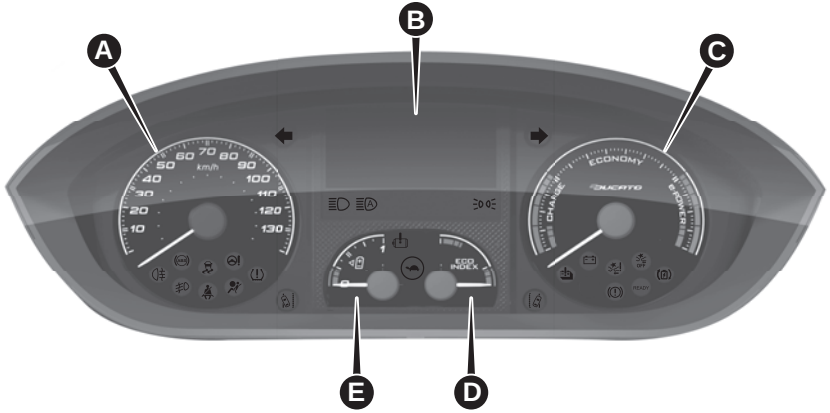
73 F1A0311

WARNING

49) *Take care when fitting additional spoilers, alloy wheels 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.).*

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.



74 F1A1084

A. Speedometer - In km/h or mph depending on the market B. Reconfigurable multifunction display C. Driving mode ("EcoCoaching") D. Driving style indicator ("EcoIndex") E. High-voltage battery state of charge and range

ECODRIVE

The vehicle is equipped with two indicators dedicated to driving style and mission analysis. They are useful indicators to improve your driving behaviour and to optimise battery energy use, maximise the distance covered (range) and reduce the running costs of the vehicle.

EcoCoaching

The indicator (C) fig. 74 provides an indication of instantaneous driving behaviour.

It is linked to vehicle consumption and responds according to an algorithm that evaluates the instantaneous state of the electrical system, as a whole. The hand moves according to the driver's demands (level of accelerator pedal pressure), the power required for traction, the consumption of the auxiliary equipment (air conditioning, lights, etc.) and according to driving behaviour during the mission.

The hand can be positioned in three segments:

❒ CHARGE: During regenerative braking, both with the brake pedal released (eCoasting) and with the brake pedal depressed (eBraking), the electric motor regenerates energy, recharging the battery. In these situations, the hand will be in the CHARGE segment, moving anticlockwise in proportion to the amount of energy recharged in the battery moment by moment;

❒ ECONOMY: When driving, if the hand is pointing to this segment, the energy consumption is optimal and driving is more efficient the closer the hand is to the CHARGE segment;

❒ e-POWER: When the hand is in this segment, the energy consumption of the vehicle is high. The hand will move clockwise according to the amount of energy consumed during that time. When accelerating (starting from a standstill, changing speed, overtaking, climbing) it is normal for the hand to be in the e-POWER zone. It will stay in this area for as long as speed or acceleration conditions that reduce energy demand are maintained.

When the vehicle is stopped, the hand stops in the rest position (between the CHARGE and ECONOMY zones).

EcoIndex

The indicator (D) fig. 74 provides summary information on the current mission (from power on to power off).

Several parameters are considered, including:

❒ average mission consumption

❒ correct use of the regeneration function

❒ use of the brakes

❒ average speed

Based on a rather complex logic, the index takes the parameters into account and provides a final value that evaluates the driving behaviour during the entire mission:

❒ if the hand points to the blue zone, the driving style was efficient and such to maximise range and reduce the operating costs;

❒ if the hand points to the red zone, the driving style was inefficient. This will be penalising in terms of range and operating cost.

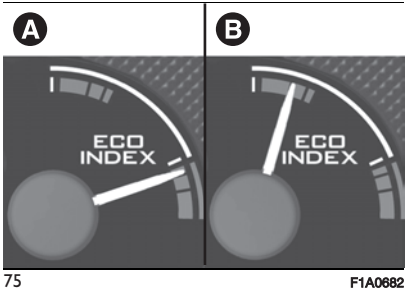
Driving the vehicle and keeping the EcoCoaching hand outside the e-POWER zone for as long as possible will help you achieve an optimal EcoIndex (and reach the blue zone).

For example, taking as reference a vehicle with a 47 kWh battery and a city route, in the case of:

❒ very aggressive driving, with less than optimal use of regeneration and without taking the EcoCoaching recommendations into account (staying in the e-POWER zone for a long time): at the end of the mission, the EcoIndex will point towards the red zone (A) fig. 75.

The useful range, maintaining this driving style throughout the mission, may be even less than 50 km

(depending on how far the hand moves clockwise in the red zone).
❒ driving normally, making optimal use of regeneration and following the EcoCoaching instructions (staying in the e-POWER zone as little as possible): at the end of the mission, the EcoIndex will point towards the blue zone (B) fig. 75.
The useful range, if you maintain this driving style throughout the mission, can easily exceed 120 km (it will increase as the hand moves anticlockwise in the blue zone).



75 F1A0682

The control unit stores the EcoIndex values of the various missions, providing a weighted average over the mileage driven. This average can be reset to zero in the control module itself, by resetting time B.

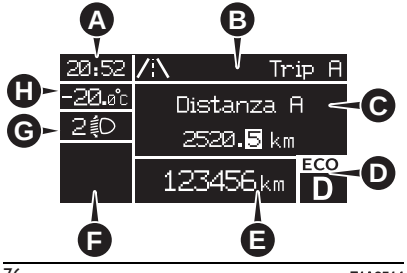
DISPLAY

eLUM

The vehicle is equipped with a reconfigurable multifunction display, able to display information that is useful and necessary when driving.

RECONFIGURABLE MULTIFUNCTION DISPLAY "STANDARD" SCREEN

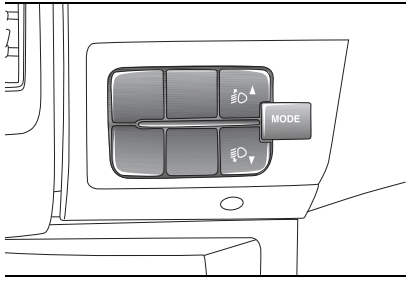
The standard screen fig. 76 shows the following information:



76 F1A0514

A Time
B Menu title
C Message display area
D Display of gear engaged (R, N, D) and driving mode (ECO, e-POWER)
E Odometer (display of distance travelled in kilometres/miles)
F Failure symbols/information display area
G Alignment position (only with dipped headlights on)
H external temperature (for versions/markets, where provided)

CONTROL BUTTONS



77 F1A0304

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

MODE

Press briefly to access the menu and/or go to next screen or to confirm the required menu option. Hold down to go back to the standard screen.

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

NOTE Buttons ▲ and ▼ activate different functions according to the following situations:

Adjusting the vehicle interior lighting

❒ with the side lights on and standard screen active, it is possible to adjust the brightness inside the vehicle.

Setup menu

❒ within the menu, they allow you to scroll up and down;
❒ to increase or decrease values during settings.

SETUP MENU

Setup menu functions

The menu comprises a series of functions arranged in a cycle which can be selected through buttons and ▲▼ to access the different selection and setting operations (setup) given in the following paragraphs. A submenu is provided for some items ("Setting the clock" and "Units ").
The setup menu can be activated by pressing the MODE button briefly.
The menu consists of the functions listed below by way of example. The available features may vary depending on version or market:

❒ Menu
❒ Dimmer
❒ Headlight alignment corrector
❒ Speed buzzer
❒ Headlamp sensor
❒ Rain sensor
❒ Trip B activation
❒ Traffic sign
❒ Set time
❒ Set date
❒ Autoclose
❒ Units
❒ Language
❒ Buzzer volume
❒ Seat belt buzzer
❒ Service
❒ Passenger's airbag
❒ Daytime running lights
❒ Auto high beam
❒ Brake control (for versions/markets, where provided)
❒ Blind Spot (where provided)
❒ Exit Menu

Press buttons ▲ or ▼ to scroll the Setup menu options.
With the **Uconnect™** system, some Menu items are shown and managed on the display of the latter and not on the instrument panel display (see the paragraphs on the**Uconnect™** system in the "Multimedia" section).

TRIP COMPUTER

eLUM

IN BRIEF

The Trip computer is used to display information on vehicle operation when the ignition key is turned to MAR. This function allows you to define two separate trips, called "Trip A" and "Trip B", for monitoring the "complete mission" (journey) of the vehicle in a reciprocally independent manner. Both functions can be reset (reset means start of a new journey).

"Trip A" can be used to display the values relating to:
❒ Travel Distance A
❒ Average Speed A
❒ Travel Time A (driving time)
❒ Reset Trip A
"Trip B" may be used to display the figures relating to:
❒ Travel Distance B
❒ Average Speed B
❒ Trip time B (driving time).
NOTE The "Trip B" function may be disabled (see the "Setup menu" paragraph in the "Display" chapter).

Exit Trip

You can automatically exit the TRIP function once all the values have been displayed or by holding the MODE button down for more than 1 second.

WARNING LIGHTS AND MESSAGES

The warning light switches on together with (where the instrument panel permits) a specific message and/or acoustic warning. 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 indicators appearing 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 malfunction is eliminated.

Warning lights on panel

	What it means	What to do
 red	LOW BRAKE FLUID / HANDBRAKE APPLIED / ELECTRIC PARKING BRAKE APPLIED The warning light switches on when the key is turned to MAR-ON, but it should switch off after a few seconds.	
	Low brake fluid level The warning light turns on when the level of the brake fluid in the reservoir falls below the minimum level, possibly due to a leak in the circuit.	Restore the brake fluid level, then check that the warning light has switched off. If the warning light turns on when travelling (on certain versions together with the message on the display) stop the vehicle immediately and contact a Fiat Dealership.
	Handbrake engaged The warning light switches on when the handbrake is engaged.	Release the handbrake, then check that the warning light has switched off. If the warning light stays on, contact a Fiat Dealership.

	What it means	What to do
 red	**Brake servo vacuum low** The warning light switches on in the event of brake servo failure; in this case the pedal can become stiff while braking. This failure in the brake servo does not affect the braking efficiency of the system, but the power assisted steering is reduced. IMPORTANT The brake system uses an electric pump to increase the brake servo vacuum. In certain driving situations, the device operation could be felt, but this condition IS PART OF THE STANDARD SYSTEM OPERATION.	Contact a Fiat Dealership to have the vehicle checked.
 red  amber  amber	EBD FAILURE The simultaneous switching on of the (red), (amber) and (amber) warning lights (for versions/markets, where provided), with the motor 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. The display shows the dedicated message.	Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately.

	What it means	What to do
 red	AIRBAG FAILURE The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. The warning light stays on constantly if there is a failure in the airbag system. On some versions the display shows the dedicated message.	⚠ 50) 51)
 red	SEAT BELTS REMINDER (for versions/markets, where provided) The warning light switches on constantly with the vehicle stationary and the driver's seat belt not fastened. The warning light flashes and an acoustic warning will sound if the vehicle is in motion and the driver's seat belt is not correctly fastened.	For permanent deactivation of the acoustic signal (buzzer) of the SBR (Seat Belt Reminder) system contact a Fiat Dealership.
 red	12V BATTERY CHARGING FAILURE / DC-DC CONVERTER FAILURE / LOGISTICS MODE ACTIVATED / POWER SUPPLY MODE The warning light comes on in the event of insufficient charge of the 12V battery or failure of the charging system.	If the warning light stays on, contact a Fiat Dealership immediately. WARNING Any operation on the 12V battery is forbidden. Always go to a Fiat Dealership.
 red	PERFORMANCE LIMITATION ("TURTLE" MODE) The warning light comes on when the high-voltage battery charge level is lower than 5% or when other situations occur that require the performance of the vehicle to be limited. In this case, the vehicle is in "Turtle" mode and its performance is limited, with the maximum speed limited to 50km/h.	If the warning light stays on, contact a Fiat Dealership immediately.

	What it means	What to do
 red	ELECTRIC MOTOR FAILURE WARNING LIGHT The warning light switches on when the ignition device is brought to the MAR position but it should switch off after a few seconds. The warning light comes on flashing, along with a dedicated message on the display and an acoustic warning, to indicate a fault or failure concerning the electric motor.	If the warning light stays on, contact a Fiat Dealership immediately.
 red	HIGH-VOLTAGE BATTERY FAILURE The warning light appears on the instrument in case of high-voltage battery failure. In this situation, a drop in vehicle performance is possible.	Contact a Fiat Dealership immediately.
 red	POWER STEERING FAILURE The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. If the warning light stays on together with the message shown on the display and an acoustic signal, the power steering is ineffective and the effort on the steering wheel increases significantly even though the vehicle can be steered.	Contact a Fiat Dealership.
 amber	ABS FAILURE The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. The warning light switches on to indicate a system fault. In this case the braking system maintains its efficiency unaltered but without the advantage of the ABS system. The display shows the dedicated message.	Drive carefully and contact a Fiat Dealership as soon as possible.

	What it means	What to do
 amber	REAR FOG LIGHTS The warning light comes on when the rear fog lights are turned on.	
 amber	ESC-ASR SYSTEM FAILURE On certain versions a dedicated message is displayed. Flashing of the warning light while driving indicates the intervention of the ESC system.	If the warning light does not go out or remains on whilst driving, go to a Fiat Dealership.
 amber	LANE DEPARTURE WARNING (DRIVING ADVISOR) (Versions with reconfigurable multifunction display) The two warning lights on indicate that the system has started recognising the operating conditions. When the system recognises the operating conditions, it becomes active, i.e. it can assist the driver with visual and acoustic warnings. Therefore, the warning lights switch off. If the operating conditions are no longer present, the system is engaged but inactive, and therefore the two warning lights on the panel switch on. When the system is active, if the vehicle gets close to one of the side limit lines or one of the two demarcation lines of the lane, the driver is warned with an acoustic signal along with illumination of the direction indicator warning light (right or left) on the panel lighting up. The system failure is indicated by the two direction indicator lights and lighting up on the panel, along with an acoustic warning and a specific alert.	
 amber		

	What it means	What to do
 amber	TPMS **TPMS failure** The warning light flashes for about 75 seconds and then stays on constantly (along with a dedicated message on the display) to indicate that the system is temporarily deactivated or faulty.	In this case, contact a Fiat Dealership as soon as possible.
	Low tyre pressure The warning light turns on to indicate that the pressure of one or more tyres is lower than the recommended value and/or that slow pressure loss is occurring. In these circumstances, optimal electrical energy consumption may not be guaranteed.	In this case it is advisable to restore the correct pressure value. IMPORTANT Do not continue driving with one or more flat tyres as vehicle handling may be compromised. Stop the vehicle, avoiding sharp braking and steering.
 amber	FULL BRAKE CONTROL SYSTEM TRIGGERED OR FAILURE (for versions/markets, where provided) (versions with reconfigurable multifunction display) The warning light switches on (together with a message on the display) if the system is triggered. The warning light and symbol, with dedicated message, switch on in case of obstruction, dirt or system unavailability.	Contact a Fiat Dealership as soon as possible.
 amber	FULL BRAKE CONTROL SYSTEM MANUAL DEACTIVATION OR RESTARTING (for versions/markets, where provided) (versions with reconfigurable multifunction display) The warning light switches on constantly (together with a specific alert on the display) if the system is manually deactivated, or temporarily until it is restarted.	
 green	VEHICLE READY TO GO This warning light, accompanied by a message on the instrument panel, indicates to the driver that the vehicle is ready to start moving.	

	What it means	What to do
 green	DIPPED BEAM HEADLIGHTS The warning light switches on when the dipped beam headlights are turned on.	
	FOLLOW ME HOME The warning light switches on (together with a message shown on the display) when this device is in use (see explanations in "Follow me home device" chapter in "Exterior lights" in the "Knowing your vehicle" section).	
 green	LEFT DIRECTION INDICATOR 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 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.	
 green	FOG LIGHTS The warning light comes on when the front fog lights are turned on.	
 green	AUTOMATIC HIGH BEAM (High Beam Control) headlights This warning light comes on when the automatic main beam headlights are activated.	

	What it means	What to do
 blue	MAIN BEAM HEADLIGHTS The warning light switches on when the main beam headlights are turned on.	
 white	HIGH-VOLTAGE BATTERY REGENERATION MODE ("eCoasting") The warning light comes on when the vehicle is started and indicates that the high-voltage battery regeneration mode is active. This mode can be deactivated by moving the e-shifter to position (⊡).	

WARNING

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

51) *The failure of the warning light is indicated by the ⚠ warning light flashing or, depending on the version, by the icon constantly on in the display. In this case, the warning light may not indicate a possible problem with the airbag restraint system. Before continuing, contact a Fiat Dealership to have the system checked immediately.*

Symbols and messages on the display

	What it means	What to do
	ELECTRIC SYSTEM FAILURE The symbol switches on in the case of failure of the electric traction system. In this situation, a drop in vehicle performance is possible.	Contact a Fiat Dealership.

	What it means	What to do
	HILL HOLDER SYSTEM FAILURE The symbol will turn on when the Hill Holder system is faulty. On certain versions a dedicated message is displayed.	Contact a Fiat Dealership
	ASR SYSTEM On some versions, the display will the show symbol together with a dedicated message on the display, when the ASR system is deactivated.	
	BRAKE PAD WEAR The symbol switches on if the front or rear brake pads are worn.	Have them replaced as soon as possible.
	EXTERNAL LIGHTS FAILURE The symbol switches on when a fault is detected on one of the following lights: ❒ direction indicators ❒ rear fog lights ❒ side lights ❒ daytime running lights ❒ number plate lights ❒ reversing lights	The fault relating to these lights could be: one or more blown bulbs, a blown protection fuse or a break in the electrical connection.
	BRAKE LIGHT FAILURE The symbol switches on when a fault is detected in the brake lights.	The fault could be: one or more blown bulbs, a blown protection fuse or a break in the electrical connection.
	AUTOMATIC MAIN BEAM HEADLIGHTS FAILURE The symbol switches on to report a failure of the automatic main beam headlights.	Contact a Fiat Dealership as soon as possible.
	HIGH-VOLTAGE BATTERIES DISCONNECTED The symbol lights up to indicate that the high-voltage batteries are disconnected from the system.	Contact a Fiat Dealership immediately.

	What it means	What to do
	"BATTERY DISCONNECT" SYSTEM FAILURE The symbol lights up if there is a fault or malfunction in the battery disconnect system.	Reactivate the safety inertia switch (see the "Safety inertia switch" chapter in the "In an emergency" section). If the operation is not successful, contact a Fiat Dealership immediately.
	INCOMPLETE DOOR/LOAD COMPARTMENT CLOSURE On certain versions, the symbol switches on when one or more doors or the load compartment are not completely shut. On some versions, the display shows a specific alert that indicates that the left/right front door or rear/load compartment door is open. An acoustic signal will sound when doors/tailgate are open and the vehicle is moving.	
	BONNET NOT PROPERLY SHUT The symbol switches on when the bonnet is not properly shut. On some versions, the display shows the dedicated message to signal the opening of the bonnet.	

	What it means	What to do
	VEHICLE PROTECTION SYSTEM FAILURE - FIAT CODE When the key is turned to MAR, the symbol will flash only once and then switch off. When the warning light comes on fixed, with key at MAR, this indicates: ❒ a potential failure (see explanations in the "Fiat Code system" chapter in the "Knowing your vehicle" section); ❒ a possible break-in attempt with an alarm; in this case the warning light switches off after approximately 10 seconds. The symbol will blink with the motor running to indicate that the vehicle is not protected by the immobiliser.	Contact a Fiat Dealership to have all the keys stored in the memory.
	PRESS THE BRAKE PEDAL This symbol turns on to indicate that the brake pedal must be pressed to enable starting.	
	AUTOMATIC HIGH BEAM (High Beam Control) headlights failure The symbol switches on when a fault is detected in the automatic switching-on system for the main beam headlights.	
	RAIN SENSOR FAILURE The symbol switches on in the case of failure of the rain sensor.	Contact a Fiat Dealership as soon as possible.
	POSSIBLE ICE ON ROAD When the external temperature reaches or falls below 3°C the external temperature indication flashes to warn the driver about the possible presence of ice on the road.	

	What it means	What to do
	SCHEDULED SERVICING (for versions/markets, where provided) The symbol appears on together with a dedicated message next to the scheduled servicing warning and stays on until the service deadline is reached. The symbol switches off after the service has been carried out at a Fiat Dealership or once 1000 km have been covered from the service deadline. On versions with multifunctional display, only a specific alert is shown.	
	PARKING SENSOR FAILURE The symbol switches on together with a dedicated message to indicate a failure of the park sensors.	
	LANE DEPARTURE WARNING (DRIVING ADVISOR) SYSTEM FAILURE The symbol switches on in the display with the two direction indicator lights and , together with an acoustic warning and a dedicated message.	
	PEDESTRIAN ACOUSTIC SIGNALLING SYSTEM FAILURE This symbol is shown on the instrument panel display in case of failure of the pedestrian acoustic warning.	Contact a Fiat Dealership.
	TRAFFIC SIGN RECOGNITION FAILURE The symbol switches on in the display together with a specific alert to indicate a failure of the Traffic Sign Recognition.	
	TRANSMISSION FAILURE The symbol appears, together with a message on the display, when a fault is detected in the transmission. The symbol and message remain on the display until the problem is solved.	Go to a Fiat Dealership as soon as possible.

	What it means	What to do
	BLIND SPOT ASSIST SYSTEM (yellow) **Sensor lock:** The symbol appears on the display if the sensor of the Blind Spot Assist system is blocked. In this case, the LEDs on the exterior mirrors are on fixed. Free the bumper of any obstacles or clean it. (yellow) **System not available:** The symbol appears on the display if the Blind Spot Assist system is not available. In this case, the LEDs on the exterior mirrors are on fixed. The failed operation of the system might be due to the insufficient voltage from the 12V battery or other failures on the electrical system. Contact a Fiat Dealership as soon as possible to have the electrical system checked. (yellow) **Blind Spot Assist system failure:** The symbol appears on the display in case of failure concerning the Blind Spot Assist system. In this case, the LEDs on the exterior mirrors are off. A chime will also sound.	Contact a Fiat Dealership as soon as possible.
"DRIVE MODE" function	The required driving mode ("e-Power" or "Eco") is indicated on the instrument panel display.	
Buzzer	The buzzer not accompanied by a warning light or dedicated message indicates the incorrect positioning of the e-shifter lever.	Position the e-shifter lever correctly.

SAFETY

The following section is very important: it describes the safety systems fitted on the car and provides the necessary information on how to use them correctly.

ABS

This is an integral part of the braking system, which prevents one or more wheels from locking and slipping regardless of the road surface conditions and braking intensity, ensuring control of the vehicle even during emergency braking.
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 ABS ensures the direction of the vehicle while braking and optimises the braking distances at the same time.
The system also improves control and stability of the vehicle when braking on a surface on which the grip of the left and right wheels differs, or when braking while cornering.
The system is completed by EBD (Electronic Braking Force Distribution), which distributes the braking action between the front and rear wheels.

WARNING 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.

⚠ 52)

SYSTEM INTERVENTION

The driver can feel that the ABS has come into action because the brake pedal pulsates slightly and the system gets noisier: it means that the vehicle speed should be altered to suit the type of road surface.

⚠ 53) 54) 55) 56) 57) 58) 59)

MSR (Motor Schleppmoment Regelung) SYSTEM

This is an integral part of the ABS system and prevents the drive wheels from locking, which could happen, for example, if the accelerator pedal is released suddenly. In these conditions, the engine braking effect could cause the drive wheels to slip, resulting in a loss of vehicle stability. In these situations, the system intervenes, restoring torque to the engine in order to conserve vehicle stability and increase safety.

⚠ *WARNING*

52) *The ABS gets the most from the available grip, but it cannot improve it; you should therefore take every care when driving on slippery surfaces and not take unnecessary risks.*

53) *When the ABS cuts in and you feel the brake pedal pulsating, do not remove your foot, but keep the pedal pushed down; in doing so you, will stop in the shortest distance possible under the road conditions at the time.*
54) *If the ABS intervenes, this indicates that the grip of the tyres on the road is nearing its limit: you must slow down to a speed compatible with the available grip.*
55) *The ABS cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.*
56) *The ABS system cannot prevent accidents, including those due to excessive speed on corners, driving on low-grip surfaces or aquaplaning.*
57) *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.*
58) *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.*
59) *If the spare wheel (for versions/markets, where provided) is used, the ABS keeps operating. Always remember that the spare wheel, being smaller than the original wheel, provides less grip.*

ESC (Electronic Stability Control) SYSTEM

(for versions/markets, where provided)
The ESC system improves the directional control and stability of the vehicle in various driving conditions.
The ESC system corrects understeer and oversteer, distributing the brake force on the appropriate wheels. The torque supplied by the engine can also be reduced in order to maintain control of the vehicle.
The ESC system uses the sensors in the vehicle to determine the trajectory required by the driver through steering and compares it with the real trajectory of the vehicle.
When the real trajectory deviates from the desired trajectory, the ESC system intervenes to counter understeer or oversteer.
❒ Oversteer: occurs when the vehicle is turning more than it should according to the angle of the steering wheel.
❒ Understeer: occurs when the vehicle is turning less than it should according to the angle of the steering wheel.
The ESC system also includes the following subsystems:
❒ Hill Holder
❒ ASR
❒ HBA
❒ ERM
❒ HDC
⚠ 60) 61) 62)

SYSTEM INTERVENTION

This is signalled by the flashing of the warning light in the instrument panel, to inform the driver that the vehicle is in critical stability and grip conditions.

SYSTEM ACTIVATION

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

HILL HOLDER SYSTEM

This system is an integral part of the ESC system and facilitates starting on slopes.
It is automatically activated in the following conditions:
❒ uphill: vehicle stationary on a road with a gradient higher than 5%, engine running, brake pressed and e-shifter in position other than reverse;
❒ downhill: vehicle stationary on a road with a gradient higher than 5%, engine running, brake pressed and reverse gear engaged.
When setting off, the ESC system control unit maintains the braking pressure on the wheels until the 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 indicating that the vehicle is going to move imminently will be heard.

WARNING The Hill Holder system is not a parking brake; therefore, never leave the vehicle without having engaged the parking brake and turned the motor off. This will ensure the vehicle is parked safety (for further information read the "When parked" chapter in the "Starting and driving" section).

ASR (AntiSlip Regulation) SYSTEM

It is an integral part of the ESC system. It automatically operates in the event of one or both drive wheels slipping, loss of grip on wet roads (aquaplaning) and acceleration on slippery, snowy or icy roads, etc.

Depending on the slipping conditions, two different control systems are activated:

❒ if the slipping involves both drive wheels, the ASR intervenes reducing the power transmitted by the engine;

❒ if the slipping only involves one of the drive wheels, it intervenes automatically braking the wheel that is slipping.

⚠ 63)

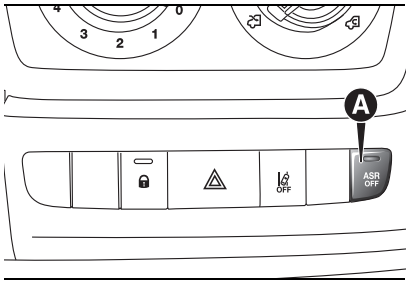
Engagement/ disengagement of the ASR system

The ASR system switches on automatically each time the engine is started.

While driving, the ASR can be switched off and subsequently switched on again by pressing the ASR OFF button ((A) fig. 78).

⚠ 64)

On some versions, the intervention of the system is indicated by a message shown on the display.



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When the system is not active, the LED on the button ASR OFF turns on and, on some versions, a message appears on the display.

If the ASR is disengaged during driving, it is automatically reactivated when the vehicle is next started.

When travelling on snowy roads with snow chains, it may be helpful to turn the ASR off: in fact, in these conditions, the driving wheels skidding when moving off gives you better traction.

HBA (Hydraulic Brake Assist) SYSTEM

The HBA system is designed to improve the braking capacity of the vehicle during emergency braking. The system detects an emergency braking by monitoring the speed and strength with which the brake pedal is pressed, thereby applying the optimal brake pressure.

This can reduce the braking distance: the HBA system therefore completes the ABS.

Maximum assistance from the HBA system is obtained pressing the brake pedal very quickly. In addition, the brake pedal must be pressed continuously during braking, avoiding intermittent presses, to benefit from the system.

Do not reduce pressure on the brake pedal until braking is no longer necessary.

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

⚠ 65) 66) 67)

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 motor power to reduce the possibility that the wheels are raised from the ground.

It is not possible to avoid the tendency to roll over if this is due to reasons such as driving on high side gradients, collision with objects or other vehicles.

⚠ 68)

WARNING

60) *The ESC system cannot overrule the natural laws of physics, and can't increase the grip available according to the condition of the road.*

61) *The ESC system cannot prevent accidents, including those due to*

excessive speed on corners, driving on low-grip surfaces or aquaplaning.

62) *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.*

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

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

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

66) *The HBA system cannot prevent accidents, including those due to excessive speed on bends, travelling on low-grip surfaces or aquaplaning.*

67) *The HBA system is an aid for the driver, who must always pay full attention while driving. The responsibility always rests with the driver. The features of the HBA system must never be tested in imprudent or dangerous ways, with the possibility of putting the safety of the driver, occupants or other road users at risk.*

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

DRIVING ASSISTANCE SYSTEMS

The vehicle may be fitted with the following driving assistance systems:

❒ BSA (Blind Spot Assist)

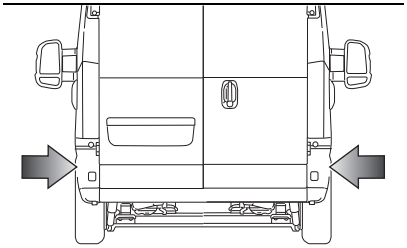
❒ TPMS (Tyre Pressure Monitoring System)

❒ LDW (Lane Departure Warning)

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

BSA (BLIND SPOT ASSIST) SYSTEM

The vehicle can be equipped with the BSA (Blind Spot Assist) system for blind spot monitoring. The BSA system uses two radar sensors, located in the rear side bumper (one on each side) fig. 79, to detect the presence of vehicles (cars, trucks, etc.) in blind spots in the rear side zone of the vehicle, while driving on the road and while reversing (RCP functionality).



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The system warns the driver about the presence of vehicles in the detection area by lighting up, on the relevant side, the warning light located on the door mirror, along with an acoustic warning. When the vehicle is started the warning light turns on to signal the driver that the system is active.

Sensors

The sensors are activated when the e-shifter is in position D at speeds higher than about 10 km/h, or when reverse is engaged.

The sensors are temporarily deactivated with the vehicle is stationary and the e-shifter is in N-H position.

Such zone begins near the centre pillar of the vehicle and extends up to 6 metres from the rear of the vehicle.

When the sensors are active the system monitors the detection areas on both sides of the vehicle and warns the

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

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.

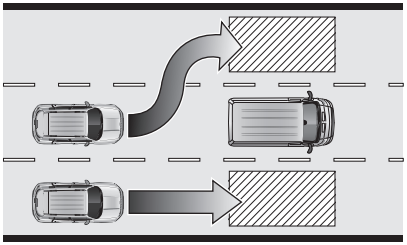
❒ The system does not warn the driver about the presence of vehicles coming from the opposite direction, in the adjacent lanes.

❒ For the system to operate correctly, the side rear bumper area fig. 79 where the radar sensors are located must stay free from snow, ice and dirt gathered from the road surface.

❒ Do not cover the side rear bumper area fig. 79 where the radar sensors are located with any object (e.g. adhesives, bike rack, etc.).

Rear view

The system detects vehicles coming from the rear part of the vehicle on both sides and entering the rear detection area fig. 80 with a difference in speed of less than 50 km/h with respect to your vehicle.



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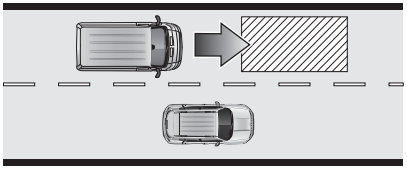
Overtaking vehicles

If another vehicle is overtaken slowly fig. 81 (with a difference in speed of less than about 25 km/h), 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.



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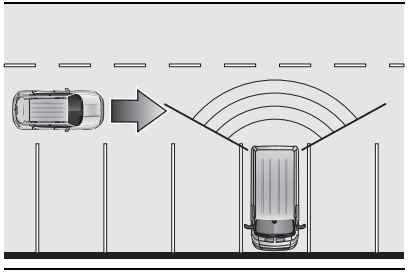
RCP (Rear Cross Path detection) function

This system helps the driver during reverse manoeuvres.
The RCP system detects objects moving towards both rear sides of the vehicle at a speed of between 1 km/h and 35 km/h, as is generally the case in parking lots fig. 82.



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

WARNING If the detection field of sensors are covered by objects or vehicles, the system will not warn the driver.

BSA operation method

The system can be activated/deactivated by operating on the display Menu, or via the **Uconnect™** system (for further

information see the dedicated supplement).
To turn the system on/off using the display menu, access the Setup Menu by pressing the MODE button on the dashboard and scroll through the list of settings using the or buttons. Select "Blind Spot". The available methods are:
- OFF
- DISPLAY
- SOUND & DISPLAY

Blind Spot Assist "Visual" mode
When this mode is active, the BSA system sends a visual warning to the respective door mirror on the side of the detected obstacle.
However, when the RCP function is on, the system produces acoustic and visual warnings when an object is detected.
When an acoustic warning is sent, the volume of the radio is lowered.

Blind Spot Assist "Sound & Display" mode
When this mode is active, the BSA system sends a visual warning to the respective door mirror on the side of the detected obstacle.
If the direction indicator on the side where an obstacle has been detected is activated, an acoustic warning is emitted as well.
The volume of the radio is not turned down.
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 volume of the radio is also turned down.

"Blind Spot Assist" system deactivation
When the system is deactivated ("Blind Spot" function set to "OFF" on the instrument panel), 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 car is started the previously stored mode will be recalled and used.
69)

WARNING

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

TPMS (Tyre Pressure Monitoring System)

(for versions/markets, where provided)
70) 71) 72) 73) 74) 75) 76) 77) 5)

DESCRIPTION

The tyre pressure monitoring system (TPMS) warns the driver of low tyre pressure on the basis of the cold inflation pressure prescribed for the vehicle.
Changes in external temperature may cause tyre pressure to vary. This means that a decrease in the external temperature corresponds to a decrease in the tyre pressure.
Tyre pressure must always be adjusted according to the cold inflation pressure. Cold tyre inflation pressure is the tyre pressure after letting the vehicle stand for at least three hours or a travel shorter than 1.6 km after an interval of three hours.
The cold tyre inflation pressure must not exceed the maximum inflation pressure value printed on the side of the tyre.
The tyre pressure also increases while driving the vehicle: this is a normal condition and does not require any adjustment of the pressure.
The TPMS continues to advise the driver of the low tyre pressure condition until this is corrected; the

warning continues until the pressure corresponds or exceeds the pressure prescribed for the cold tyres. When the low tyre pressure check warning light (!) turns on continuously, the inflation pressure must be adjusted until it reaches the pressure prescribed for cold tyres. After the automatic update of the system, the tyre pressure control warning light switches off. You may need to drive the vehicle for about 20 minutes at a speed higher than 20 km/h to allow the TPMS to receive this information.

NOTE

❒ The TPMS does not replace the normal tyre maintenance service and does not indicate any fault in a tyre.

❒ Therefore, the TPMS should not be used as pressure switch while adjusting the tyre inflation pressure.

❒ Driving with insufficient tyre pressure causes their overheating and can result in tyre failure. The low inflation pressure reduces fuel efficiency and tyre tread life and may also affect handling and braking performance of the vehicle.

❒ The TPMS does not replace the correct tyre maintenance. It is up to the driver to maintain the correct tyre pressure level measuring it with a suitable pressure switch. This is necessary even if the decrease in the inflation pressure value does not cause the tyre pressure control warning light to switch on.

❒ The TPMS warns the driver of any condition of insufficient tyre pressure. If this drops below the insufficient pressure limit for any reason including low temperature and normal pressure loss of the tyre.

❒ The seasonal temperature changes affect tyre pressure.

The TPMS uses wireless devices with electronic sensors mounted on the wheel rims to constantly monitor the value of tyre pressure. The sensors mounted on each wheel as part of the valve stem transmit various information of the tyres to the receiver module, in order to calculate the pressure.

WARNING Monitoring and maintaining the correct pressure in all four tyres are particularly important.

Tyre pressure monitoring system low pressure warnings

The system warns the driver if one or more tyres are flat by turning on the (!) warning light on the instrument panel (together with a warning message and an acoustic warning).

In this case, stop the vehicle as soon as possible, check the inflation pressure of each tyre and inflate to the cold tyre pressure value prescribed for the vehicle. The system will automatically update and after receiving the tyre pressure update the tyre pressure control warning light switches off. You may need to drive the vehicle for about 20 minutes at a speed higher than 20 km/h to allow the system to receive this information.

TPMS operation faults

The system fault is indicated by the corresponding warning light (!), which first flashes for 75 seconds and then stays on continuously. This can occur in any of the following situations:

❒ interference caused by electronic devices or radio frequency emissions similar to those of the TPMS sensors.

❒ Application of tinted films which interfere with the signals of the radio waves.

❒ Presence of snow or ice on the wheels or the wheel arches.

❒ Use of snow chains.

❒ Use of wheels/tyres not equipped with TPMS sensors.

❒ The spare wheel is not equipped with the tyre pressure control sensor. Therefore, the tyre pressure is not controlled by the system.

❒ If the spare wheel replaces a tyre with a pressure lower than the insufficient pressure limit, an acoustic warning will be emitted and the (!)

warning light will turn on at the next start-up.

❒ When the original tyres is repaired or replaced and it is mounted back on the vehicle to replace the spare wheel, the TPMS will update automatically and the warning light will switch off, provided that the pressure of none of the four tyres is below the insufficient pressure limit. You may need to drive the vehicle for about 20 minutes at a speed higher than 20 km/h to allow the TPMS to receive this information.

WARNING

70) *The TPMS is optimised for the original tyres and wheels provided. TPMS pressures and alerts have been defined according to the size of the tyres mounted on the vehicle. Using equipment with different size, type or kind may cause irregular system operation or sensor damage. Non-original spare wheels can damage the sensor. Do not use tyre sealant or balancing weights if the vehicle is equipped with TPMS as these may damage the sensors.*

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

72) *The TPMS does not relieve the driver from the obligation to check the tyre pressure every month; it is not even to be considered a replacing system for maintenance or a safety system.*

73) *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.*

74) *The TPMS 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.*

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

76) *Always refit the valve stem cap after inspecting or adjusting tyre pressure. This prevents dampness or dirt from entering the valve stem and thus the pressure control sensor from being damaged.*

77) *The tyre repair kit (Fix&Go) provided with the vehicle (for versions/markets, where provided) is compatible with the TPMS sensors; using sealants not equivalent with that in the original kit may adversely affect its operation. If sealants not equivalent with the original one are used, it is recommended to have the TPMS sensor operation checked by a qualified repair centre.*

IMPORTANT

5) *Insufficient tyre inflation increases electrical energy consumption, reduces the tread duration and may affect your ability to drive the vehicle safely.*

DRIVING ADVISOR (LANE DEPARTURE WARNING)

(for versions/markets, where provided)

78) 79) 80)

The Driving Advisor (Lane Departure Warning) system notifies the driver if they cross lanes, assisting the driver when distracted.

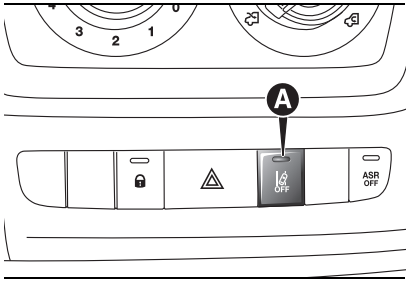
A video sensor, fitted on the windscreen near the interior rear-view mirror, detects the lane demarcation lines and the position of the vehicle in relation to them.

IMPORTANT On cars with Driving Advisor (Lane Departure Warning) it is advisable to contact a Fiat Dealership should the windscreen need to be replaced.

If the repair is carried out at a specialist window replacement centre, it is still necessary to go to a Fiat Dealership to have the camera calibrated.

OPERATION

The system is always active when the vehicle is started. It can be deactivated or re-activated by pressing the button (A) fig. 83 on the dashboard (see following description).



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The LED on the button switches on to confirm that the system has been activated and a dedicated message appears on the display.

When the system is activated, the LED on the dedicated button is off. If the user deactivates the system, the LED on the button switches on constantly and a dedicated message appears on the display to confirm that the system has been switched off.

The system is enabled at every key cycle of the vehicle and starts recognition of the operating conditions (condition signalled to the driver when the 2 direction warning lights and on the instrument panel light up).

When the system recognises the operating conditions, it becomes active, i.e. it can assist the driver with visual and acoustic warnings. Therefore the two direction warning lights and on the instrument panel switch off to prevent excessively frequent warnings while driving in towns or on winding roads at low speeds.

WARNING If the operating conditions are no longer present, the system remains activated but inactive. Therefore the driver is warned by the 2 direction warning lights and on the instrument panel switching on constantly.

OPERATING CONDITIONS FOR ACTIVATION

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

- ❒ front driving direction (reverse not engaged);
- ❒ the system does not detect any error;
- ❒ calibration in progress;
- ❒ vehicle speed between 60 km/h and the max. vehicle speed;
- ❒ presence of lane demarcation lines not deteriorated and visible on both sides;
- ❒ suitable visibility conditions;
- ❒ straight line or wide radius bends;
- ❒ sufficient field of vision condition (safety distance from vehicle in front);
- ❒ direction indicators not activated in the lane exiting direction (e.g. right lane exiting direction, right direction indicator activated);
- ❒ vehicle direction getting constantly closer to the lane demarcation lines (the vehicle trajectory is within the lane demarcation lines);
- ❒ vehicle not constantly next to the lane demarcation line.

ACTIVATING/DEACTIVATING THE SYSTEM

When the system is active, if the vehicle gets close to one of the limit lines or one of the two lane demarcation lines, the driver is warned with an acoustic signal (coming from the crossed line side if the vehicle is equipped with the radio navigation system) along with the corresponding direction warning light (or) lighting up.

If the driver turns on the direction indicator in order to change lanes or for overtaking, then the system will switch off the driver warning.

If the driver keeps deliberately with the lane change manoeuvre, the system interrupts the warning, remaining enabled if the operating conditions are not satisfied or active if the operating conditions are exceeded (see the dedicated paragraph).

SWITCHING OFF THE SYSTEM

The system can be switched off by pressing button (A) fig. 83 on the dashboard.

The LED on the button switches on and a message appears on the display to confirm that the system has been switched off.

SYSTEM FAILURE

In the event of malfunction, the system signals the fault to the driver with a message on the display, an acoustic warning and by turning on the icon on the display (for versions/markets, where provided).

IMPORTANT NOTES

The Driving Advisor cannot operate due to a not perfectly balanced and excessive load.

The operation of the system can be adversely affected in some cases by the morphology of the territory/road being driven on (e.g. driving over humps), poor visibility conditions (e.g. fog, rain, snow), extreme light conditions (e.g. glare of the sun, darkness), lack of cleanliness or damage, even partial, to the windscreen in the area in front of the camera.

The Driving Advisor cannot operate following a malfunction of the following safety systems: ABS, ESC and ASR.

The operation of the system can be adversely affected by poor visibility conditions (e.g. fog, rain, snow), extreme light conditions (glare of the sun, darkness), lack of cleaning or damage, even partial, to the windscreen in the area in front the camera.

The area of the windscreen by the camera must not be partly or totally obscured by objects (e.g. stickers, protective film, etc.).

WARNING

78) *If the camera loses its position due to a load variation, the system may not work temporarily to allow the camera to perform an auto-calibration.*

79) *The Driving Advisor is not an automatic driving system and does not replace the driver in controlling the trajectory of the vehicle. The driver is personally responsible for maintaining sufficient attention for the traffic and road conditions and for controlling the vehicle trajectory safely.*

80) *In the case of indistinct, overlapping or missing lane demarcation lines, the system may not assist the driver: in this case the Driving Advisor will be inactive.*

TABLE SUMMARISING SIGNALS DURING THE USE OF THE LANE DEPARTURE WARNING (DRIVING ADVISOR)

Status of the LED on the button	Message in the display	Status of the symbol on the display	Acoustic warning	Meaning
Off	–	–	–	system active (automatic for each key cycle)
Off	Driving Advisor active	warning lights  and  on fixed	–	system active without operating conditions met
Off	Driving Advisor active	–	–	system active and operating conditions met: the system can provide acoustic-visual warnings
Off	–	warning light Blinking	Yes	the system is active and recognises the operating conditions: it warns about deviation from the left line
Off	–	warning light Blinking	Yes	the system is active and recognises the operating conditions: it warns about deviation from the right line
On	Driving Advisor off	–	no	The system has been switched off manually
On	Driving Advisor not available - see handbook	failure warning	Yes	The system is faulty: go to a Fiat Dealership

Status of the LED on the button	Message in the display	Status of the symbol on the display	Acoustic warning	Meaning
On	Driving Advisor not available - clean the front camera	failure warning 	Yes	system failure: clean the windscreen

OCCUPANT PROTECTION SYSTEMS

Some of the most important safety equipment of the vehicle comprises the following protection systems:

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

Read the information given the following pages with the utmost care.

It is of fundamental importance that the protection systems are used in the correct way to guarantee the maximum possible safety level for the driver and the passengers.

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

SEAT BELTS

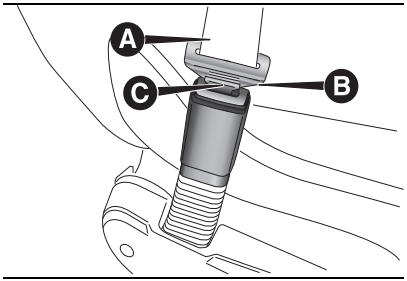
IN BRIEF

All the seats in the vehicle are equipped with seat belts with three anchoring 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 to reduce the risk of impact inside the passenger compartment or of being projected outside the vehicle. The driver is responsible for respecting, and ensuring that all the other occupants of the vehicle also respect, the local laws in force in relation to the use of the seat belts. Always fasten the seat belts before setting off.

USING THE SEAT BELTS

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

To fasten the seat belts, hold fastening tongue (A) fig. 84 and insert it into buckle (B), until it clicks into place.



84 F1A0145

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

Press button (C) fig. 84 to release the belt. Guide the belt while it is rewinding to prevent it from twisting.

The retractor may lock up when the vehicle 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.

⚠ 81)

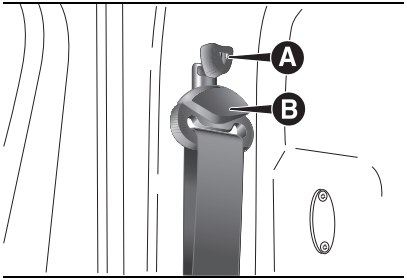
HEIGHT ADJUSTMENT

To adjust, press button (A) fig. 85 and raise or lower the handle (B).

⚠ 82) 83)

Always adjust the seat belt height to the passenger's body. This precaution may considerably reduce the risk of injury in the event of a collision.

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



85 F1A0146

Seat belt with retractor for front central place on bench seat

The two-seater front bench is equipped with an on-board seat belt (reel on seat) with three anchorage points for the central position fig. 86.

86 F1A0147

WARNING

81) *Never press button (C) fig. 84 when travelling.*
82) *The height of the seat belts must be adjusted with the vehicle stationary.*
83) *After adjustment, always check that the cursor to which the ring is fastened is locked in one of the preset positions. To do this, with button released, press downward more to allow the anchoring device to click if it has not been released in one of the possible positions.*

SBR SYSTEM

IN BRIEF

The vehicle is provided with a system called SBR (Seat Belt Reminder), composed of a buzzer which, along with the flashing warning light on the instrument panel, warns the driver that their seat belt or (for versions/markets, where provided) the passenger's seat belt is not correctly fastened.

For permanent deactivation, contact a Fiat Dealership.
With multifunction display, the SBR system can also be reactivated through the Setup menu.

PRE-TENSIONERS

To increase the protective efficiency of the front seat belts, the vehicle is fitted with pretensioners. These devices, in the event of a head-on crash or side impact, rewind the seat belts a few centimetres. In this way, they ensure that the belts fit tightly to the wearer before the restraining action begins.
It is evident that the pretensioners have been activated when the belt withdraws toward the retractor.
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 or mud, contact a Fiat Dealership to have it replaced.
84)
6)

WARNING 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

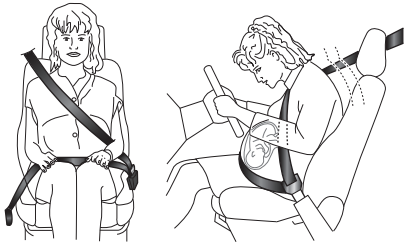
To increase passenger safety, the front seat belt retractors contain a load limiter which controls the force acting on the chest and shoulders during the belt restraining action in the event of a head-on collision. This device is present on all versions with the exception of the version with bench seat if no air bag is present.

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

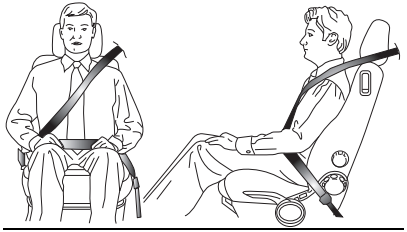
Seat belts are also to be worn by pregnant women: the risk of injury in the case of accident is greatly reduced for them and the unborn child if they are wearing a seat belt. Pregnant women must position the lower part of the belt very low down so that it passes over the pelvis and under the abdomen (see fig. 87).

While pregnancy progresses, the driver must adjust both the seat and the steering wheel to ensure full control of the vehicle (pedals and steering wheel must be easily accessible). 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. 88, not to the abdomen of the occupant. Do not use devices (clips, etc.) to hold the seat belt away from your body.

⚠ 85) 86) 87)



87 F1A0148



88 F1A0149

89 F1A0150

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

SEAT BELTS MAINTENANCE

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

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

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

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

84) *The pretensioner may be used only once. After it is triggered, have it replaced at a Fiat Dealership.*
85) *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 on both the front and the rear seats! Travelling without wearing seat belts will increase the risk of serious injury and even death in the event of an accident.*
86) *Removing or tampering with seat belt and pretensioner components is strictly prohibited. Any intervention on these components must be performed by qualified and authorised technicians. Always go to a Fiat Dealership.*
87) *If the belt has been sharply pulled, for example as the result of an accident, the seat belt, together with the anchoring devices, the anchoring device fixing screws and the pretensioner must be completely replaced. Even if the belt does not present any exterior signs of wear or damage, it may have lost its restraining properties.*

IMPORTANT

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

CARRYING CHILDREN SAFELY

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 adults, a child's head is proportionally larger and heavier than the rest of the body, while muscles and bone structure 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 that can be secured to the vehicle 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.
In Europe the characteristics of child restraint systems are ruled by the regulation ECE-R44, dividing them into five weight groups:

Group	Weight groups
Group 0	up to 10 kg in weight
Group 0+	up to 13 kg in weight

Group	Weight groups
Group 1	9-18 kg
Group 2	15 - 25 kg
Group 3	22 - 36 kg

As you can see, the groups overlap partly and, in fact, there are devices on sale that cover more than one weight group.

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.

Over 1.50 m in height, from the point of view of restraint systems, children are considered as adults and wear the seat belts normally.

Lineaccessori MOPAR includes child restraint systems for each weight group. These devices are recommended, having been specifically designed for Fiat cars.

⚠ 88)

GROUP 0 and 0+

Babies up to 13 kg must be carried facing backwards on a cradle seat, which, supporting the head, does not induce stress on the neck in the event of sharp decelerations.

The cradle is restrained by the seat belts of the vehicle, as shown in fig. 90 and it must restrain the child in turn with its own belts.

⚠ 89) 90) 91) 92) 93) 94) 95)

90 F1A0151

GROUP 1

Children from 9 kg to 18 kg in weight can be carried facing forwards if the child seat is fitted with a front cushion, through which the vehicle seat belt restrains both child and seat fig. 91.

⚠ 90) 91) 92) 93) 94) 95)

91 F1A0152

GROUP 2

Children from 15 to 25 kg may use the seat belts of the vehicle directly fig. 92. The child restraint system is now needed only to position the child correctly with respect to the belts so that the diagonal section crosses the child's chest and never the neck, and the lower part is snug on the pelvis not the abdomen.

⚠ 90) 91) 92) 93) 94)

92 F1A0153

GROUP 3

For children from 22 kg to 36 kg in weight the size of the child's chest no longer requires a support to space the child's back from the backrest.

The fig. 93 shows the correct child positioning on the rear seat.

⚠ 90) 91) 92) 93) 94)

22-36 kg

93 F1A0154

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

WARNING

88) *Do not place a rear-facing cradle seat on the front seat if the passenger side airbag is enabled. Deployment of the airbag in an accident could cause fatal injuries to the child regardless of the severity of the impact. 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. If you need to carry a child on the front passenger seat in a rear-facing cradle restraint system, the passenger side airbags (front and side bags for chest/pelvis protection, for versions/markets, where provided) must be deactivated using the setup menu. It is important to check the dedicated LED on button on the dashboard to make sure that they are actually deactivated. Move the passenger's seat as far back as possible to avoid contact between the child seat and the dashboard.*

89) *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).*

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

91) *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.*

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

93) *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.*

94) *The diagrams are indicative and provided for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.*

95) *Car seats for weight groups 0 and 1 feature an anchor in front of the vehicle safety belts as well as its own belts to restrain the child. Due to their weight, they may be dangerous if incorrectly mounted (e.g. if fastened to the vehicle seat belts placing a cushion in between). Follow the assembly instructions carefully.*

PASSENGER SEAT COMPLIANCE FOR USING UNIVERSAL CHILD SEATS

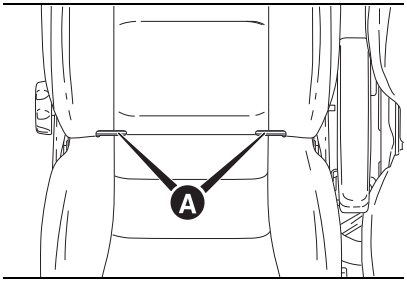
The vehicle complies with the new European Directive 2000/3/EC which governs the arrangement possibilities for child restraint systems on the seats of a vehicle as shown in the following table (the table applies the single cab van, Combi and Panorama versions)

Group	Weight groups	CAB				1st and 2nd REAR SEATS ROW		
		Single seat		Double seat		Rear left side passenger	Rear right side passenger	Rear central passenger
		Airbag enabled	Airbag disabled	Airbag enabled	Airbag disabled			
Group 0, 0+	Up to 13 kg	X	U	X	X	U	U	X
Group 1	9 - 18 kg	X	U(a)	X	X	U	U	X
Group 2	15 - 25 kg	U (a)	U (a)	X	X	U	U	X
Group 3	22–36 kg	U (a)	U (a)	X	X	U	U	X

(*) IMPORTANT: NEVER fit rearward-facing child restraint systems on the front seat with an active passenger airbag. If you wish to fit a rearward-facing child seat in the front passenger seat, first deactivate the relative airbag (see instructions in the "Supplementary Restraint System (SRS) – Airbag" chapter).
X restraint system not suitable for children in this weight category.
U suitable for child restraint systems of the "Universal" category, according to European Standard ECE-R44 for the specified "Groups".
(a) forward facing child restraint system, the seat must be positioned no more forward than the longitudinal halfway point.
IMPORTANT The bench seat and the Crew Cab Van version 4-seater seat are not suitable for positioning a child restraint system.

SETUP FOR "UNIVERSAL ISOFIX" CHILD RESTRAINT SYSTEM

The vehicle is set up for fitting an Isofix child restraint system.
The ISOFIX system lets you install the ISOFIX child restraining system quickly, simply and safely, without using the vehicle seat belts, but by connecting the child restrain system directly to the vehicle seat with three anchors in the vehicle. Traditional child restraint systems can be fitted alongside ISOFIX child restraint systems on different seats in the same vehicle.
To install an ISOFIX child restraint system, attach it to the two metal anchorings (A) fig. 94 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the restraint system) to the dedicated anchoring (B) fig. 95 located at the bottom behind the backrest.
fig. 97 shows an example of a Universal ISOFIX child restraint system for weight group 1.



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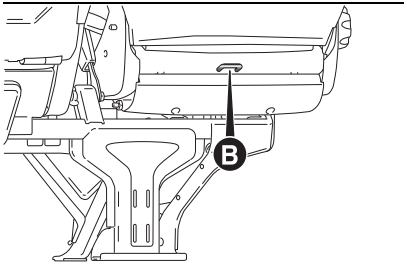
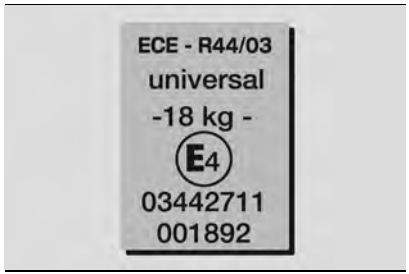


95 F1A0157

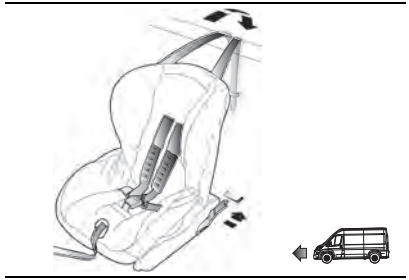
NOTE When a Universal ISOFIX child restraint system is used, only ECE R44 "ISOFIX Universal" (R44/03 or further upgrades) type-approved child restraint systems can be used fig. 96.

WARNING The fig. 97 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.

96) 97) 98) 99)



96 F1B0117C



97 F1A0155

WARNING

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

97) *Fiat Professional recommends fitting the child restraint system according to the instructions, which must be included.*
98) *Never use the same lower anchorage to attach more than one child restraint.*
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.*

SUITABILITY OF PASSENGER SEATS FOR USE WITH ISOFIX CHILD SEATS

The table below shows the different installation possibilities for "Universal ISOFIX" child restraint systems on the seats fitted with ISOFIX attachments, in accordance with European regulation ECE 16.

Weight group	Child restraint system position	Isofix size class	Rear side Isofix position, 1st row (PANORAMA)	Rear side Isofix position, 1st row (COMBI)
Portable cradle	Rear facing	F	X	X
	Rear facing	G	X	X
Group 0 (up to 10 kg)	Rear facing	E	IL	IL
Group 0+ (up to 13 kg)	Rear facing	E	IL	IL
	Rear facing	D	IL	IL
	Rear facing	C	IL	IL

Weight group	Child restraint system position	Isofix size class	Rear side Isofix position, 1st row (PANORAMA)	Rear side Isofix position, 1st row (COMBI)
Group 1 (from 9 up to 18 kg)	Rear facing	D	IL	IL
	Rear facing	C	IL	IL
	Forward facing	B	IUF	IUF
	Forward facing	B1	IUF	IUF
	Forward facing	A	IUF	IUF

X: ISOFIX position not suitable for ISOFIX child restraint systems in this weight group and/or size class.
IL: suitable for Isofix child restraint systems of the "Specific for the vehicle", "Restricted", or "Semiuniversal" categories, approved for this type of vehicle.
IUF: suitable for forward facing Isofix child restraint systems of the universal category, approved for use in the weight group.

WARNING The bench seat and the Crew Cab Van version 4-seater seat are not suitable for positioning a child restraint system.

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

i-Size CHILD RESTRAINT SYSTEMS

These child restraint systems, built and type-approved according to the i-Size (ECE R129) standard, ensure better safety conditions to carry children on board a vehicle:

❒ the child must be transported rearward facing until 15 months;

❒ child restraint system protection is increased in the event of a side collision;

❒ the use of the ISOFIX system is promoted to avoid faulty installation of the child restraint system;

❒ efficiency in the choice of the child restraint system, which isn't made according to weight any more but according to the child's height, is increased;

❒ compatibility between the vehicle seats and the child restraint systems is better: the i-Size child restraint systems can be considered as "Super ISOFIX"; this means that they can be perfectly fitted in type-approved i-Size seats, but can also be fitted in ISOFIX (ECE R44) type-approved seats.

WARNING If your vehicle seats are i-Size approved, the fig. 98symbol will appear on the seats near the ISOFIX attachments.

98 J0A0450

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

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

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

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

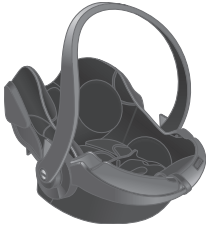
WARNING This vehicle is not approved for use with i-Size child restraint systems. Despite this, it may be possible to install an "i-Size" child restraint system. Check compatibility of the vehicle with the child restraint system on the manufacturer's Internet website.

CHILD RESTRAINT SYSTEMS RECOMMENDED BY FIAT PROFESSIONAL FOR YOUR NEW DUCATO

In the markets in which they are available, Lineaccessori MOPAR offers a complete range of child restraint systems to be fixed using the seat belt with three anchor points or the ISOFIX anchorages.

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

⚠ 100) 101) 102) 103)

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 0+: from birth to 13 kg from 40 cm to 80 cm		**BeSafe iZi Go Modular** Fiat order code: 71808564	Universal/i-Size child restraint system. It must be installed facing rearwards, using the vehicle seat belts only, or the dedicated i-Size base (which can be purchased separately) and the vehicle ISOFIX anchorages. It must be fitted on the rear outer seats.
	+	+	
		**BeSafe iZi Modular i-Size Base** 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 from 67 cm to 105 cm		**BeSafe iZi Modular i-Size** Fiat order code: 71808565	The approved i-Size child restraint system that **must** be installed in the vehicle together with the underneath iZi Modular i-Size Base, which can be purchased separately. It can be installed facing forwards or facing backwards (refer to the child restraint system manual) It must be fitted on the rear outer seats.
	+	+	
		**BeSafe iZi Modular i-Size Base** Fiat order code: 71808566	
Group 2: from 15 kg to 25 kg from 95 cm to 135 cm		**Britax Römer KidFix XP**	It can only be fitted facing forwards, using the three-point seat belt and the ISOFIX anchorages, if present. **FCA recommends installing it using the ISOFIX anchor points of the vehicle.** It must be fitted on the rear outer seats.

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 3: from 22 kg to 36 kg from 136 cm to 150 cm		**Britax Römer KidFix XP**	It can only be fitted facing forwards, using the three-point seat belt and the ISOFIX anchorages, if present. **FCA recommends installing it using the ISOFIX anchor points of the vehicle.** It must be fitted on the rear outer seats.

WARNING

100) *Fit the child restraint system only when the vehicle is stationary. The child restraint system is correctly fixed to the brackets when you hear the click. Follow the instructions for assembly, disassembly and positioning that the Manufacturer must supply with the child restraint system.*
101) *Fiat Professional recommends fitting the child restraint system according to the instructions, which must be included.*
102) *Never use the same lower anchorage to attach more than one child restraint.*
103) *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.*

Below is a summary of the main safety rules to be followed when carrying children

❒ The recommended position for installing child restraint systems is on the rear seat, as it is the most protected area 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 front airbag is deactivated, always check the corresponding LED on the button  on the instrument panel to make sure that it has actually been deactivated.
❒ Carefully follow the instructions that come with the child seat, which the manufacturer must supply. Keep the instructions in the vehicle along with the other papers and this handbook. Do not use second-hand child seats without instructions.
❒ Always check that the seat belt is well fastened by pulling on it.
❒ Only one child is to be strapped into each restraint system; never carry two children using one child restraint system.
❒ Always check that seat belts do not rest on the child's neck.
❒ While travelling, do not let the child sit incorrectly or unfasten the belts.
❒ Never carry children on your lap, even newborns. No-one can hold a child in the case of a crash.
❒ Never allow a child to put the belt's diagonal section under an arm or behind their back.
❒ If the vehicle has been involved in a road accident, replace the child restraint system with a new one.
In addition, and depending on the type of child restraint system installed, replace the ISOFIX anchors or the seat belt with which the child restraint system was connected.
❒ The rear headrest can be removed if needed to install a child restraint system. The head restraint must always be fitted in the vehicle 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 vehicle may be equipped with:
❒ front driver airbag;
❒ front passenger airbag;
❒ front side bags to protect the pelvis and chest of the driver and passenger;
❒ window bags to protect the heads of the front seat occupants.
The airbag locations on the vehicle are marked by the word "AIRBAG" in the middle of the steering wheel, on the dashboard, on the side lining or on a label placed next to the airbag deployment area.

FRONT AIRBAGS

The front airbags protect the front seat occupants in the event of a medium-high severity frontal impact, by placing the bag between the occupant and the steering wheel or dashboard.
Therefore, non-activation in other types of collisions (side collisions, rear shunts, roll-overs, etc.) is not a system malfunction.
An electronic control unit will make the bag inflate in the event of a frontal impact.
The bag will inflate instantaneously placing itself between the front occupants body and the structures

which could cause injury. It will deflate immediately afterwards.

Front airbags are not a replacement of but complementary to the seat belts, which you are recommended to always wear, as specified by law in Europe and most non-European countries.

In the event of a collision, someone not wearing a seat belt could move forward and come into contact with a bag which is still opening. The protection offered by the bag is compromised in these circumstances.

Front airbags may not activate in the following situations:

❒ frontal impacts against highly deformable objects not involving the front surface of the vehicle (e.g. wing collision against guard rail, etc.);

❒ when the vehicle is wedged under other vehicles or protective barriers (e.g. under a lorry or a guardrail);

Failure to deploy in the conditions described above is due to the fact that the airbags 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.

⚠ 104)

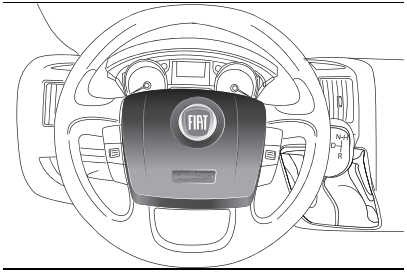
The driver's and passenger's front airbags have been designed and calibrated to protect front seat occupants wearing seat belts. At their maximum inflation, their volume fills most of the space between the steering wheel and the driver and between the dashboard and the passenger.

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 impact, they ensure the correct positioning of the occupant.

DRIVER'S SIDE FRONT AIRBAG

This consists of an instant-inflating bag contained in a special compartment in the centre of the steering wheel fig. 99.

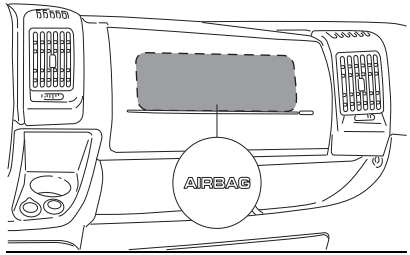


99 F1A0537

PASSENGER'S FRONT AIRBAG

(for versions/markets, where provided)

This consists of an instantly inflating bag contained in a special compartment in the dashboard fig. 100: this bag has a larger volume than that on the driver side.



100 F1A0159

PASSENGER'S FRONT AIRBAG AND CHILD RESTRAINT SYSTEMS

⚠ 105)

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.

101 F0T0950

ALWAYS comply with the instructions on the label stuck on the passenger side sun visor fig. 101.

Manual deactivation of front passenger side airbag and side bag

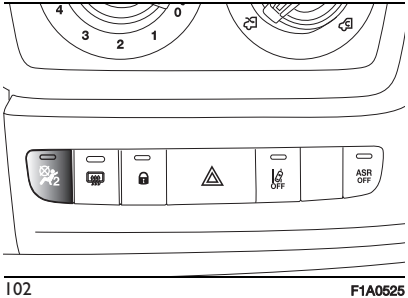
(for versions/markets, where provided)

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

WARNING To manually deactivate the front passenger airbag and side bag (for versions/markets, where provided), refer to the "Display" chapter the "Knowing the instrument panel" section). The LED on the button switches on in case of deactivation.

The LED that corresponds to the symbol fig. 102 on the dashboard indicates the passenger's protection status. If the LED is off, the passenger side protection is activated.

When the front passenger airbag and side bag (for versions/markets, where provided) are activated again, the warning light turns off.



102 F1A0525

When the vehicle is started (key in MAR position), the LED turns on for approx. 8 seconds, provided that at least 5 seconds have elapsed from the previous switching off. If not, contact a Fiat Dealership.

If the vehicle is switched off/on again in less than 5 seconds the LED may remain off. In this case, to check correct LED operation, switch the vehicle off, wait at least 5 seconds and switch on again.

During the first 8 seconds, the activation of the LED does not actually show the passenger protection status, but only checks its correct operation.

The LED is tested also for markets where the passenger protection deactivation is not provided, and the LED switches on for less than one second when the key is turned to MAR, and then switches off again.

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

WARNING

104) *Do not apply stickers or other objects to the steering wheel, the dashboard in the passenger side airbag area and 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.*

105) *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.

PASSENGER SIDE FRONT AIRBAG AND CHILD RESTRAINT SYSTEMS: IMPORTANT

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

103 F1A0387

SIDE BAGS

⚠ 106) 107) 108) 109) 110) 111) 112) 113) 114) 115) 116) 117) 118) 119)

To help increase occupant protection in the event of a side collision, for versions/markets where provided, the vehicle is equipped with front side bags and window bags.

Side bags (for versions/markets, where provided) protect occupants from side impacts of medium-high severity, by placing the bag between the occupant and the internal parts of the side structure of the vehicle. Non-activation of side bags in other types of collisions (front collisions, rear shunts, roll-overs, etc.) is not a system malfunction.

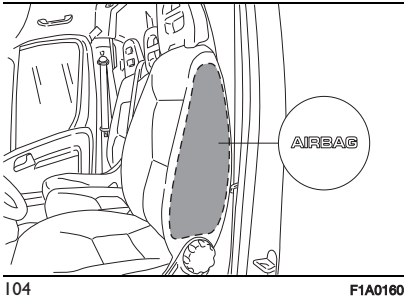
An electronic control unit causes the bags to inflate in the event of a side collision. The bags inflate instantaneously, placing themselves between the occupant's body and the structures which could cause injury. They deflate immediately afterwards.

Side bags (for versions/markets, where provided) are not a replacement of but complementary to the belts, which you are recommended to always wear, as specified by law in Europe and most non-European countries.

FRONT SIDE BAGS FOR CHEST PROTECTION

(for versions/markets, where provided)

Housed in the seat backrests fig. 104, they are composed of an instantly inflating bag, which serves to protect the occupants' chest and pelvis in the event of a medium-high severity side collision.

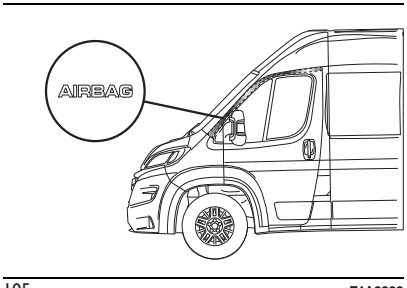


104 F1A0160

WINDOW BAGS

(for versions/markets, where provided)

They consist of two curtain bags, one on the right and the other on the left side of the vehicle, located behind the side coverings of the roof and covered by special finishing fig. 105.



105 F1A0333

Window bags have been designed for protecting the head of front occupants in the event of side collision, thanks to the wide bag inflation surface.

WARNING In the event of a side collision, the system offers best protection if you keep a correct position on the seat because this allows the side bags to inflate correctly.

WARNING The front airbags and/or side bags may be deployed if the vehicle is subject to heavy knocks or accidents involving the underbody area, such as for example violent shocks, against steps, kerbs or low obstacles, vehicle falling into big potholes or depressions in the road.

WARNING A small amount of dust will be released when the airbags are

deployed. The dust is not harmful and does not indicate the beginning of a fire. Furthermore, the surface of the deployed bag and the interior of the vehicle may be covered in a dusty residue: this may irritate your skin and eyes. Wash with mild soap and water in the event of exposure.

WARNING Should an accident occur in which any of the safety devices are activated, take the vehicle to a Fiat Dealership to have the activated devices replaced and to have the whole system checked.

Every control, repair and replacement operation concerning the airbags must be carried out only at Fiat Dealerships. If you are having the vehicle scrapped, have the system deactivated at a Fiat Dealership first. If the vehicle changes ownership, the new owner must be informed of how to use the airbags and the above warnings and also be given this "Owner Handbook".

WARNING Pretensioners, front airbags and front side bags are deployed differently according to the type of collision. Failure to activate one or more of the devices does not indicate a system malfunction.

WARNING

106) *Never rest head, arms and elbows on the doors, on the windows and in the window bag head protection area to prevent possible injuries during inflation phase.*

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

108) *If when turning the key to MAR the warning light does not turn on or if it stays on while driving (together with the message on the multifunction display, for versions/markets, where provided), there could be an anomaly in the safety systems; in this event, airbags or pretensioners may not trigger in the case of an accident or, in a lower number of cases, they could be triggered accidentally. Contact a Fiat Dealership immediately to have the system checked.*

109) *Do not cover the backrest of the front or rear seats with covers which are not suitable for use with side bags.*

110) *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.*

111) *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.*

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

113) *Have the airbag system checked by a Fiat Dealership if the vehicle was stolen, if theft was attempted, or if the vehicle was subjected to vandalism or flooding.*

114) *By turning the ignition key to MAR position, the LED on the button located on the dashboard lights up (the time it stays lit up can vary depending on the market), to check that the button LED is working correctly.*

115) *Do not wash the seats with water or pressurised steam (wash by hand or at automatic seat washing stations).*
116) *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.*
117) *Do not affix rigid objects to the coat hooks or support handles.*
118) *The airbag does not replace seat belts but increases their efficiency. Furthermore, since front airbags are not deployed in low-speed frontal impacts, side impacts, rear shunts or roll-overs, the passengers are protected only by the seat belts which must therefore be fastened at all times.*
119) *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.*

STARTING AND DRIVING

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

SWITCHING THE VEHICLE ON/OFF

The vehicle is fitted with an electronic motor lock device: if the motor fails to start, see the “Fiat CODE system” chapter in the "Knowing your vehicle” section .

Before starting the vehicle, adjust the seat, the interior rear view mirrors, the door mirrors and fasten the seat belts correctly. Never press the accelerator pedal to start the vehicle.

7)

The vehicle can only be started with the gear lever in N-H position.

❒ Set the e-shifter to the N-H (high position);

❒ press the brake pedal;

❒ turn the key in the ignition device to MAR and wait for the additional display to illuminate;

❒ turn the key to the AVV position, release it after 1 second and check that the "READY" warning light is lit on the instrument panel.

In this condition, the electric motor does not turn. This is the correct.

NOTE The vehicle can only move after fastening the seat belt and closing the front door on the driver's side.

DRIVING OFF IN THE VEHICLE

To move the vehicle, from the position N-H, press the brake pedal and move the lever to the D position to move forward or to R to engage reverse. The display will show the gear engaged. Releasing the brake pedal, without accelerator pressure, the vehicle will start to move forwards (lever in "D") or backwards (lever in "R"): This is called "creeping".

WARNING The inconsistency between the speed actually engaged (shown on the display) and the position of the e-shifter is indicated by the flashing letter on the display (also accompanied by an acoustic warning). This condition is not an operating anomaly. It is a request by the system to repeat the gear engagement manoeuvre (if the dedicated message appears on the display) or to put the e-shifter in N-H and restore correspondence between e-shifter and gear.

WARNING With the parking brake released, brake pedal released and e-shifter in position D or R, pay the utmost care because the vehicle can move even without the operation of the accelerator pedal. This condition can be used with the vehicle on a level surface during tight parking manoeuvres using the brake pedal only ("creeping" effect).

PEDESTRIAN ACOUSTIC WARNING SYSTEM

The vehicle is provided with a pedestrian acoustic warning system. This system uses different sounds to warn pedestrians of the approach of the vehicle. The acoustic warning system is equipped with a speaker in the motor compartment. The system is automatically activated when the motor is started and remains active as long as the vehicle is travelling at a speed of 25 km/h or less.

Any malfunction of the acoustic warning system is indicated by the yellow symbol on the display.

SWITCHING THE VEHICLE OFF

Whenever the vehicle is switched off, with any position of the e-shifter, the vehicle is automatically secured by locking the front wheels. This action, guaranteed up to 12% gradient, must absolutely not exclude the application of the parking brake. If the speed does not allow it, a warning message appears on the instrument panel display. See the "Parking Lock Function" paragraph in the "Parking" chapter in this section.

8)

IMPORTANT

7) *It is advisable not to demand maximum performance from your vehicle (e.g. excessive acceleration, long distances at high speeds, excessive intense braking, etc.) during the initial period of use.*
8) *When the vehicle is switched off, regardless of the position of the e-shifter, it is not braked by the motor. The brake is automatically applied to the front wheels but always applying the parking brake is compulsory.*

WHEN PARKED

120)

Proceed as follows when parking and leaving the vehicle:

❒ stop the vehicle and leave the wheels steered;

❒ stop the motor and engage the handbrake;

❒ always remove the ignition device.

If the vehicle is parked on a steep slope, it is advisable to block the wheels with a wedge or stone.

Holding the brake pedal pressed, apply the parking brake and then release the brake pedal.

GENERAL WARNINGS

❒ With the vehicle stationary and the e-shifting in position D or R, always keep the brake pedal pressed until you decide to set off, then release the brake and accelerate gently;

❒ during prolonged stops with the motor running, it is advisable to keep the e-shifter in neutral (N-H);

❒ do not use the accelerator to keep the vehicle stationary (e.g. when stopped facing uphill). Use the brake pedal instead and operate the accelerator only when you are ready to set off;

❒ if, with reverse gear (R) engaged, you have to engage (D) or vice versa, only do this when the vehicle is completely stationary and with the brake pedal pressed;

❒ for hill starts, accelerating gradually but fully straight after having released the handbrake or the brake pedal allows the motor to greatly increase the revolutions per minute and tackle steeper slopes with more torque at the wheels.

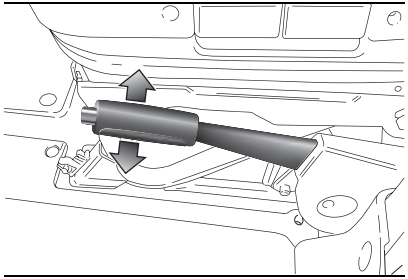
HANDBRAKE/PARKING BRAKE

Handbrake engagement: The handbrake lever is located to the left side of the driver's seat fig. 106. Pull the lever upwards to engage the handbrake and ensure that the vehicle does not move.

WARNING Make sure that the handbrake is engaged in such a way as to ensure the stationing of the vehicle, especially in the case of steep slopes and full load.

WARNING If this is not the case, contact a Fiat Dealership to have the handbrake adjusted. If the lever travel gets longer, contact a Fiat Dealership.

When the handbrake lever is engaged and the ignition key is in MAR position, the instrument panel warning light (!) will switch on.



106 F1A0162

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

Press the brake pedal when carrying out this operation to prevent the vehicle from moving accidentally.

WARNING Apply the handbrake only when the vehicle is at a standstill or with the vehicle in motion only in the event of a failure in the hydraulic system. If exceptional use is made of the handbrake with the vehicle in motion, moderate traction is advisable in order not to cause locking of the rear end with consequent swerving of the vehicle.

PARKING LOCK FUNCTION

The Parking Lock is a device that engages automatically and locks the front wheels when the vehicle is stationary whenever the vehicle is switched off and in any position of the e-shifter. The system activates the brake callipers when the vehicle is stopped and switched on by positioning the lever in the N-H position and opening the driver's door or releasing the driver's seat belt.

WARNING With the e-shifter in the N-H position, the front wheels of the vehicle will not be locked ("Parking lock" deactivated) if the seat belt is fastened and the front door on the driver's side closed.

WARNING Before leaving the vehicle, in addition to parking the vehicle with steered wheels, wedges or stones positioned in front of the wheels (on steep slopes), always ensure that the parking brake is applied correctly.

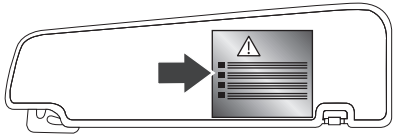
WARNING In case of failure of the Parking Lock function, the driver is responsible for brake activation more attractive parking in complete safety conditions.

WARNING Should the 12V battery of the vehicle be faulty, the battery must be replaced to unlock the Parking Lock.

⚠ 121) 122)

A slight movement of the brake pedal may be detected when the Parking Lock is engaged with the brake pedal pressed.

There is a label on the sun visor to remind you to apply the parking brake when the vehicle is stationary before leaving the driver's seat fig. 107.



107 F1A0519

WARNING

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

121) *In the case of parking manoeuvres on roads on a gradient, the front wheels must be steered towards the pavement (when parking downhill), or in the opposite direction if the vehicle is parked uphill. If the vehicle is parked on a steep slope, it is advisable to block the wheels with a wedge or stone.*

122) *Never leave children unattended in the vehicle. In addition, always remove the ignition key when leaving the vehicle and take it out with you.*

DRIVING THE VEHICLE (E-SHIFTER)

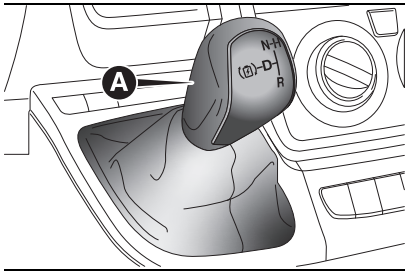
DISPLAY

108 F1A0521

The display shows the selected gear (R, N, D) in position (A) fig. 108.

⚠ 123) 124) 125) 122)

9)



109 F1A0520

The e-shifter (A) fig. 109 can be set to the following positions:

- ❒ **R** = Reverse
- ❒ **N-H** = Neutral/Hold
- ❒ **Central position** = D - Drive (automatic forward gear)
- ❒ **(Ⓟ)** = "eCoasting" mode. See the "eCoasting mode (energy saving)" chapter in this section.

R (Reverse) position

Select this position only with the vehicle at a standstill to engage the reverse gear.

To insert reverse, from N-H, it is necessary to press the brake pedal.

N-H (Neutral/Hold) position

Select this position to engage the neutral. The motor can be started with the lever in N-H position.

Engage position N-H in the case of prolonged stops with motor running. Also engage the parking brake.

It is recommended to engage this position before switching off the vehicle.

WARNING With the e-shifter in the N-H position, the front wheels of the vehicle will not be locked ("Parking lock" deactivated) if the seat belt is fastened and the front door on the driver's side closed.

Central position (D - Drive, automatic driving)

Use this position in forward conditions to select automatic driving mode.

MOTOR STARTING

The motor can only be started with the e-shifter in the N-H position. The system is therefore in the N-H position when the motor is started.

VEHICLE MOVEMENT

To move the vehicle, from the position N-H, press the brake pedal and move the e-shifter to the D position to move forward or to R to engage reverse. The display will show the gear engaged. When the brake pedal is released, the vehicle starts moving forwards or backwards, as soon as the manoeuvre is activated ("creeping" effect). The accelerator should not be pressed in this case.

NOTE The vehicle can only move after fastening the seat belt and closing the front door on the driver's side.

WARNING The inconsistency between the speed actually engaged (shown on the display) and the position of the e-shifter is indicated by the flashing letter on the display (also accompanied by an acoustic warning). This condition is not an operating anomaly. It is a request by the system to repeat the gear engagement manoeuvre (if the dedicated message appears on the display) or to put the e-shifter in N-H and restore correspondence between e-shifter and gear.

WARNING With the parking brake released, brake pedal released and e-shifter in position D or R, pay the utmost care because the vehicle can move even without the operation of the accelerator pedal. This condition can be used with the vehicle on a level surface during tight parking manoeuvres using the brake pedal only ("creeping" effect).

SWITCHING THE VEHICLE OFF

Regardless of the position of the e-shifter, the vehicle is not braked by the motor whenever it is switched off. The brake is automatically applied to the front wheels ("Parking Lock" function) but the parking brake must always be applied.

LEAVING THE VEHICLE

If the vehicle is left, it is always switch it off by turning the ignition device to the STOP position and applying the parking brake.

WARNINGS

Failure to comply with the following instructions may damage e-shifter:

❒ select position R (Reverse), or pass from R to another position only with the vehicle at a standstill;

❒ before engaging any gear position, R (reverse) or D (Drive), fully depress the brake pedal. If the brake pedal is not fully depressed the vehicle could rapidly accelerate;

❒ keep the brake pedal pressed while moving the e-shifter in a position different from N-H;

❒ unexpected movement of the vehicle can injure the occupants or people nearby. Before leaving the passenger compartment, always apply the parking brake, stop the motor and remove the key from the ignition device;

❒ when getting out of the vehicle, always remove the mechanical key from the ignition device and close all the doors. Do not leave children unattended inside the vehicle.

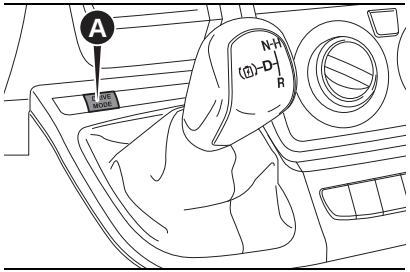
WARNING

123) *Always engage the parking brake when parking the vehicle to prevent injury or damage caused by the unexpected movement of the vehicle.*
124) *Do not put the e-shifter in N-H and to drive downhill. This type of driving is dangerous and reduces the possibility of intervening in the case of variation of the road traffic or surface. You risk losing control of the vehicle and causing accidents.*
125) *Engage reverse only with the vehicle stationary and accelerator fully released.*
126) *Never leave children unattended in the vehicle. In addition, always remove the ignition key when leaving the vehicle and take it out with you.*

IMPORTANT

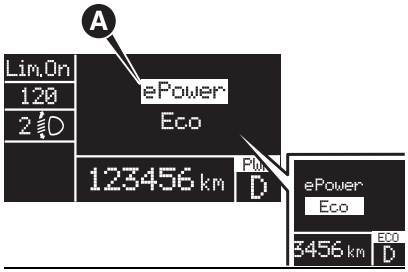
9) *Also engage the parking brake.*

"DRIVE MODE" FUNCTION



110 F1A0516

The Drive Mode function can be used to set three different driving modes ("vehicle response") according to the driver's needs and road conditions: "Normal", "e-Power" or "Eco".
The mode is selected by pressing button (A) fig. 110 on the dashboard.
The selected mode is displayed on the instrument panel display (A) fig. 111.
"e-POWER" mode: the vehicle has no performance limitations and may be driven fast using all the power and torque of the traction system, up to a maximum speed of 100 km/h for vehicles with a GVW of 35 q and 90 km/h for vehicles with a GVW of 42.5 q.
"NORMAL" mode: the vehicle has a slight limitation in acceleration, the speed is limited to 90 km/h. It also offers comfortable handling characterised by a smoother response to accelerator pedal pressure.
The vehicle is automatically set to "NORMAL" mode whenever it is started. The mode is not shown on the display.
"ECO" mode: acceleration of the vehicle is limited, the top speed is 80 km/h. "ECO" mode significantly helps to adopt a driving style aimed at maximum efficiency and maximises the range of the vehicle.



111 F1A0688

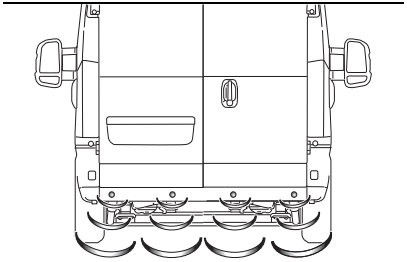
The system automatically sets to "Normal" mode when the vehicle is started.

FAULT INDICATIONS

In the event of a fault in the system or selector, mode change is automatically disabled. The system will automatically switch to "Normal" mode.

PARKING SENSORS

These are located in the rear bumper of the vehicle fig. 112 and their function is to inform the driver, through an intermittent acoustic warning, about the presence of obstacles behind the vehicle.



112 F1A0134

ACTIVATION

The sensors are automatically activated when reverse gear is engaged. As the obstacle behind the vehicle gets closer to the bumper, the frequency of the acoustic warning increases.

ACOUSTIC WARNING

When reverse gear is engaged an intermittent acoustic warning is automatically activated.
The acoustic warning:
❒ increases as the distance between the vehicle and the obstacle decreases;

❒ becomes continuous when the distance between the vehicle and the obstacle is less than 30 cm and stops immediately if the distance increases;
❒ it remains constant if the distance between vehicle and obstacle remains unchanged; if this situation concerns the side sensors, the buzzer will stop after about 3 seconds to avoid, for example, warning indications in the event of manoeuvres along walls.
If several obstacles are detected by the sensors, only the nearest one is considered.

FAULT INDICATIONS

Any parking sensor faults will be indicated when reverse is engaged by the warning light ⚠ in the instrument panel or by the icon P on the display and by the message in the display (for versions// markets, where provided).

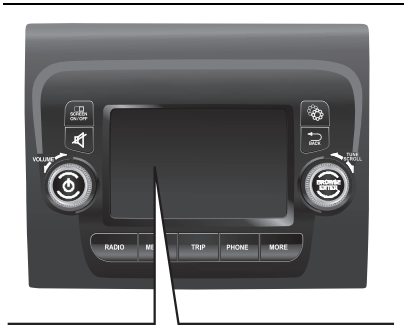
When using special washing equipment such as high pressure jets or steam cleaning, clean the sensors very quickly keeping the jet more than 10 cm away.

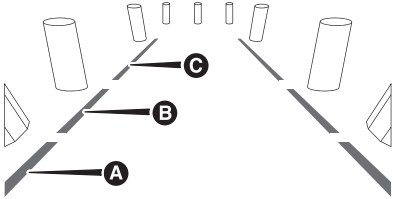
GENERAL WARNINGS

❒ Do not apply stickers to the sensors.
❒ When parking, take the utmost care over obstacles that may be above or under the sensor.
❒ Objects close to the vehicle, in certain circumstances are not detected and could therefore cause damage to the vehicle or be damaged.
The following conditions may influence the performance of the parking assistance system:
❒ Reduced sensor sensitivity and a reduction in the parking assistance system performance could be due to the presence on the surface of the sensor of: ice, snow, mud, thick paint.
❒ The sensor may detect a non-existent obstacle (echo noise) due to mechanical noises, for example when washing the vehicle, in case of rain, strong wind, hail.
❒ The warnings sent by the sensor can also be altered by the presence of ultrasonic systems (e.g. pneumatic brakes of trucks or pneumatic drills) near the car.
❒ The performance of the parking assistance system may also be affected by the position of the sensors. For example by a change in the ride setting (caused by the wear of the shock absorbers, suspension), changing the tyres, overloading the vehicle and carrying out specific tuning operations that require the vehicle to be lowered.
❒ Detection of obstacles in the upper part of the vehicle (particularly in the case of vans or chassis cabs) may not be guaranteed because the system detects obstacles that could strike the lower part of the vehicle.

REAR CAMERA (PARKVIEW® REAR BACK UP CAMERA)

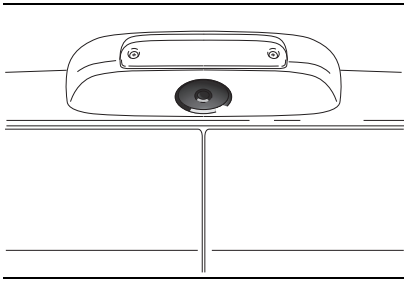
eLUM
(for versions/markets, where provided)
127)
10)
The vehicle may be equipped with a ParkView® Rear Back Up Camera, which allows the driver to see the surrounding area behind the vehicle on the display whenever the e-shifter is set to reverse or the tailgate is opened fig. 113.





113 F1A0479

The camera is installed in a plastic support on the rear crossmember of the roof, which also includes the third brake light fig. 114.



114 F1A0107

SYMBOLS AND MESSAGES ON THE DISPLAY

When displayed, the static line grid shows the width of the vehicle.
The grid shows separate areas, allowing you to see the distance from the rear of the vehicle.
The table below shows the approximate distances for each area:

Zone (see figure)	Distance from the rear of the vehicle
Red (A)	0 - 30 cm
Yellow (B)	30 cm - 1 m
Green (C)	1 m or more

IMPORTANT NOTES

WARNING In some circumstances, such as with ice, snow or mud on the surface of the camera, its sensitivity may be reduced.

WARNING If the rear doors need to be re-painted after the repairs, make sure the paint does not get in contact with the plastic support of the camera.

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

WARNING

127) *The responsibility for parking and other manoeuvres is always and in any case charged to the driver. 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

10) *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.

TRAFFIC SIGN RECOGNITION

eLUM

(for versions/markets, where provided)

128) 129) 130) 131)

11) 12) 13) 14) 15) 16) 17)

The system automatically detects the recognisable traffic signs: speed limits, no overtaking signs and signs indicating the end of such prohibitions. The camera is fitted behind the internal rear view mirror. The sensor always checks the traffic signs indicating the current speed limit and possible no overtaking signs.

WARNING The system is designed to read signs complying with the specifications of the Vienna convention.

USE OF THE TRAFFIC SIGN RECOGNITION

System switching on and off

The system can be activated/deactivated using the display menu. Refer to the “Display” chapter in the “Knowing the instrument panel” section.

NOTE The system state and settings do not change throughout the various on-off cycles.

115 F1A0373

WARNING

128) *If the camera loses its position due to a load variation, the system may not work temporarily to allow the camera to perform an auto-calibration.*

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

130) *The system is a driving assistance system but it does not relieve the driver of the responsibility of driving with due attention and diligence in compliance with the laws in force.*

131) *When the system is active, the driver is responsible for controlling the vehicle and monitoring the system, and must intervene as appropriate if necessary.*

IMPORTANT

11) *If the sensor is obstructed the system may not work.*

12) *At low temperatures and in particularly adverse weather conditions, the system may not work.*

13) *Rain, snow, splashes and strong light contrast may influence the sensor.*

14) *Do not repair the area of the windscreen directly surrounding the sensor.*

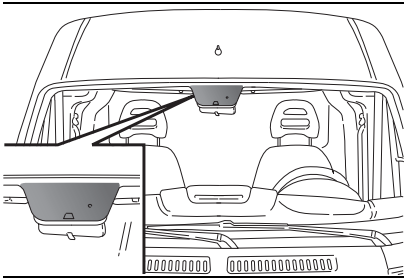
15) *If the vehicle is equipped with a non-genuine suspension kit, the system may not work correctly.*

16) *Always use genuine spare parts when replacing the bulbs of the headlights. Other bulbs may reduce the system performance.*

17) *Clean the windscreen from foreign matters such as bird droppings, insects, snow or ice.*

FULL BRAKE CONTROL SYSTEM

132) 133) 134) 135) 136) 18) 19) 20) 21) 22) 23)
(for versions/markets, where provided)
This is a driving assist system consisting of a camera mounted in the middle of the windscreen fig. 116.



116 F1A0998

In the event of an imminent collision the system intervenes by automatically braking the vehicle to prevent the impact or reduce its effects.
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 vehicle and mitigate the potential frontal accident (automatic braking).
If intervention by the driver on the brake pedal is detected but not deemed sufficient, the system may intervene in order to improve the reaction of the braking system, therefore reducing vehicle speed further (additional assistance in braking stage).

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

Engagement / disengagement

Full Brake Control can be turned off (and then on again) using the **Uconnect™** system (where provided) (see relevant section), or from the instrument panel (see relevant paragraph).
The system can be turned off even with the ignition device in MAR position.

The system can be set to two activation levels:
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 deactivated: the system does not provide visual and acoustic warnings, limited braking, automatic braking or additional assistance in braking stage. The system will therefore provide no indication of a possible accident.

Activation / deactivation

If the Full Brake Control system has been correctly activated, it will be active each time the engine is started.
The system is deactivated if this is selected on the instrument panel or **Uconnect™** system menu.
Following a deactivation, the system will not warn the driver about the possible accident with the preceding vehicle, regardless of the setting selected.
The system activation status will not be kept in the memory when the motor is switched off: if the system is deactivated when the motor is switched off, it will be active when it its next started.

After a deactivation, the system can be reactivated from the **Uconnect™** system or instrument panel menu.

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

The system is only active if:

❒ it has been activated correctly;
❒ it has not been deactivated using the instrument panel or **Uconnect™** system menu;
❒ the ignition device is at MAR;
❒ the vehicle speed is greater than 5 km/h.

Changing the system sensitivity

The sensitivity of the system can be changed through the **Uconnect™** system or instrument panel 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 "Med". With this setting, the system warns the driver of a possible collision with the vehicle in front when that vehicle is at a standard distance, between that of the other two settings.

This setting offers the driver reaction time longer than that of the "Near" setting but shorter than that of the "Far" setting in the event of a potential accident.

By setting system sensitivity to "Near", the system warns the driver of a possible accident with the vehicle in front when that vehicle is a short distance away.

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.

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

Function temporarily not available warning

If the warning light comes on and the dedicated message is displayed, a condition temporarily disabling operation of the system may have occurred. The main possible causes of this temporary blinding are weather-related (heavy rain, fog, sun low down on the horizon, etc.).

Although the vehicle can still be driven in normal conditions, the system may be temporarily not available.

When the conditions limiting the system functions end, this will go back to normal and complete operation. Should the fault persist, contact a Fiat Dealership.

Warning of system disabling due to an obstruction

If the dedicated message is displayed, a condition disabling operation of the system may have occurred. The possible cause of this disabling is a camera obstruction. If an obstruction is signalled, clean the area of the windscreen indicated in fig. 116 and check that the message has disappeared.

Although the vehicle 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. Should the fault persist, contact a Fiat Dealership.

System Fault Message

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

In this case, it is still possible to drive the vehicle, but you are advised to

contact a Fiat Dealership as soon as possible.

Driving in special conditions

In certain driving conditions, such as, for example:

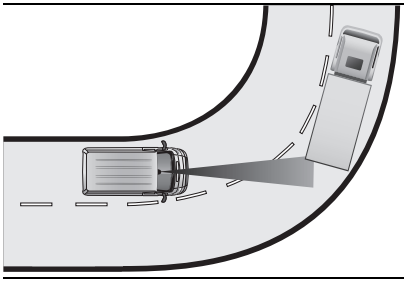
- driving close to a bend;
- vehicles with small dimensions and/or not aligned in the driving lane;
- lane change by other vehicles;
- vehicles travelling at right angles to the vehicle.

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

WARNING In particularly complex traffic conditions, the driver can deactivate the system manually through the **Uconnect™** system or the instrument panel.

Driving close to a bend

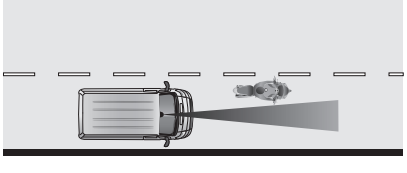
When entering or leaving a wide bend, the system may detect a vehicle that is in front of you, but that is not driving in the same lane fig. 117. In cases such as these, the system may intervene.



117 F1A0997

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

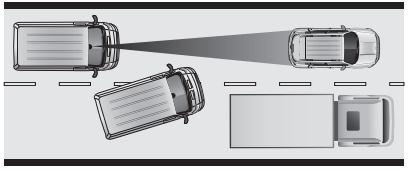
The system cannot detect vehicles in front of you but outside the camera's field of vision and may therefore not react in the presence of small vehicles, such as motorbikes.



118 F1A0996

Lane change by other vehicles

Vehicles suddenly changing lane, entering the same lane as your vehicle and this moving into the camera's field of vision, may cause the system to intervene fig. 119.



119 F1A0995

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.

In case of complex scenarios, unexpected or unnecessary warnings or braking may occur.

WARNING

132) *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.*
133) *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.*
134) *If the driver depresses the brake pedal fully or carries out a fast steering during system operation, the automatic braking function may stop (e.g. to allow a possible manoeuvre to avoid the obstacle).*
135) *The system intervenes on vehicles travelling in the same lane. People, animals and things (e.g. pushchairs) are not taken into consideration.*
136) *If the vehicle 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 vehicle, a wall or another obstacle), the system may detect its presence and activate. Therefore, in this case the system must be deactivated.*

IMPORTANT

18) *The system may have limited or absent operation due to weather conditions such as: heavy rain, hail, thick fog, heavy snow.*
19) *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 vehicle.*
20) *Operation can be adversely affected by any structural change made to the vehicle, such as a modification to the front geometry, tyre change, or a heavier than standard load of the vehicle.*
21) *Incorrect repairs in the zone where the camera is mounted may interfere with its field of vision and reduce its performance (e.g. application of fillers or glues to remove scratches). Go to a Fiat Dealership for any operation of this type.*
22) *Do not tamper with nor operate on the camera on the windscreen. In the event of a sensor failure, contact a Fiat Dealership.*
23) *During loading on a car carrier (or inside a transporter vehicle), the system must be deactivated.*

CHARGING

137)
24) 25) 26) 27) 28) 29) 30) 31) 32) 33)
Before charging the high-voltage battery, it is recommended to turn the ignition device to STOP and to lock the doors using the remote control (where provided) or the mechanical key to obtain a charge until full in the shortest period possible.
With the door open or closed but not locked, charging will start after about 1 minute.

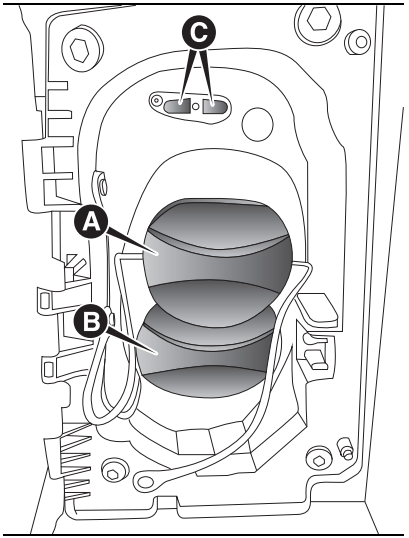
WARNING The brake calliper lock is activated during the charging procedure: unlocking will be carried out automatically at the end of the charging procedure. However, we recommend that you always apply the parking brake before leaving the vehicle.

CHARGING PORT ON THE VEHICLE

120 F1A1057

To access the charging port, open the charging flap fig. 120 by pressing on the area indicated by the arrow.
Remove the protective covers fig. 121before inserting the charging connector:

❒ (A) for connecting the Mode 2 cable;
❒ first (A) and then (B) for Mode 3 and 4 cables.



121 F1A0544

Charging port LED

Near the charging port there are some LEDs (C) fig. 121 which indicate the state of charge by means of four different colours and related flashing types:

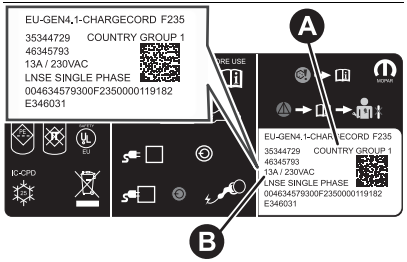
❒ Flashing white: this indicates that the system is preparing or that the recharging is ending. If recharging is ended manually, wait for the steady white LEDs to appear before unplugging the cable.

❒ Fixed white: this indicate that the system is ready for charging or that charging is complete and the cable can be unplugged.
❒ Flashing green: during the charging process, the frequency increases as the charging process reaches 100%.
❒ Green fixed: this indicates that the charging process is complete.
❒ Flashing blue: this indicate that a scheduled charging operation has been set. The LEDs turn off after about 2 minutes and then flash for 5 minutes before the scheduled starting time.
❒ Red fixed: this indicates a charging system failure or when there is a fault in the charging procedure (when the charging connector is connected to the charging port located on the vehicle and the cable has not been previously connected to the power socket).

WARNING If charging is interrupted from the charging column, the LEDs will flash white to indicate that the charging system is being checked. To unlock the charging port and pull out the cable, refer to the "Locking/unlocking the charging port" paragraph below.

WARNING Use only the charging cable supplied with vehicle. Refer to the label on the control unit charging cable,

which indicates the "Country Group" (A) fig. 122 and the electrical current intensity (Ampere) (B) and the table "Mode 2" Cable Variants in the "Power sources that can be used" paragraph) or a replacement cable recommended by FCA.



122 F1A1058

Symbol labels

On the inside of the charging port flap there are labels with the following warnings and indications that must be checked and observed when charging the high-voltage batteries.

On the label, fig. 123, there are the following symbols:

indicates a risk of electric shock.

indicates a general dangerous situation.

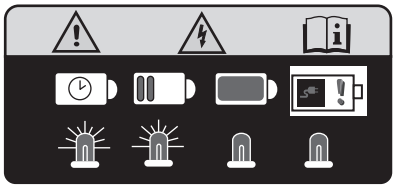
indicates to refer to the descriptions and figures in this supplement.

indicates that a charging timer has been set.

indicates that the charging procedure is in progress.

indicates that the charging procedure is complete.

indicates that there is a fault in the charging procedure.



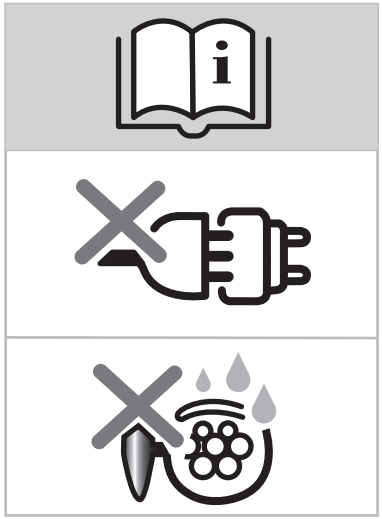
123 F1A1059

On the label, fig. 124, there are the following symbols:

indicates to refer to the descriptions and figures in this supplement.

indicates to not use extension cables and/or adapters to carry out the charging procedure.

indicates that water should not come into contact with the charging port on the vehicle.



124 F1A0510

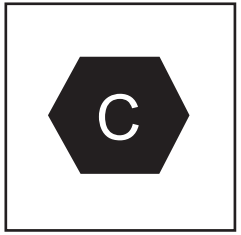
Power sources for electric charging. Identification of vehicle compatibility. Graphic symbol for consumer information in accordance with EN17186:2019.

The symbols shown below make it easier to recognise the correct power source type to use when charging your car.

Before charging, check the symbol (where provided) inside the charging port flap and compare it with the symbol on the charging cable (where provided).

Symbol for electrically powered vehicles:

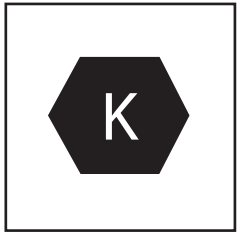
Symbol on the cable charging connector (vehicle side) for Mode 2 and Mode 3 cables and on the charging port flap



125 F1A0717

AC (alternating current) charging in the home or at a charging station (≤ 480 V RMS).

Symbol on the cable charging connector (vehicle side) for the Mode 4 cable and on the charging port flap

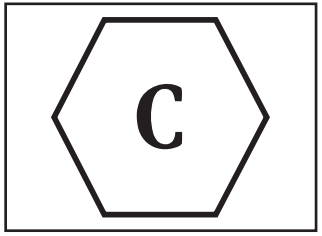


126 F1A0718

DC (direct current) charging at a charging station (50–500 V).

Symbol on the cable charging connector (charging station side) for the Mode 3 cable and on the charging station

Before charging, check the symbol (where provided) on the charging cable and compare it with the symbol on the charging cable (where provided).



127 F1A0725

AC (alternating current) charging at a charging station (≤ 480 V RMS).

Locking/unlocking the charging port

The charging port on the vehicle is blocked through:

1) Locking the front doors with the remote control

2) Locking the front doors with the mechanical key

3) After about 1 minute if the doors are not locked

The socket is unlocked by:

1) Unlocking the front doors with the remote control
2) Unlocking the front doors with the mechanical key
3) By switching the key to the MAR position if the doors are not locked
4) Charging cable emergency unlock procedure. See "Charging cable emergency unlock" in this section.

WARNING

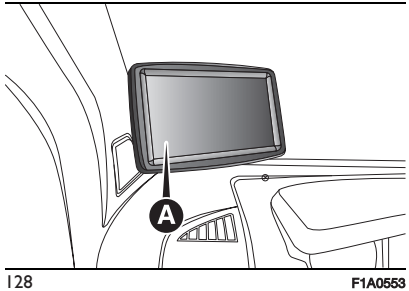
137) *To reduce the risk of electric shock or damage to the device, special care should be taken when cleaning: ALWAYS unplug the device from the domestic power supply socket and the charging ports of the vehicle.*

IMPORTANT

24) *Do not charge if the external temperature is -30°C or lower, as charging is likely to take longer and the charging device may be damaged.*
25) *Do not leave the vehicle or the charging cable in areas where the external temperature is below -40°C as they may be damaged.*
26) *In cold temperatures, the charging cable may become stiff. Therefore, be careful not to apply excessive force to the charging cable as it may be damaged.*
27) *Do not use personal generators to charge the high-voltage batteries. This may cause fluctuations in charging and the voltage may be insufficient, resulting in damage to the vehicle system.*
28) *Charging the high-voltage batteries using incorrect or damaged sockets, or charging cables and not following the prescribed charging procedures may cause short circuits, fire and potential risk of damage to the electrical system of the vehicle.*
29) *Avoid leaving the batteries for several days with the charge indicator at or near zero. The high-voltage batteries may be damaged.*
30) *You do not need to wait until the battery level is low to recharge. The performance of the batteries is optimal when they are charged regularly.*
31) *Charging the high-voltage batteries may take longer if the temperature of the high-voltage batteries is high or low.*
32) *During charging, especially with fast charging, battery cooling components may be activated (e.g. the climate control compressor and the fans). Therefore, it is normal to hear noises during this operation.*
33) *Whenever possible, leave the vehicle connected to the power source for at least 40 minutes after the high-voltage batteries have reached 100% charge.*

CONTROL UNIT

The control unit (A) fig. 128 displays and allows the user to interact with the electrical functions of the vehicle by programming and setting the high-voltage battery charging.

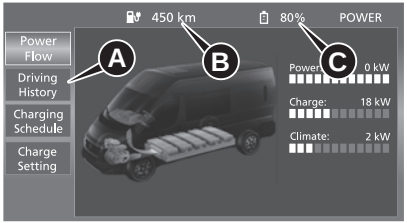


128 F1A0553

Through the menu of the instrument panel or **Uconnect™** system (where provided) the user can select the desired language from those available and the unit of measurement (km or mi).
On the main screen the user can interact through the various functions (A) fig. 129:
❒ Energy Consumption
❒ Driving history
❒ Charging Schedule
❒ Charge Settings
The following are shown on the top:
❒ in the middle: remaining range in km/mi (B) and the charge level of the

high-voltage batteries in percentage (C);
❒ on the right: the selected driving mode (ECO, e-POWER), if different from NORMAL. NORMAL mode is automatically active when the motor is started.

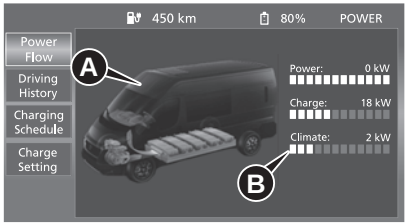
WARNING The flashing red battery image indicates that one of the high-voltage batteries has been momentarily disconnected from the power supply. You can continue driving in this case but the range will be reduced. It is advisable to perform a full recharge and if the message does not disappear, contact the Fiat Dealership as soon as possible.



129 F1A0668

ENERGY CONSUMPTION

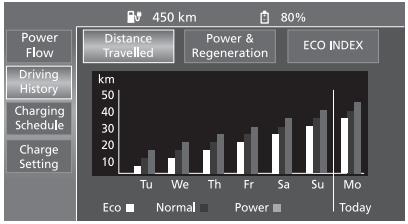
The "Energy Consumption" (fig. 130) page shows the vehicle with the dynamic flows to indicate the components involved in electricity consumption (A): motor, high-voltage batteries and climate control system. The flows are indicated by coloured arrows placed between the components involved. The arrows are blue when involved in regeneration and orange when involved in consumption.
Three bars are displayed on the right side of the screen (B):
❒ Power: the grey notches indicate the maximum power that can be delivered in optimal vehicle conditions, the shaded coloured notches indicate the power available at the moment, the brightly coloured notches indicate the real power delivered instantaneously whose numerical value is shown in kW.
❒ Recharging: the grey notches indicate the maximum power that can be regenerated in optimal vehicle conditions, the shaded coloured notches indicate the regenerating power, the brightly coloured notches indicate the real power regenerated instantaneously whose numerical value is shown in kW.
❒ Climate: the grey notches indicate the maximum power available for air conditioning, the coloured marks indicate the real power absorbed instantaneously by the air conditioning system, whose value is expressed in kW.



130 F1A0675

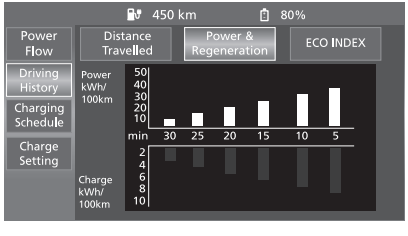
DRIVING HISTORY

Select the "Driving History" button to show the following contents:
❒ **Distance Travelled** (fig. 131): select the corresponding item to display a bar graph showing the km (or miles) driven in each "ECO", "NORMAL" and "POWER" driving mode (in three different colours) during each day of the week. The last day on the right is always the current day. If you have not driven in a driving mode on a day, the respective column is not shown.



131 F1A0669

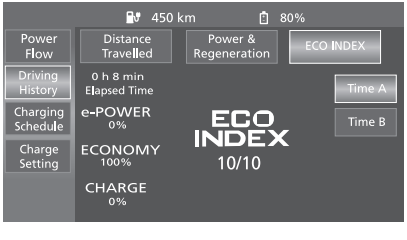
❒ **Power and Regeneration** (fig. 132): select the corresponding item to display a bar graph showing the energy kWh/100km (or kWh/mi) consumed and regenerated in the last 30 minutes. The upwards bars indicate consumption ("Power"), the downward bars indicate charging ("Charge"). The past time "Min" (last 30 minutes in 5-minute increments) and the energy scale are also displayed. If the user has not consumed or regenerated anything, no bars are displayed on the power graph.



132 F1A0676

❒ **ECO INDEX** (fig. 133): selecting this item to display information about the current driving mode. The driver is given the opportunity to view two different missions: Time A which resets automatically each time the motor is restarted, Time B which resets with an action by the driver. All screens show the following information:

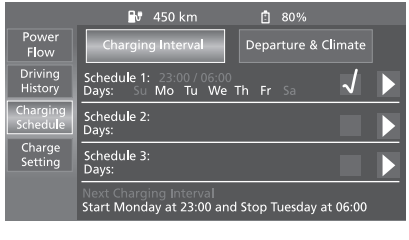
- Total elapsed time since last reset
- "e-POWER": percentage of time spent in "e-POWER" mode
- "ECONOMY": percentage of time spent in "ECO" mode
- "CHARGE": percentage of the total time spent in regeneration using the "eCoasting" and "eBraking" functions
- "ECO INDEX": this indicator useful to improve your driving behaviour (rated on a scale from 1 to 10) to optimise the high-voltage battery energy use, maximise the range and reduce the running costs of the vehicle (see the "Dashboard and instrument panel" chapter in the "Knowing the instrument panel" section).



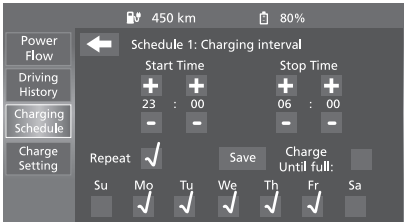
133 F1A0677

CHARGING SCHEDULE

This function can be used to program the recharging and/or climate control system of the vehicle at a given time. To set one or more charging frequencies for the high-voltage batteries, press the button ▶ on the "Charging frequency" (fig. 134) screen. On the next page (fig. 135) you can schedule the start and end of charge time using the "+" and "-" buttons above the hour and minute digits (the interval between the current time and the charging time must be less than 24 hours). Alternatively, you may not define an end of charging time and fully charge the high-voltage batteries selecting "Charge Until Full". You can choose to repeat the schedule on the desired days of the week using the "Repeat" function and then select the desired days. If no repetition is selected, charging will only start once at the set start time.



134 F1A0678



135 F1A0679

At the end, confirm the scheduling by pressing the "Save" button. You can cancel the scheduling before confirmation by returning to the previous screen using the button ⇦.

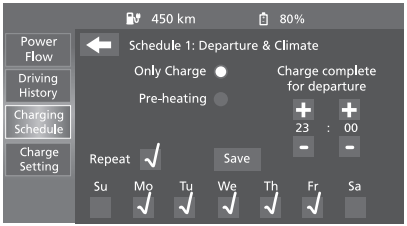
The next charging interval is shown on the bottom of the fig. 134 screen.

You can select multiple schedule with a tick √ to start them independently. All inactive schedules are displayed in grey.

To set a departure time by which to have the high-voltage batteries charged and the heated/cooled passenger compartment, press button ▶ on the "Departure and climate control" screen. On the next page (fig. 136) you can schedule the time by which the high-voltage batteries of the vehicle must be charged (and the air conditioning system, if applicable) using the "+" and "-" buttons located above the hour and minute digits. You can choose to repeat the schedule on the desired days of the week using the "Repeat" function and then select the desired days. If no repetition is selected, charging will only start once.

Select the "Recharge only" item if you want to program recharging only. If, on the other hand, you also wish to set the passenger compartment comfort, select "preheating" or "precooling".

At the end, confirm the scheduling by pressing the "Save" button. You can cancel the scheduling before confirmation by returning to the previous screen using the button ⇦.



136 F1A0680

NOTE Preheating and precooling are activated if the vehicle is plugged into the charging socket.

The lower part of the screen fig. 134 shows the next charging interval or the next departure time and whether or not automatic starting of the climate control system is programmed.

You can select multiple schedule with a tick √ to start them independently.

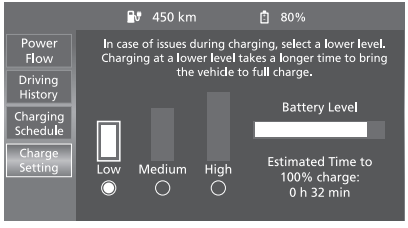
By turning the ignition device to the OFF position, the display shows the next scheduled charging or charging with climate control system setting allowing you to choose whether to charge the high-voltage batteries immediately or wait for the scheduled operation.

NOTE In the case of two or more overlapping charging intervals, the first one is performed (if the start time has not already elapsed). In case of overlaps a scheduling with "Charging frequency" (from start time to end time) with a programming of "Full charge for departure", the system will privilege the second scheduling attempting to take the first one into account if possible.

CHARGE SETTINGS

The "Charge settings" graphic button (fig. 137) can be used to select the preferred ampere rating level for charging high-voltage batteries. The screen will show the state of charge of the high-voltage batteries as a percentage, the estimated time at the end of the charging procedure and the three columns indicating the three selectable charging levels. When the charging power level changes, the estimated time is updated. A message

reminds you that the charging time decreases with higher charging levels.



137 F1A0681

When the vehicle is plugged into the mains power supply, several pop-ups will appear on the display giving information about the charging progress (estimated time for full charge, battery level and range, etc.).

POWER SOURCES THAT CAN BE USED

138) 139) 140) 141) 142) 143) 144) 145) 146) 147) 148) 149) 150) 151) 152) 153) 154) 155) 156) 157) 158) 159) 160) 161) 162) 163) 164)

34)

GENERAL INFORMATION

The high-voltage batteries of the vehicle can be charged using special charging cables:

❒ connecting to the charging port located on the rear left side of the vehicle to the charging ports in public charging stations;

or

❒ to the domestic socket.

The charging procedure control and monitoring takes place in a fully automatic way.

NOTE When connected to any type of domestic power socket, the vehicle will not be able to automatically recognise the maximum permissible current intensity according to the type of socket used and the regulations in force in the country in which you are located (e.g. current overloads). Reduce the maximum charging current required by using the "Charge settings" function on the Control Unit on the dashboard (for more information, refer to the "Control unit" chapter in the "Multimedia" section). Before charging in your own home, or elsewhere, check the allowable current intensity by contacting a specialized technician: it is advisable to contact the Fiat Dealership. In case of problems (e.g. current overloads) reduce the charge level.

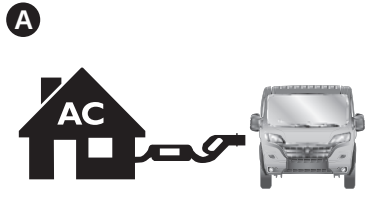
TYPES OF CHARGING CABLES

Three different types of cables can be used for charging according to the version and/or market:

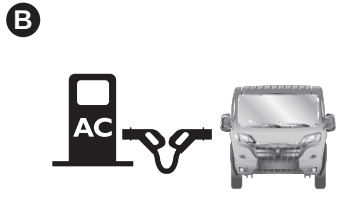
❒ "**Mode 2**" (A) fig. 138 cable: this can be used to charge from an earthed domestic power socket. Domestic power sockets are used for charging with alternating current. The "Mode 2" charging cable complies with IEC 61851, IEC 62752 and SAE J1772 standards.

❒ "**Mode 3**" (B) fig. 139 cable: this allows charging from a public charging station and a domestic AC (alternating current) charging station (wallbox charging station). The charging speed may be faster than charging through a domestic power socket.

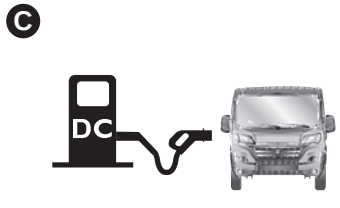
❒ **"Mode 4" – Fast Charge** (C) fig. 140Charging cable: this allows charging from public charging sockets marked as DC (direct current).



138 F1A1050



139 F1A1051



140 F1A1052

"MODE 2" CHARGING CABLE

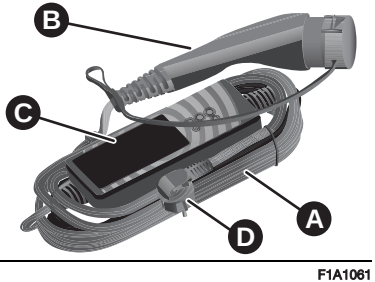
The vehicle can be equipped with a 230 Volt AC**"Mode 2**" charging cable (A) fig. 141 located inside a special container. The cable consists of:

❒ specific charging connector (B) for connection to the vehicle;

❒ a charge status control unit (C) equipped with LEDs, able to provide indications on any anomalies present during the charging phase;

❒ a connection plug (D) to connect to the domestic power socket.

NOTE After use, remember to correctly replace the protective cover (where provided) on the specific charging connector (B) to prevent moisture and/or dust from getting inside.



141 F1A1061

WARNING

138) *Always stop the electric motor by moving the ignition device to the STOP position before charging the high-voltage batteries. Even with the motor switched off, the cooling fan inside the motor compartment can start automatically during charging. Do not approach the cooling fan while charging.*

139) *The safety and suitability of the domestic system for charging through the domestic mains are primary and are under the Customer's responsibility.*

140) *Do not connect the charging cable connector if there is dust and/or water on the charging port. Making the connection in the presence of water or dust on the connector cable and the plug may cause a fire or electric shock. Use of worn-out electrical sockets may result in fire and injury.*

141) *If you use electrical medical devices (e.g., cardiac pacemakers), make sure in advance that charging the high-voltage batteries does not affect the operation of these devices. In some cases, electromagnetic waves generated by the charger may affect the operation of such medical devices.*

142) *Stop the charge immediately if you notice any abnormal symptoms (e.g. smell, smoke, etc.).*

143) *Replace the charging cable if the cable jacket is damaged to prevent risk of electrocution.*

144) *When connecting or removing the charging cable, be sure to grasp the handle of the charging connector and the charging plug. If you pull the cable directly*

(without using the handle) the internal conductors may disconnect or damage: this may cause a shock or fire.

145) *The charging cable is a high-voltage conductor. Contact with high-voltage can cause serious personal injury or death. Similarly, do not touch the orange high-voltage cables.*

146) *It is strictly forbidden to use any plug adapter or similar devices when charging. Never use the charging cable together with an extension cable.*

147) *Never connect the charging cable to an extension cable or multiple socket. Multiple sockets, extension cables, overvoltage protection or similar units cannot be used together with the charging cable as they may present a risk of fire, electrocution, etc.*

148) *The charging cable supplied as standard is watertight and is guaranteed by the Manufacturer: do not use other cables not supplied by FCA.*

149) *Be sure not to touch the charging connector and charging plug with wet hands.*

150) *Do not charge when the connector and charging plug are wet.*

151) *Do not charge in adverse weather conditions (e.g. during thunderstorms) at charging stations.*

152) *Always keep charging connector and charging plug clean and dry. Take care to keep the charging cable away from water or moisture. Do not use chemicals or solvents.*

153) *Be sure to use the designated charging cable to charge the vehicle. Using any other charger may cause personal injury or damage to the vehicle.*

154) *How to use the charging cables. Treat the charging cable with care: avoid folding and/or bending it on sharp surfaces. After using the charging cable, replace the protective covers (if present) on both sides of the cable correctly. Avoid prolonged exposure of the charging cable to sunlight. Avoid dropping the charging cable from above: violent shocks could damage the cable. Do not immerse the charging cables in liquids.*

155) *Take care not to drop the charging connector. The charging connector could be damaged.*

156) *Do not leave children unattended in the vicinity of the charging cable when it is connected.*

157) *Position the charging cable in such a way that it is not crushed by other cars, trampled on by people, or positioned in way that people in the vicinity of the vehicle may stumble, resulting in damage or personal injury.*

158) *Disconnect the charging cable from the domestic socket or charging station or wallbox charging station before cleaning it.*

159) *Do not use the charging cable if it has damaged parts.*

160) *Never disconnect the charging cable from the domestic power socket or public charging station during charging. Always interrupt charging, then disconnect the cable, first from the vehicle-side charging port and then from the domestic power socket or public charging station.*

161) *Never use a visibly worn or damaged electrical socket. It could cause fire or serious damage.*

162) *The high-voltage batteries must be charged with the maximum allowable current or other lower current specified in local and national recommendations for charging high-voltage batteries.*

163) *The device is to be used exclusively for charging the vehicle.*

164) *Never attempt to make a repair and/or perform maintenance on the charge cables, this may result in serious personal injury or even death. Always go to a Fiat Dealership.*

IMPORTANT

34) *It is suggested to recharge the high-voltage batteries with a state of charge of less than 20% in the presence of low external temperature.*

"Mode 2" cable variants table

The following table shows the list of the specific cable types and the amperages allowed for each country where the vehicle is sold. This ampere rating is the limit allowed when the charging power is set to the highest level.

Country group (*)	Electric vehicle charging connector type	Electric current intensity (Ampere)	Type of domestic power socket (**)	Cable length (metres)	Notes
1	Type 2	13	CEE 7/7	6	–
2		10	G		–
3		8	CEE 7/7		–
4		8	J		–
5		6	K		–
6		10	CEE 7/7		Specific cable for Norway market

(*) The Country Group is indicated by the message "COUNTRY GROUP" on the label fig. 122located on the rear of the control unit on the charging cable.

(**) Refer to the following pages for the type of power socket/plug.

NOTE To check the maximum electric current (Ampere) that can be consumed, refer to the label located on the back of the control unit on the charging cable (see that described and illustrated in the "Charge status control unit" paragraph).

Table of socket/plug variants for "Mode 2" cable

The following table shows the list of countries contained in each "Country Group" associated with the "Mode 2" cable.
Refer to the images on the following page for more details.

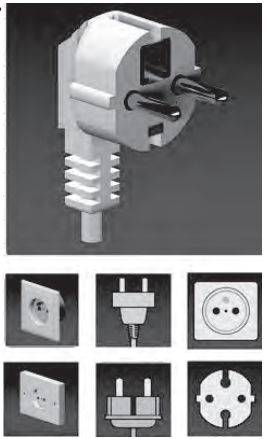
Country Group	Country
1	Albania
	Austria
	Belgium
	Bulgaria
	Croatia
	Czech Republic
	Estonia
	Germany
	Greece
	Hungary
	Iceland
	Latvia
	Lithuania
	Luxembourg
	Macedonia
	Morocco
	Netherlands

Country Group	Country
1	Poland
	Portugal
	Romania
	Serbia
	Slovakia
	Slovenia
	Spain
	Sweden
	Italy
	Ukraine
	Turkey
2	Cyprus
	Gibraltar
	Malta
	United Kingdom, Ireland
3	France
	Finland
	Guadeloupe
	French Guiana

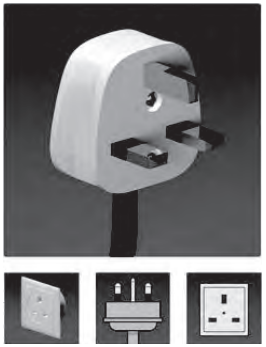
Country Group	Country
3	Martinique
	Reunion
4	Liechtenstein
	Switzerland
5	Denmark
6	Norway

NOTE For more information on the type of socket in use in the various countries, refer to the following website: https://www.iec.ch/worldplugs/list_bylocation.htm.

CEE 7/7



G



142

J

K

F1A1078

CHARGE STATUS CONTROL UNIT

⚠ 165) 166)

Signal LED

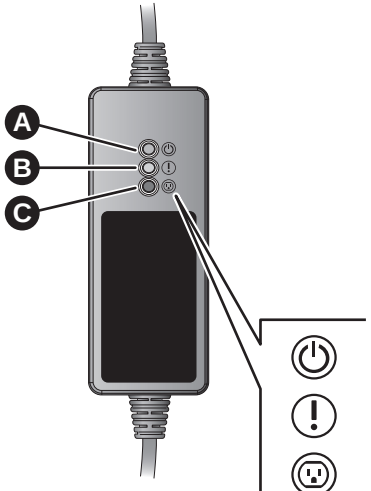
There are three LEDs on the front of the charge status control unit:

❒ **GREEN LED on** (A) fig. 143: indicates correct operation in the domestic power distribution system: it is therefore possible to proceed with the high-voltage battery charging.

❒ **RED LED on** (B): indicates a fault in the charging system.

❒ **YELLOW LED on** (C): indicates a possible failure in the domestic power distribution system.

WARNING Never carry out any repair work on your own: always contact the Fiat Dealership.



143 F1A1063

For the type of failure, refer to the description under "Charging system failure" on the following pages.

Symbol label

On the back of the charge status control unit there is a summary label, fig. 144, which shows some symbols. The main ones are listed below:

This symbol indicates a risk of electric shock.

this symbol indicates a general dangerous situation.

This symbol shows the minimum operating temperature of the charge status control unit in accordance with IEC 61851 and IEC 62752 certification.
NOTE FCA guarantees that the device has been tested for use from -40°C to +50°C. If the device is not used and must be stored, the temperature must be between -40°C and +80°C. Exceeding these temperature values may damage the device.

The presence of this symbol on the label indicates that the specific "Mode 2" charge cable cannot be used for domestic power distribution networks where the earthing cable is not present. For specific markets, without the earthing cable, check for "COUNTRY GROUP" on the label of the charging cable.

The presence of this symbol on the label indicates that the charge status control unit does not have the function of disconnecting the earthing cable.

The symbol indicates that the charging unit should not be placed in the waste if it no longer works: for disposal refer to the environmental regulations in force in the country in which it circulates.

The symbol prompts you to read the instructions in this publication carefully before using the charging cable.

I44 F1A1079

WARNING

165) *The device is to be used exclusively for charging the vehicle.*
166) *Never attempt to make a repair and/or perform maintenance on the charge cables, this may result in serious personal injury or even death. Always go to a Fiat Dealership.*

CHARGING SYSTEM FAILURE

Any faults during charging are displayed by the LEDs, either fixed or flashing, located on the front of the charge status control unit.

Refer to the table below.

	GREEN LED	RED LED	YELLOW LED	Description	Action/Consequence
1	OFF	OFF	OFF	Charging cable not connected to the domestic charging port or power failure in the domestic power supply mains	
2	ON	OFF	OFF	There are no faults in the domestic power distribution system, so the charging cable can be connected to the charging port on the vehicle	
3	ON	ON (Flashing)	ON	Overheating at the charging port of the domestic mains power supply	When the normal temperature is reached, the system will make a new charge attempt at a lower current level.
4	ON	OFF	ON (Flashing)	Charging to a lower current level due to overheating of the charging port of the domestic electricity distribution mains (see point 3)	

	GREEN LED	RED LED	YELLOW LED	Description	Action/Consequence
5	ON	ON	ON (Flashing)	Overheating at the charging port of the domestic mains power supply	Overheating during charging at a lower current level (see point 4) Proceed as follows: ❒ disconnect the charge cable from the vehicle and from the domestic power socket with care (the domestic power plug may be hot); ❒ please wait for the domestic power plug and socket to reach a normal temperature; ❒ reconnect the cable to the domestic power socket and to the charging port of the vehicle, then try to charge again. In case of a new anomaly, contact a certified electrician
6	ON	ON (2 blinks)	ON (2 blinks)	Lack of earthing cable in the charging port of the domestic mains power supply	The system will make a new charge attempt after 30 seconds (6 attempts in total).
7	ON	ON	ON (2 blinks)	Lack of earthing cable in the charging port of the domestic mains power supply	New charge attempt (see point 6) failed. Disconnect the charge cable from the vehicle and the domestic power socket and reconnect it, then try to charge again. In case of a new anomaly, contact a certified electrician.

	GREEN LED	RED LED	YELLOW LED	Description	Action/Consequence
8	ON (Flashing)	OFF	OFF	Domestic mains power incorrectly supplied	The system will make a new charge attempt after 30 seconds (6 attempts in total). If the fault persists, disconnect the charge cable from the vehicle and the domestic power socket and reconnect it, then try to charge again. In case of a new anomaly, contact a certified electrician.
9	ON	ON	OFF	Dispersion of electricity on the vehicle	Disconnect the charge cable from the vehicle and the domestic power socket and reconnect it, then try to charge again. In case of a new anomaly, contact a Fiat Dealership.
10	ON	ON (flashing)	OFF	Electric charging current too high	The system will make a new charge attempt after 30 seconds (6 attempts in total).
11	ON	ON (7 blinks)	OFF	Electric charging current too high	New charge attempt (see point 10) failed. Disconnect the charge cable from the vehicle and the domestic power socket and reconnect it, then try to charge again. In case of a new anomaly, contact a Fiat Dealership.

	GREEN LED	RED LED	YELLOW LED	Description	Action/Consequence
12	ON	ON (2 blinks)	OFF	Vehicle charge failure	The system will make a new charge attempt after 30 seconds (6 attempts in total). If the fault persists, disconnect the charging cable from the vehicle and the domestic power socket and reconnect it, then try charging again. In case of a new anomaly, contact a Fiat Dealership.
13	ON	ON (3 blinks)	OFF	Charging cable failure	
14	ON	ON (4 blinks)	OFF		
15	ON	ON (5 blinks)	OFF		
16	ON	ON (6 blinks)	OFF		

Key

ON = LED on

OFF = LED off

BLINK = 0.5 seconds ON / 0.5 seconds OFF / 3 seconds pause

FLASHING = 0.5 seconds ON / 0.5 seconds OFF

CHARGING SYSTEM/MAINTENANCE/ CLEANING

The device is maintenance-free.

If you need to clean the device, use a soft cloth slightly dampened with a mild detergent solution, then wipe dry with a dry cloth. Do not use abrasive products or flammable substances (e.g. alcohol, petrol or their derivatives). **Do not** wash the device with water, hazard of fire or electric shock with the risk of serious injury or death.

WARNING **Only clean the device when it is DISCONNECTED from both the domestic charging socket and the charging port located on the vehicle.**

FCC (Federal Communications Commission) SPECIFICATIONS

The charge status control unit complies with Section 15 of the FCC Regulation.

The use of the device meets the following two requirements:

1. This device does not cause harmful interference.

2. Correct operation of the device may be affected by interference from nearby electrical/electronic devices.

This device is designed to withstand radio frequency interference (RFI), however, some factors (e.g., high-intensity radio signals or radio transmitters in the vicinity of the device) may cause it to malfunction. If you find an anomaly in the operation of the device, contact the Fiat Dealership.

WARNING Modifications and/or repairs made incorrectly and NOT carried out by the Fiat Dealership will invalidate the Warranty and the above requirements.

"MODE 3" CHARGING CABLE

The vehicle is equipped with a **"Mode 3"** charging cable, fig. 145, located inside a special container.

The "**Mode 3**" charging cable:

- complies with EN 61851- 1, EN 62196- 1 and EN 62196- 2 standards;
- can be used for a minimum temperature of -40°C up to a maximum temperature of +50°C.

This type of cable allows you to connect to public alternating current (AC) charging stations. The charging speed may be faster than charging through a domestic power socket.

Using this type of cable it is possible to charge the vehicle with a current of up to 16A.

WARNING After use, remember to replace the protective covers on both sides of the charging cable correctly to prevent moisture and/or dust from entering the cable charging socket connections.

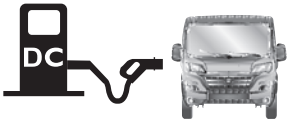
145 F1A0539

"MODE 4" CHARGING CABLE - FAST CHARGE

This can be used to charge from DC (direct current) public charging sockets fig. 146.

The charging cable is connected to the charging column.

The charging procedure can be faster than with AC charging stations.



146 F1A1052

ALTERNATING CURRENT (AC) CHARGING AT HOME

⚠ 167) 168) 169) 170) 171) 172) 173) 174) 175)

🚗 35) 36) 37) 38) 39) 40) 41) 42) 43)

CHARGING PROCEDURE

WARNING Charging the high-voltage batteries in single-phase Mode 2 may not be possible according to the Mode 2 charging cable supplied with the vehicle because it may cause the residual current circuit breaker upstream of the system to disconnect. Furthermore, single-phase Mode 2 charging may also be unavailable or interrupted if the home system has limited available power or if ambient temperatures and/or high-voltage batteries are very high or very low. If this occurs, use a different charging mode. Go to a Fiat Dealership if the problem persists.

WARNING **Always connect the cable to the charging port of the domestic mains first and only then to the vehicle.**

The high-voltage batteries of the vehicle are charged by plugging the "**Mode 2**" charging cable into a charging AC charging socket.

For the characteristics of the "**Mode 2**" cable, refer to the "Power sources that can be used - Mode 2 cable" paragraph.

To charge, proceed as follows:

❒ park the vehicle safely (e-shifter in "N-H" position);

❒ turn the ignition device to the STOP position;

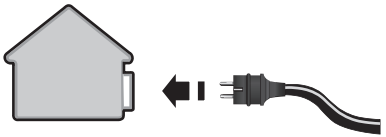
❒ wait for the automatic application of the electric parking brake ("Parking Lock" function);

❒ pull the parking brake lever;

❒ take refill kit contained in the specific bag;

❒ remove any dust that may have accumulated on the charging connector and charging port;

❒ unroll the charging cable and connect it to an AC charging port, fig. 147;



147 F1A1066

NOTE From the moment the plug is connected to the domestic mains charging port, the 3 LEDs on the control unit of the cable will flash for approx. 6 seconds (control unit switching on phase);

❒ open the charging flap fig. 148;

148 F1A1057

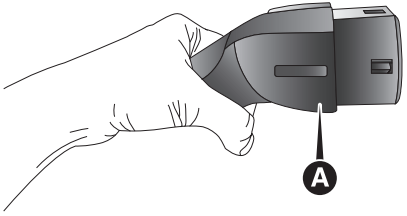
❒ remove the protective cover of the charging port;

❒ grasp the charging connector by the handle (A) fig. 149, remove the protective cover (where provided) and

insert it into the charging port, holding it in position, until you hear the click indicating that it has been locked;

WARNING When plugging the charging cable into the socket, take care not to hit the locking pin of the charging flap.

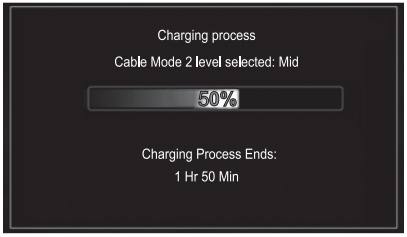
❒ make sure that the cable is pulled leftwards or rightwards when inserting the charging connector;



149 F1A0512

❒ if no scheduled charging has been set (see the "Charging functions" paragraph), charging starts automatically;
❒ check by turning on the LEDs on the cable control unit that there are no faults in the charging system (for more information see "Charge status control unit" in "Power sources that can be used - Mode 2 cable") paragraph. If there are no anomalies, the two green LEDs located next to the charging port will flash. These two LEDs will flash red to indicate that there are anomalies. Refer to the description under "Charging system failure" in the "Power sources that can be used - Mode 2 cable" paragraph.
❒ once the charging process has started the Control Unit on the dashboard will display a screen with the following information fig. 150:

- Charging type and charging level
- Recharge progress percentage
- Estimated time before the end of charging



150 F1A0532

The charging will proceed autonomously.
While charging, the two LEDs located next to the charging port on the vehicle flash green.
They will light up red to indicate a malfunction. See the "Charging system failure" paragraph in the "Charging" chapter.

WARNING The charging procedure is interrupted when the driver's door is opened. A dedicated message will be shown on the control unit display fig. 150. Charging will be reactivated by closing the door on the driver's side correctly and locking it again.

The time required to charge the high-voltage batteries depends on several factors. For more information, see the description in the "Charging settings" paragraph in the "Control Unit" chapter in this section.
If the passenger compartment pre-conditioning is activated, the battery charging time will be extended. The time required for heating/cooling the vehicle is mainly determined by the external temperature.

WARNING The maximum power consumption of the charging port depends on the type of contract signed by the user, the type of cable used and the charge level set in the control unit on the dashboard.

WARNING Use only the charging cable supplied with the vehicle or a

replacement cable recommended by FCA.

WARNING The high-voltage batteries must be charged in accordance with the maximum ampere rating allowed by local and national recommendations for charging electric vehicles.

END OF CHARGING PROCEDURE

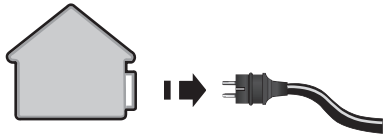
The charging procedure ends when the two LEDs, located next to the charging port, light up fixed green. While charging, the LEDs will flash green. The LEDs will increase the green flashing frequency as the batteries are charged.

DISCONNECTING THE "MODE 2" CHARGING CABLE

During the charging procedure the cable is automatically locked on the charging port in the vehicle.

To complete the charging, proceed as follows:

❒ unlock the doors of the vehicle allowing the charging cable to unlock;
❒ disconnect the cable from the vehicle charging port by grasping the handle of the charging connector and avoiding to pull the cable directly;
❒ disconnect the cable from the charging port fig. 151;



151 F1A1067

❒ replace the protective cover of the charging port;
❒ close the charging flap, making sure it locks properly;
❒ roll up the charging cable correctly, repositioning the protective cover correctly on the charging connector (for versions/markets, where provided). When rolling up, take care not to damage the cable. Then place the cable, together with the charging kit, inside the bag.

WARNING Before disconnecting the charging connector, make sure that the doors are unlocked. If the door is locked, the charging connector locking system does not allow disconnection.

WARNING

167) *The charging current level ("Level 1" / "Level 2" / "Level 3", etc.) can only be changed using the control unit. The default charge level set is "Level 3". For countries in which the 13A "Mode 2" charge cable can be used, if the domestic power socket IS NOT CERTIFIED, it is recommended to set "Level 4" charge to the maximum, which corresponds to approx. 10A. For the list of country-specific cable types refer to what is indicated in the "Mode 2 cable variant table".*

168) *The set level applies indifferently to both AC home charging (Mode 2) and charging from an AC public charging station (Mode 3). It is therefore always advisable to check that the level is set as desired for the actual charging type that is about to be carried out.*

169) *Incorrect setting of the charge current intensity can overload or overheat the mains power supply of the domestic power socket. Fire hazard. Before charging from other domestic sockets, adjust the charge current intensity to the mains. If you do not know the mains, set to the lowest level. Never use extension cords for charging.*

170) *Incorrect connection between connector and charging terminals constitutes a fire hazard!*

171) *During normal operation, the domestic power socket can overheat. In the case of extreme overheating, the charge is interrupted and the warning LED on the front of the cable control unit will turn on. Refer to the table in the "Charging*

system failure" chapter in the "Power sources that can be used" section.
172) *The "Mode 2" charge cable must be connected to a dedicated circuit that is not shared with other devices that absorb electrical energy.*
173) *Do not insert fingers or objects in the cable charging connector.*
174) *The high-voltage batteries must only be charged through approved, earthed domestic sockets or from a public charging station using the "Mode 3" charging cable.*
175) *Keep the charging flap closed when the charging port is not in use.*

IMPORTANT

35) *Do not charge if the external temperature is -30°C or lower, as charging is likely to take longer and the charging device may be damaged.*
36) *Do not leave the vehicle or the charging cable in areas where the external temperature is below -40°C as they may be damaged.*
37) *In cold temperatures, the charging cable may become stiff. Therefore, be careful not to apply excessive force to the charging cable as it may be damaged.*
38) *Do not use personal generators to charge the high-voltage batteries. This may cause fluctuations in charging and the voltage may be insufficient, resulting in damage to the vehicle system.*
39) *Charging the high-voltage batteries using incorrect or damaged sockets, or charging cables and not following the prescribed charging procedures may cause short circuits, fire and potential risk of damage to the electrical system of the vehicle.*
40) *Avoid leaving the batteries for several days with the charge indicator at or near zero. The high-voltage batteries may be damaged.*
41) *You do not need to wait until the battery level is low to recharge. The performance of the batteries is optimal when they are charged regularly.*
42) *Charging the high-voltage batteries may take longer if the temperature of the high-voltage batteries is high or low.*
43) *During charging, especially with fast charging, battery cooling components may be activated (e.g. the climate control compressor and the fans). Therefore, it is normal to hear noises during this operation.*

QUICK DOMESTIC CHARGING PROCEDURE FROM THE WALLBOX CHARGING STATION

WARNING The wallbox charging station domestic charging station must be installed by qualified personnel after checking the domestic electrical system. For information on available wallbox charging stations, contact a Fiat Dealership.

The high-voltage batteries of the vehicle can be charged by directly connecting the charging cable on the wallbox charging station or using the "**Mode 3**" cable.
For the characteristics of the "**Mode 3**" cable, refer to the "Power sources that can be used - Mode 3 cable" paragraph.
Charging with wallbox charging station, fig. 152 or fig. 153, allows to reach, from a domestic user, a higher charge power than the charge achieved using a domestic socket: the charging time, as a consequence, is significantly reduced.

152 F1A1080

153 F1A1081

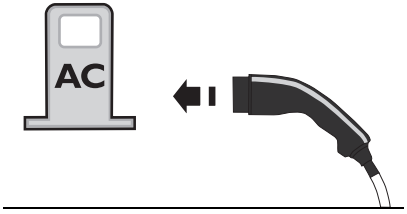
NOTE The wallbox charging station configuration may vary depending on the country where the vehicle is sold.
NOTE The electrical system of the house must be checked regularly by qualified personnel.
The maximum charging current value is automatically set by the device, depending on the building's electrical system.
For the charging procedure, refer to the "Alternating current (AC) charging at home" chapter.

CHARGING PROCEDURE FROM PUBLIC CHARGING STATION (AC)

⚠ 176) 177) 178)

The high-voltage batteries of the vehicle can be charged by directly connecting to public charging sockets or using the "**Mode 3**" cable.
For the characteristics of the "Mode 3" cable, refer to the "Power sources that can be used - Mode 3 cable" paragraph.
To charge, proceed as follows:
❒ park the vehicle safely (e-shifter in "N-H" position);
❒ turn the ignition device to the STOP position;
❒ wait for the automatic application of the electric parking brake ("Parking Lock" function);
❒ pull the parking brake lever;
❒ remove the charging cable from the specific bag fig. 154;
❒ remove any dust that may have accumulated on the charging connector and charging port;
❒ plug the charging connector into the socket of the public charging station fig. 155;

154 F1A1082



155 F1A1068

❒ open the charging flap fig. 156;

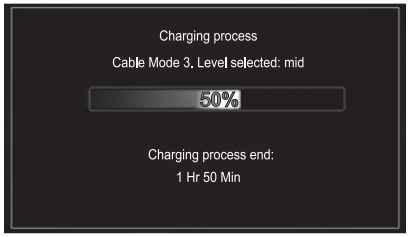
156 F1A1057

❒ remove the protective cover of the charging port;
❒ grasp the charging cable, remove the protective covers on both sides of the cable (where provided). Hold the first charging connector and insert it into the charging port on the vehicle until you hear a click indicating that it is locked;

WARNING When plugging the charging cable into the socket, take care not to hit the locking pin of the charging flap.

❒ make sure that the cable is pulled leftwards or rightwards when inserting the charging connector;
❒ lock the doors by pressing the button on the key;
❒ the display fig. 157 will light up;
❒ The public charging station may need to be enabled. Follow the manufacturer's instructions and warnings when using the charging station;
❒ charging starts automatically if no scheduled charging is set on the Control Unit or Mopar® Connect App;
❒ follow the instructions on the charging column in use to start the process;
❒ once the charging process has started the Control Unit on the dashboard will display a screen with the following information fig. 157:

- Charging type and charging level
- Recharge progress percentage
- Estimated time before the end of charging



157 F1A0545

The charging will proceed autonomously.
While charging, the two LEDs located next to the charging port on the vehicle flash green.
They will light up red to indicate a malfunction. See the "Charging system failure" paragraph in the "Charging" chapter.

WARNING The charging procedure is interrupted when the driver's door is opened. A dedicated message will be shown on the control unit display fig. 150. Charging will be reactivated

by closing the door on the driver's side correctly and locking it again.

WARNING In some countries the "Mode 3" cable is not available.

WARNING Always connect the connector first to the charging station and then to the vehicle.

WARNING Unlocking the door locks during the charging procedure will cause it to stop. Charging resumes automatically after about 60 seconds.

WARNING Before leaving the vehicle, it is advisable to lock the doors by pressing the button on the key. If it is not possible to lock the door by pressing the button on the key, lock the driver's door with the mechanical key.

END OF CHARGING PROCEDURE

The charging procedure continues until the state of charge bar of the high-voltage batteries on the Control Unit on the dashboard has reached 100%. The charging procedure ends when the two LEDs, located near the charging port, light up fixed green. While charging, the LEDs will flash green. The LEDs will increase the green flashing frequency as the batteries are charged.

DISCONNECTING THE "MODE 3" CHARGING CABLE

To complete the charging, proceed as follows:

❒ unlock the doors of the vehicle allowing the charging cable to unlock;

❒ disconnect the cable from the charging port of the vehicle and put the protective cover back on the connector correctly (where provided);

❒ unplug the cable from the charging port on the public charging station and put the protective cover on the connector (where provided);

❒ replace the protective cover of the charging port;

❒ close the charging flap, making sure it locks properly;

❒ roll up the charging cable correctly, repositioning the protective covers on both sides of the cable correctly (take care not to damage the cable when rolling it up;

❒ then place the cable in the bag.

WARNING

176) *The high-voltage batteries must only be charged through approved, earthed domestic sockets or from a public charging station using the "Mode 3" charging cable.*

177) *Keep the charging flap closed when the charging port is not in use.*

178) *The charging current level ("Level 1" / "Level 2" / "Level 3", etc.) can only be changed using the control unit. The default charge level set is "Level 3". The set level applies indifferently to both AC home charging (Mode 2) and charging from an AC public charging station (Mode 3). It is therefore always advisable to check that the level is set as desired for the actual charging type that is about to be carried out.*

CHARGING FROM PUBLIC CHARGING STATION (DC) PROCEDURE - MODE 4

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

If your vehicle is equipped with a FAST CHARGE system, the high-voltage batteries can be quickly recharged to 80% capacity.

However, the management strategies may vary as environmental conditions or charging stations change, in particular:

❒ if FAST CHARGE is started with a high-voltage battery charge level above 80%, charging will be completed up to 100%, but slower to safeguard the batteries;

❒ if the power supplied by the column is lower than the maximum power that the charging system can manage, the recharge will be completed at 100%, but more slowly;

❒ when outside temperatures are very low, charging times may be increased to safeguard high-voltage batteries.

The high-voltage batteries of the vehicle can be charged by directly connecting the charging cable of DC (direct current) public charging stations.

To charge, proceed as follows:

❒ park the vehicle safely (e-shifter in "N-H" position);

❒ turn the ignition device to the STOP position;

❒ wait for the automatic application of the electric parking brake ("Parking Lock" function);

❒ pull the parking brake lever;

❒ take the charging cable from the charging station;

❒ remove any dust that may have accumulated on the charging connector and charging port;

❒ open the charging flap fig. 156;

❒ remove the protective cover of the charging port and attach it to the device;

❒ grasp the charging cable, hold the charging connector and insert it into the charging port on the vehicle until you hear a click indicating that it is locked;

WARNING When plugging the charging cable into the socket, take care not to hit the locking pin of the charging flap.

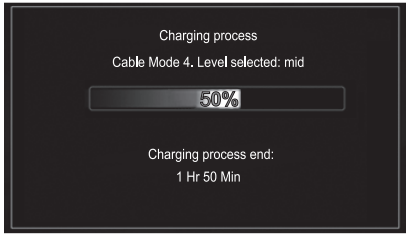
❒ make sure that the cable is pulled leftwards or rightwards when inserting the charging connector;

❒ lock the doors by pressing the button on the key or using the mechanical key;

❒ charging starts automatically;

❒ once the charging process has started the Control Unit on the dashboard will display a screen with the following information fig. 158:

- Charging type and charging level
- Recharge progress percentage
- Estimated time before the end of charging



158 F1A0546

The charging will proceed autonomously.

While charging, the two LEDs located next to the charging port on the vehicle flash green.

They will light up red to indicate a malfunction. See the "Charging system failure" paragraph in the "Charging" chapter.

If necessary, the public charging station must be enabled; follow the manufacturer's instructions and

warnings when using the charging station.
NOTE Unlocking the door locks during the charging procedure will cause it to stop. Charging resumes automatically after about 60 seconds.

END OF CHARGING PROCEDURE

The charging procedure ends when the two LEDs, located near the charging port, light up fixed green. While charging, the LEDs will flash green. The LEDs will increase the green flashing frequency as the batteries are charged.

DISCONNECTING THE "MODE 4" CHARGING CABLE

To complete the charging, proceed as follows:

❒ unlock the doors of the vehicle allowing the charging cable to unlock;

❒ disconnect the cable from the charging port of the vehicle and put the protective cover (where provided) back on the connector;

❒ put the cable on the public charging station;

❒ replace the protective cover of the charging port;

❒ close the charging flap, making sure it locks properly.

IMPORTANT

44) *Using "Fast Charge - Mode 4" can accelerate the battery degradation process.*
45) *If fast charging is not required, standard (AC) charging is always preferred. This maximises battery life by ensuring the best performance of the vehicle over time.*
46) *The charging times in "Fast Charge - Mode 4" are referred to up to 80% of the state of charge of the high-voltage batteries in standard environmental conditions (25°C).*
47) *Charging times in extreme weather conditions can increase by as much as several minutes due to the intervention of the AD high-voltage battery management system, which ensures optimal regulation of the battery temperature to prevent possible damage.*
48) *The charging speed slows down when the state of charge of the high-voltage batteries exceeds 80%.*
49) *The battery charging time can increase by a few minutes in case of very cold/hot external temperatures, many quick charging sessions, high frequency of use of "Fast Charge - Mode 4" charging or ageing of the batteries. This reduction in charging speed is necessary to preserve the batteries.*

CHARGING CABLE EMERGENCY UNLOCK

If the charging cable does not unlock at the end of the charging procedure, you can unlock it manually.
If, after closing and opening the doors by pressing the respective buttons located on the key, it is still not possible to remove the charging cable from the port on the vehicle, turn the ignition device to the MAR position and then turn it back to the STOP position.
If it is not yet possible to remove the charging cable from the port on the vehicle, it is possible to act manually by operating a special emergency release device located on the lower fig. 159 left central pillar and carrying out the operations described below:

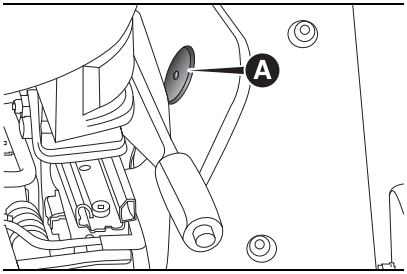
❒ pull out the cap (A) fig. 159;

❒ pull the cord to manually unlock the actuator of the charging port;

❒ pull out the charging connector out of the charging port located on the vehicle;

❒ correctly reposition the cord and the hook in their housing.

NOTE To restore correct operation of the system, contact the Fiat Dealership.



159 F1A1083

CHARGING FUNCTIONS

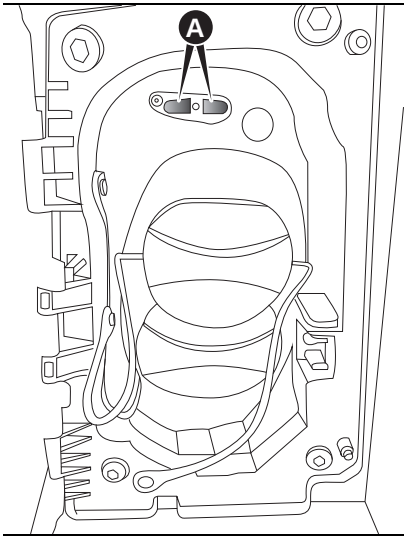
CHARGING SCHEDULE

By acting on the Control Unit on the dashboard and selecting the "Charging Schedule" function you can set the start and end time at which the high-voltage batteries will be charged.

For more information see the "Control Unit" chapter in this section.

LEDs (A) fig. 160 will flash blue if the vehicle is being recharged outside the charging frequency set using the Control Unit.

If recharging is in progress, the LEDs will be flash green. The LEDs will increase the green flashing frequency as the batteries are charged. When the charging is finished, the LEDs will be green fixed.



160 F1A0548

INTERRUPTING THE CHARGING PROCEDURE

To interrupt the charging, unlock the doors by pressing the button on the key or the corresponding button on the driver's door panel trim.

If the door was not previously locked, to stop charging:

1) lock and unlock the doors with the remote control or the mechanical key;

2) get into the driver's seat and turn the ignition device to the MAR position.

The LEDS (A) flash green when the vehicle is charging without a set interval or in the case of an immediate charging operation.

If charging was interrupted, the LEDs (A) turns off.

If, approximately 60 seconds after the doors are unlocked, the system detects that the charging cable is still connected inside the charging port, charging will restart automatically and the cable will be locked inside the charging port. A dedicated message will be displayed on the Control Unit on the dashboard.

WARNING The charging procedure can be interrupted either while using the "Mode 2" charging cable or while using the "Mode 3" charging cable.

RESUMING THE CHARGING PROCEDURE

After interrupting the charging procedure, if you wish to resume the procedure, you can either perform the door lock operation by pressing the button on the key or wait approximately 60 seconds after the door unlocking operation.

In this case, closing the doors with the charging cable connected will resume charging and the cable will be locked inside the charging port.

Once the charging procedure is resumed, the LEDs will turn off (A) present near the charging port.

END OF CHARGING PROCEDURE

The charging procedure ends when the two LEDs, located near the charging port, light up fixed green. While charging, the LEDs will flash green. The LEDs will increase the green flashing frequency as the batteries are charged.

FAILURE DURING CHARGING PROCEDURE

If a fault is detected during the charging procedure, the two LEDs next to the charging port will light up with a flashing red light.

"eCoasting" mode (ENERGY SAVING)

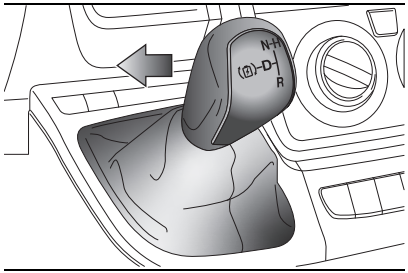
This is a mode that replaces the exhaust brake when the accelerator pedal is released, recovers energy during the slowing down phase of the vehicle.

When the vehicle is started, eCoasting mode is always active regardless of the selected driving mode. This maximises energy recovery when the accelerator and brake pedals are released.

Driving in "eCoasting" mode is possible if the e-shifter is in the central position (Drive- D). To deactivate and reactivate eCoasting mode, move the e-shifter to the left (position) and release it fig. 161. When "eCoasting" is active, the warning light appears on the instrument panel.

With "eCoasting" mode active and fast vehicle deceleration, the brake lights are automatically activated and switched off as the deceleration decreases.

If the charge status of the high-voltage batteries exceeds 95%, "eCoasting" is temporarily unavailable. The unavailability is indicated by a dedicated message on the instrument panel display.



161 F1A0515

"eBraking" MODE (HIGH-VOLTAGE BATTERY CHARGING)

"eBraking" mode, which is always active regardless of the selected operating mode activates the high-voltage battery charging when the brake pedal is pressed, thereby recovering energy during braking.

The electric motor works as an alternator, converting the kinetic energy of the vehicle into electrical energy.

Using this mode is particularly useful when driving in the city, where there are continuous stops and starts.

The effectiveness of the "eBreaking" mode is limited when the high-voltage batteries are very charged (state of charge over 90%) and/or when the temperature of the batteries is very low or very high.

NOTE To make the most efficient use of the system, the braking phase should, where possible, be modulated by applying so as to allow maximum energy recovery.
NOTE In the event of an emergency, maximum braking efficiency is always guaranteed by the conventional braking system.

SAVING ELECTRICITY

ENERGY CONSUMPTION REDUCTION

Below are some useful tips that allow you to achieve a reduction in energy consumption of the high-voltage batteries and a consequent increase in range.

Vehicle maintenance
Take care of the vehicle having checks and adjustments carried out in accordance with the “Scheduled Servicing Plan”.

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 loads which are not strictly necessary. The weight of the vehicle (especially in city traffic) and its geometry greatly affect energy consumption and stability.

Roof rack/ski rack
Remove the roof rack or the ski rack from the roof after use. These accessories lower aerodynamic penetration of the vehicle and adversely affect electrical energy consumption levels.

Electric devices
Use electrical devices only for the amount of time needed. The heated rear window, the supplementary headlights, the windscreen wipers and the heater fan require a considerable amount of energy; increasing the current uptake increases electrical energy consumption.
If possible, warm up the passenger compartment before driving.
If you are driving for a short time after air conditioning in the passenger compartment, switch off the automatic climate control compressor or turn off the fan.
The passenger compartment air conditioning, both during cooling and heating, is carried out by high voltage electrical components, which, therefore, have an impact on the range of the vehicle in electric operation mode. To maximise the energy efficiency of the vehicle, it is suggested to use the passenger compartment air conditioning function only when strictly necessary.
During the summer season, avoid parking the vehicle in a way that overheats the passenger compartment during parking.
Park, if possible, in suitably ventilated indoor areas or outside in the shade.
The range value depends on the energy draw of the services on the vehicle (e.g. automatic climate control system on).

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 spoilers may adversely affect air drag and fuel consumption.

DRIVING STYLE

The main driving styles that affect electrical energy consumption are listed below.

Top speed
Electrical energy consumption considerably increases as speed increases.
Maintain a constant speed, avoiding unnecessary braking and acceleration, which cost in terms of electrical energy consumption and emissions.

Acceleration

Accelerating violently will greatly affect consumption and emissions. Acceleration should be gradual.

CONDITIONS OF USE

The main usage conditions that negatively affect fuel consumption are listed below.

Traffic and road conditions

Heavy traffic with fast acceleration causes high electrical energy consumption. Winding mountain roads and rough road surfaces also adversely affect consumption.

LOADING ADVICE

The Fiat Ducato version used by you has been designed and type approved on the basis of certain maximum weights (see "Weights" chapter in the "Technical Specifications" section): kerb weight, payload, total weight, maximum weight on front axle, maximum weight on rear axle.

WARNING The maximum permitted load on the floor fastenings is 500 kg; the maximum permitted load on the side panel is 150 kg.

179) 180)
50)

In addition to these general precautions, some simple precautions can improve driving safety, travelling comfort and vehicle durability:

❒ distribute the load evenly over the platform: if it is necessary to concentrate it in a single area, choose an area mid-way between both axles;

❒ lastly, remember that the dynamic behaviour of the vehicle is affected by the weight transported: in particular, the stopping distances are longer, especially at high speed.

WARNING

179) *Bumpy roads and abrupt braking may cause unexpected load shifting with consequently hazardous situations for the driver and passengers: before setting off, secure the load tightly using the partition and appropriate hooks, steel cables, ropes or chains strong enough to hold the items to be secured.*

180) *Even when the vehicle is stopped on a steep hill or side slope, opening the rear or side doors could cause unsecured goods to fall out.*

IMPORTANT

50) *Each of these must be strictly observed and MUST NEVER BE EXCEEDED in any case. In particular, ensure that you never exceed the maximum permitted weights on the front and rear axles when arranging the load on the vehicle (particularly if the vehicle is equipped with a specific trim level).*

TOWING TRAILERS

Towing trailers is never allowed.

WARNING The installation of a towing device on the vehicle can lead to accidents and result in serious injury.

WARNING Never equip the vehicle with a towing device. Attaching towing devices can cause extensive damage to the vehicle.

PROLONGED VEHICLE INACTIVITY

If the vehicle needs to be off the road for longer than one month, the following precautions must be taken:
❒ park the vehicle indoors in a dry and, if possible, well-ventilated place;
❒ leave the vehicle with a high voltage battery charge level between 50% and 70%;
❒ check that the handbrake is not engaged;
❒ check the state of charge of the 12V battery every 30 days;
❒ clean and protect the painted parts using protective wax;
❒ clean and protect the shiny metal parts using special compounds available commercially;
❒ sprinkle talcum powder on the windscreen and rear window wiper rubber blades and lift them off the glass;
❒ slightly open the windows;
❒ cover the vehicle with a piece of fabric or perforated plastic sheet. Do not use compact plastic tarpaulins, which prevent humidity from evaporating from the surface of the vehicle;
❒ inflate tyres to +0.5 bar above the standard prescribed pressure and check it periodically;
❒ do not drain the cooling system.

WARNING If the vehicle is equipped with an alarm system, switch off the vehicle alarm with the remote control.

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 00 800 3428 0000 freephone number to search the nearest Fiat Dealership.

IN CASE OF ACCIDENT

AUTOMATIC HIGH-VOLTAGE BATTERY DISCONNECTION

In the case of an accident, with the intervention of the battery disconnect system and airbags, the high-voltage batteries are disconnected automatically, to avoid possible fire risks that could put passengers and any other people involved in traffic and/or near the vehicle in a dangerous condition.

To reactivate the high-voltage batteries, contact a Fiat Dealership.

PRECAUTIONS IN CASE OF ACCIDENT

In order to minimize the risk of serious injury, observe the following precautions:

❒ park safely by the side of the road, apply the manual electric parking brake and switch off the electric motor;

❒ contact rescue immediately, warning that it is an electric vehicle equipped with a high-voltage system;

❒ do not touch high-voltage components (identified by the colour orange) or any components that have come into contact with exposed high-voltage cables. NEVER touch exposed electric cables: danger of ELECTROCUTION;

❒ if you notice any electrolyte leakage from the high-voltage batteries, do not go near the vehicle. If the electrolyte from the high-voltage batteries 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 case of contact with the electrolyte, rinse immediately with plenty of water and seek medical attention;

❒ do not go near the high-voltage batteries with naked flames: danger of FIRE. In case of fire, do not use water extinguishers to extinguish the fire; the use of water, even in small quantities, can be dangerous;

❒ if the vehicle was seriously damaged, maintain a safe distance of at least 15 metres between the vehicle and the other vehicles/flammable materials.

REPLACING A BULB

GENERAL INSTRUCTIONS

⚠ 181) 182)

⚠ 183) 51)

❒ When a light is not working, check that the corresponding fuse is intact before replacing a bulb. For the location of fuses, refer to the "Fuses replacement" chapter in this section.

❒ before changing a bulb check the contacts for oxidation;

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

❒ always check the headlight beam direction after changing a bulb;

WARNING A slight misting may appear on the internal surface of the headlight: this does not indicate a fault and is caused by low temperature and the degree of humidity in the air. Misting will rapidly disappear when the headlights are switched on. The presence of drops inside the headlights indicates infiltration of water. Contact a Fiat Dealership.

WARNING

181) *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.*
182) *Halogen bulbs contain pressurised gas, in the case of breakage they may burst causing glass fragments to be projected outwards.*
183) *Never disconnect the 12V battery terminals. No operations are allowed on the 12V battery. Always go to a Fiat Dealership.*

IMPORTANT

51) *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.*

BULB TYPES

Various types of bulbs are fitted to your vehicle:

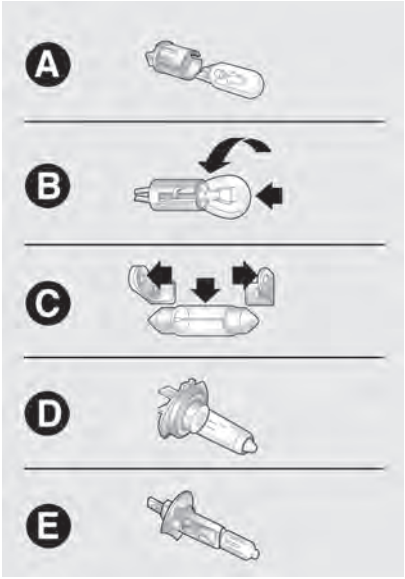
All-glass bulb: (type A) these are pressure fitted - pull to remove.

Bayonet bulb: (type B) to remove them press the bulb and turn it anticlockwise.

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

Halogen bulbs: (type D) to remove the bulb, release it and extract it from its seat.

Halogen bulbs: (type E) to remove the bulb, release it and extract it from its seat.



Light bulbs

Light bulbs	Type	Power	Figure ref.
Main beams	H7	55W	D
Dipped headlights	H7	55W	D
Front side lights / daytime running lights	W21/5W - LED (*)	–	–
Front fog lights (**)	H11	55W	–
Front direction indicators	WY21W	21W	B
Side turn light	W16WF (***) / WY5W (****)	16W (***) / 5W (****)	A
Rear direction indicators	PY2IW	21W	B
Side lights	W5W	5W	A
Rear side lights	P21/5W	21/5W	B
Rear side lights/Brake lights	P21W	21W	B
Third brake light	W5W	5W	B
Reverse gear	W16W	16W	B
Rear fog light	W16W	16W	B
Number plate	C5W	5W	A
Front roof light (movable lens)	12V10W	10W	C
Rear ceiling light	12V10W	10W	C

(*) Where provided, instead of W21/5W bulb
(**) For versions/markets where provided
(***) XL and Tempo Libero versions
(****) All other versions

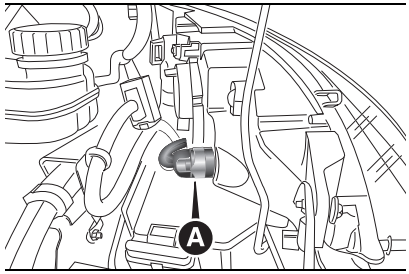
REPLACING AN EXTERIOR BULB

For the type of bulb and power rating, see the “Replacing a bulb” paragraph above.

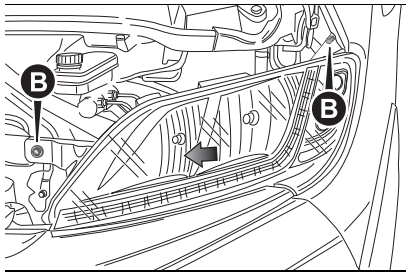
FRONT LIGHT CLUSTERS

To remove the headlight, operate as follows:

❒ open the bonnet by following the procedure in the "Bonnet" chapter in the "Knowing your vehicle" section;
❒ disconnect the electrical connector (A) fig. 162 from the headlight;
❒ undo the screws (B) fixing the headlight to the body, release the headlight from its housing, in the lower part, as shown in fig. 163 and remove the headlight placing it on a work surface;
❒ follow the steps described below for replacing the bulbs;
❒ after the replacement, refit the headlight and secure it with the fixing screws (B) fig. 163;
❒ disconnect the electrical connector (A) fig. 162 from the headlight.

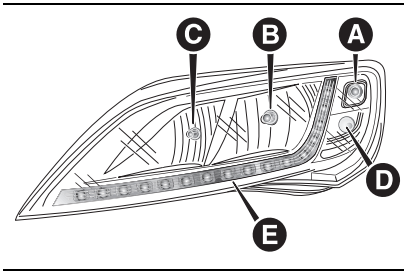


162 F1A0337



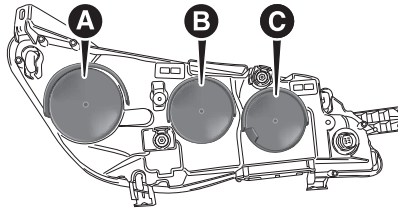
163 F1A0549

The bulbs are arranged inside the light cluster as follows fig. 164:
(A) direction indicators
(B) dipped beam headlights
(C) main beam headlights
(D) daytime running lights
(E) side lights/DRLs with LEDs (as an alternative to (D))



164 F1A0313

To replace a main beam headlight bulb, remove the rubber cap (C) fig. 165.
To replace a dipped beam headlight bulb, remove the rubber cap (B) fig. 165.
To replace a direction indicator or side light/DRL bulb (when not LED), remove the rubber cap (A) fig. 165.
After replacement, refit the rubber caps correctly, ensuring that they are locked in place.



165 F1A0314

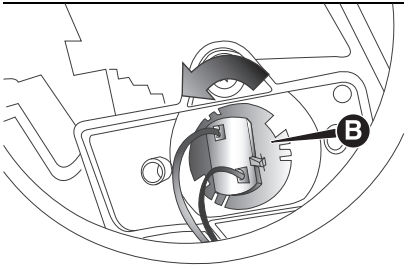
SIDE LIGHTS/DAYTIME RUNNING LIGHTS (LEDs)

These are LEDs. For replacement, contact a Fiat Dealership.

SIDE LIGHTS/DAYTIME RUNNING LIGHTS

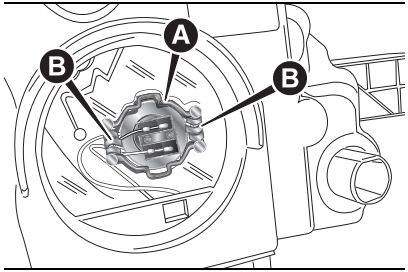
To replace the bulb, proceed as follows:

❒ remove the protective rubber cover (A) fig. 165;
❒ turn the bulb holder (B) fig. 166 anticlockwise;
❒ extract the bulb by pulling and replace it;
❒ remove the bulb by pushing it slightly and turning it anticlockwise (bayonet mount);
❒ refit the bulb holder B by turning it clockwise and making sure that it locks correctly;
❒ refit the protective rubber cover (A) fig. 165.



166 F1A0386

MAIN BEAM HEADLIGHTS



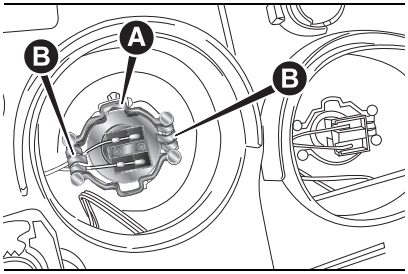
167 F1A0315

To replace the bulb, proceed as follows:

❒ remove the protective rubber cover (C) fig. 165;
❒ free the bulb holder (A) fig. 167 from the side clips (B) and remove it;
❒ disconnect the electrical connector;
❒ fit the new bulb, ensuring that the outline of the metal part coincides with the grooves on the curve of the headlight, pressing to engage it with the side clips;
❒ reconnect the electrical connector;
❒ refit the protective rubber cover (C) fig. 165.

DIPPED BEAM HEADLIGHTS

With incandescent bulbs



168 F1A0316

To replace the bulb, proceed as follows:

❒ remove the protective rubber cover (B) fig. 165;
❒ free the bulb holder (A) fig. 168 from the side clips (B) and remove it;
❒ disconnect the electrical connector;
❒ fit the new bulb, ensuring that the outline of the metal part coincides with the grooves on the curve of the headlight, pressing to engage it with the side clips;
❒ reconnect the electrical connector;
❒ refit the protective rubber cover (B) fig. 165.

DIRECTION INDICATORS

To replace the bulb, proceed as follows:

❒ remove the protective rubber cover (A) fig. 165;

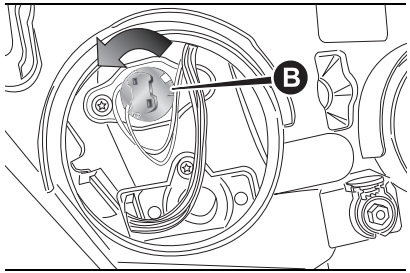
❒ turn the bulb holder (B) fig. 169 anticlockwise;

❒ extract the bulb by pulling and replace it;

❒ remove the bulb by pushing it slightly and turning it anticlockwise (bayonet mount);

❒ refit the bulb holder (B) by turning it clockwise and making sure that it locks correctly;

❒ refit the protective rubber cover (A) fig. 165.



169 F1A0317

Side

To change the bulb, proceed as follows fig. 170:

❒ move the mirror manually to permit access to the two fixing screws (A);

❒ using the Phillips screwdriver provided, undo the screws and extract the bulb holder assembly, releasing it from the teeth;

❒ undo the bulb and replace bulb (B), turning it anticlockwise.

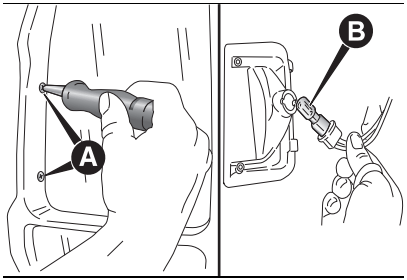
FOG LIGHTS

(for versions/markets, where provided)

To replace the front fog light bulbs, proceed as follows:

❒ steer the wheel completely inwards;

❒ undo the screw (A) and remove the flap (B) fig. 171;



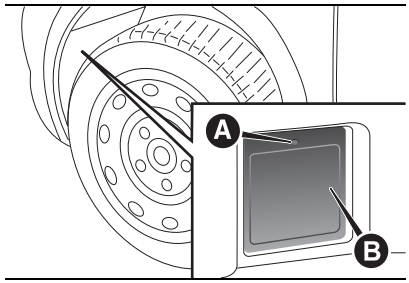
170 F1A0195

❒ adjust the clip (C) fig. 172 and disconnect the electrical connector (D);

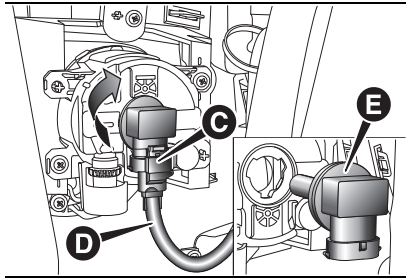
❒ turn and remove the bulb holder (E);

❒ release the bulb and replace it;

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

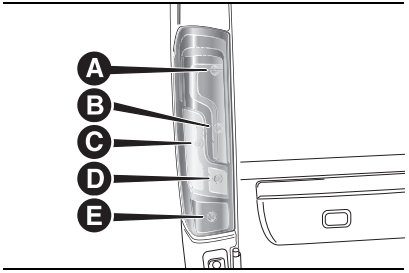


171 F1A0361



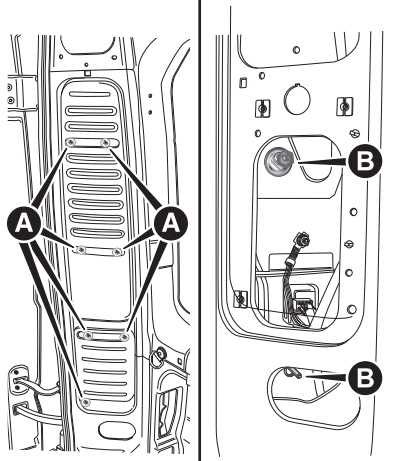
172 F1A0362

REAR LIGHT CLUSTERS



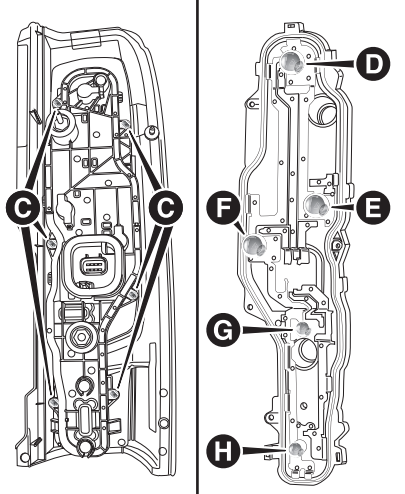
173 F1A0318

The bulbs are arranged inside the light cluster as follows fig. 173:
(A) brake/side lights
(B) sidelights
(C) Direction indicators
(D) reversing lights
(E) rear fog lights
To change the bulb, proceed as follows fig. 174, fig. 175:
❒ open the rear swing door;



174 F1A0319

❒ undo the 7 fixing screws (A) of the plastic cover;
❒ undo the two fixing screws (B);
❒ extract the unit outwards and disconnect the electrical connector;
❒ unscrew the screws (C) using the screwdriver provided and remove the bulb holder;

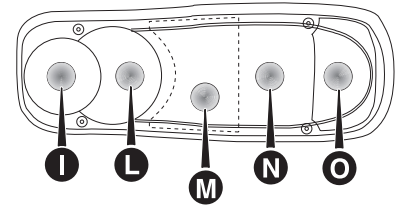


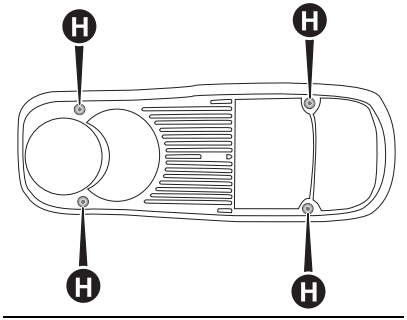
175 F1A0320

❒ remove the bulb to be replaced (D), (E), (F) pushing it slightly and turning it anticlockwise (bayonet mount) and replace it; extract the bulb (G), (H) pulling it outwards;
❒ refit the bulb holder and tighten the screws (C);
❒ reconnect the electrical connector, correctly reposition the unit on the body of the vehicle and then tighten the fixing screws (B);

❒ refit the plastic cover fastening it with the 7 fixing screws (A).

For truck and chassis cab versions:

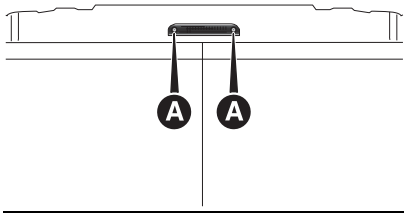




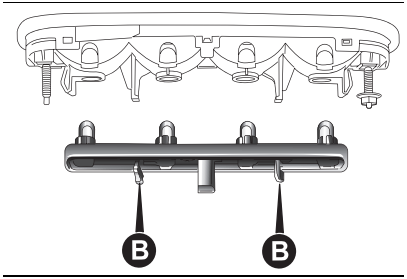
176 F1A0200

Undo the four screws (H) fig. 176 and replace the bulbs:
(I) bulb for rear fog light
(L) bulb for reversing light
(M) bulb for side light
(N) bulb for brake light
(O) direction indicator bulb.

THIRD BRAKE LIGHTS



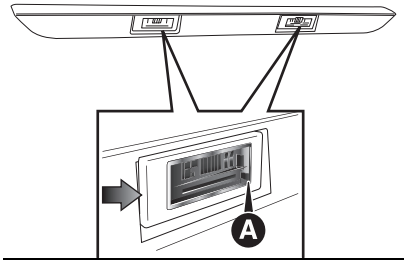
177 F1A0204



178 F1A0205

To replace the bulb proceed as follows:
❒ undo the two fixing screws (A) fig. 177;
❒ extract the lens unit;
❒ press the tabs (B) fig. 178 together and remove the bulb holder;
❒ remove the snap-fitted bulb and replace.

NUMBER PLATE LIGHTS



179 F1A0206

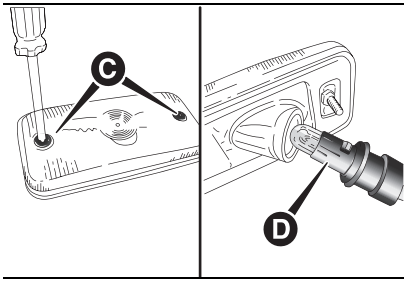
To replace the bulb proceed as follows:
❒ operate in the point indicated by the arrow and remove the lens unit (A) fig. 179;
❒ change the bulb releasing it from the side contacts and making sure the new bulb is correctly fastened between the contacts;
❒ refit the snap-fitted lens unit.

SIDE LIGHTS

(for versions/markets, where provided)

❒ **for extra-long van:**

- undo the two fixing screws (C) fig. 180 and remove the headlight;
- remove the bulb holder (D) on the rear of the light cluster, turning through 1/4 turn;
- remove the snap-fitted bulb and replace.



180 F1A0207

❒ **for chassis cab versions:**

- remove the bulb holder on the rear of the light cluster, turning through 1/4 turn;
- remove the snap-fitted bulb and replace.

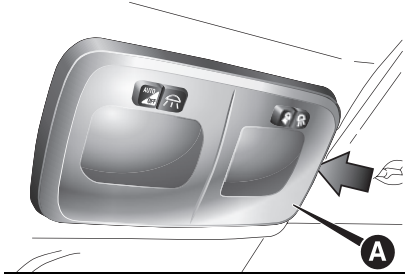
REPLACING INTERIOR BULBS

For the type of bulb and relevant power rating, see “Changing a bulb”.

FRONT CEILING LIGHT

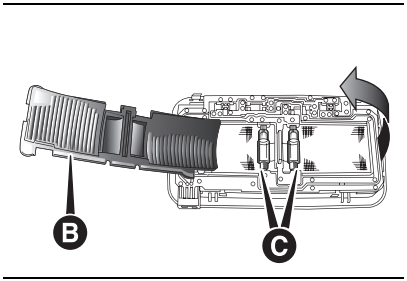
To replace the bulbs, proceed as follows:

❒ operate in the point shown by the arrow and remove roof light (A) fig. 181;



181 F1A0208

❒ open protective flap (B) fig. 182;
❒ replace the bulbs (C) fig. 182 by releasing them from the side contacts and making sure that the new bulbs are correctly secured between the contacts;



182 F1A0209

❒ re-close the flap (B) fig. 182 and fasten the ceiling light (A) fig. 181 in its housing, making sure that it locks into place.

LED LOAD COMPARTMENT CEILING LIGHT

(for versions/markets, where provided)

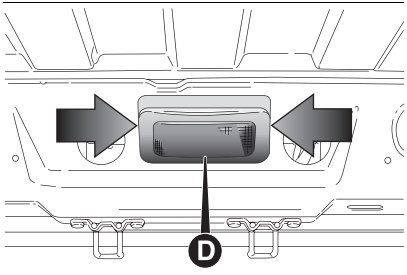
Contact a Fiat Dealership for replacing an LED front ceiling light.

REAR CEILING LIGHT

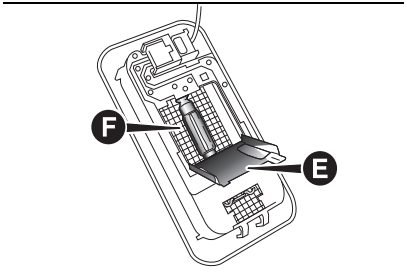
To replace the bulbs, proceed as follows:

❒ operate in the points shown by the arrow and remove ceiling light (D) fig. 183;
❒ open protective flap (E) fig. 184;
❒ change the bulb (F) fig. 184 releasing it from the side contacts and making sure the new bulb is correctly fastened between the contacts;

❒ close the protective flap (E) fig. 184 and re-insert the roof light (D) fig. 183 in its housing, making sure that it locks into place.



183 F1A0210



184 F1A0211

FUSES

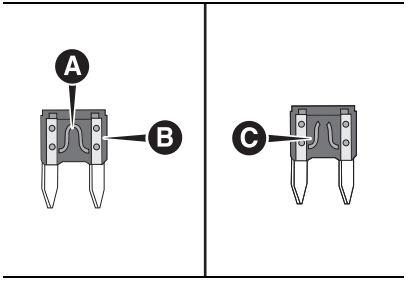
GENERAL INFORMATION

⚠ 184) 185) 186) 187) 188)

52)

WARNING For fuse replacement, contact a Fiat Dealership.

Fuses protect the electrical system: they intervene (blow) in the event of a failure or improper action on the system. Check the state of the corresponding fuse when a device does not work: the filament (A) fig. 185 should be intact. If it is not, replace the blown fuse with another with the same ampere rating (same colour).
(B) intact fuse.
(C) fuse with damaged filament.

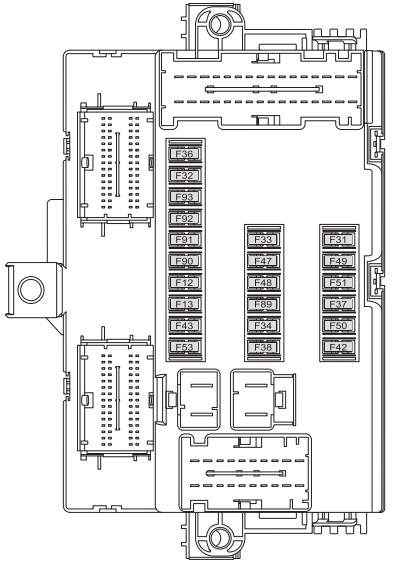


185 F1A0212

FUSE LOCATION

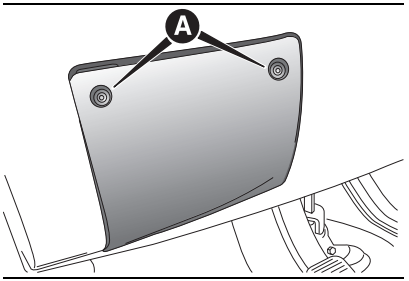
The vehicle fuses are grouped in three control units located on the dashboard, passenger compartment right pillar and motor compartment.

DASHBOARD FUSEBOX



186 F1A0214

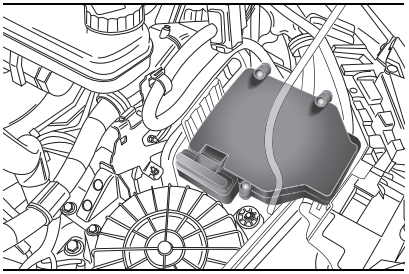
To access the dashboard fusebox fig. 186, loosen the screws (A) fig. 187 and remove the cover.



187 F1A0213

MOTOR COMPARTMENT FUSEBOX – OPTIONAL WIRING MODULE

To gain access to the fuseboxes fig. 189 - fig. 190, remove the protective cover fig. 188.



188 F1A0334

Proceed as follows:

❒ fully tighten the captive screw using the dedicated Phillips screwdriver provided;

❒ slowly rotate the screw anticlockwise until resistance is encountered (do not overtighten);

❒ slowly release the screw;

❒ opening is indicated by the entire screw head coming out of its housing;

❒ remove the cover.

To refit the cover proceed as follows:

❒ join the cover with the box correctly;

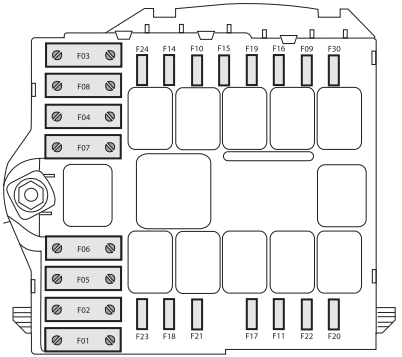
❒ fully tighten the captive screw using the dedicated Phillips screwdriver provided;

❒ slowly rotate the screw clockwise until resistance is encountered (do not overtighten);

❒ slowly release the screw;

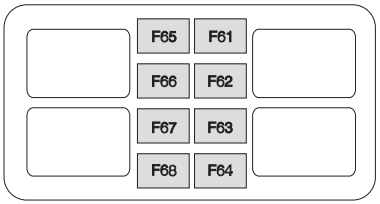
❒ closure is indicated by the inset of the entire screw head in its housing.

Motor compartment fusebox



189 F1A0216

Optional wired module

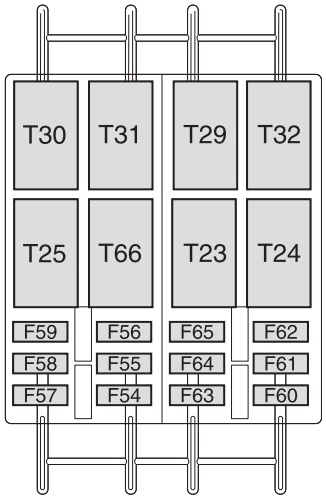


190 F1A0455-1

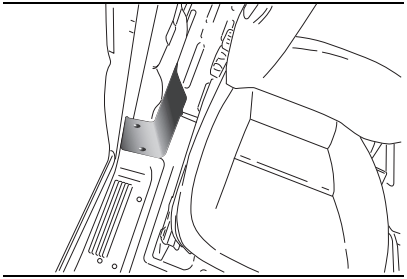
RIGHT CENTRAL PILLAR OPTIONAL FUSEBOX

(for versions/markets, where provided)

To gain access to the fusebox fig. 191, remove the protective cover fig. 192.



191 F1A0218



192 F1A0217

WARNING

184) *Never replace a fuse with another with a higher amp rating; RISK OF FIRE. If a general protection fuse (MEGA-FUSE, MIDI-FUSE) is activated, contact a Fiat Dealership.*

185) *Before replacing a fuse, make sure that the ignition key has been removed and that all the other services are switched off and/or disengaged.*

186) *If the replaced fuse blows again, contact a Fiat Dealership.*

187) *Contact Fiat Dealership if a general protection fuse of a safety system (airbags, braking system, transmission systems or steering system) blows.*

188) *Never disconnect the 12V battery terminals. No operations are allowed on the 12V battery. Always go to a Fiat Dealership.*

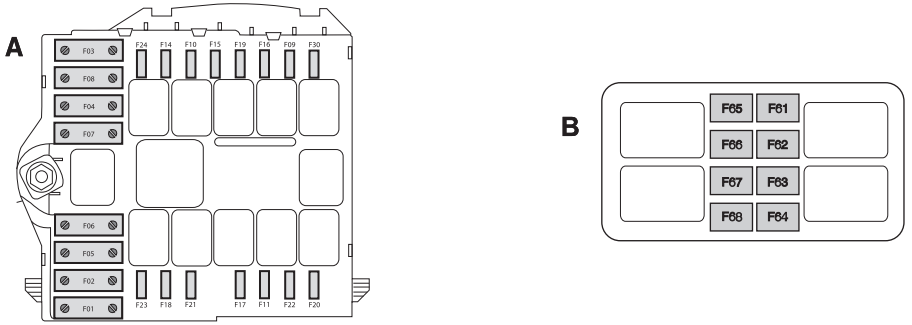
IMPORTANT

52) *Never replace a faulty fuse with metal wires or anything else.*

Dashboard fusebox

Protected device	Fuse	Ampere
Right dipped beam headlight	F12	7.5
Left dipped headlight	F13	7.5
Instrument panel control unit relay (+key)	F31	5
Passenger compartment interior ceiling lighting (+battery 12V)	F32	7.5
Not used	F33	–
Minibus interior lights (emergency)	F34	7.5
Radio, climate control system, alarm, chronograph, 12V battery disconnect control unit, TPMS	F36	10
Brake light control (main), instrument panel (+key)	F37	7.5
Door lock (+battery 12V)	F38	20
Windscreen wiper (+key)	F43	20
Driver's side electric window	F47	20
Passenger side electric window	F48	20
Parking sensor control unit, radio, steering wheel controls, central control panel, left control panel, auxiliary panel, 12V battery disconnect control unit (+key), rain sensor	F49	5
Climate control system, reversing lights, tachograph (+key), TOM TOM setup, Lane Departure Warning, rear camera, headlight alignment corrector	F51	5
Instrument panel (+12V battery)	F53	7.5
Not available	F89	–

Protected device	Fuse	Ampere
Left main beam headlight	F90	7.5
Right main beam headlight	F91	7.5
Left fog light	F92	7.5
Right fog light	F93	7.5



193

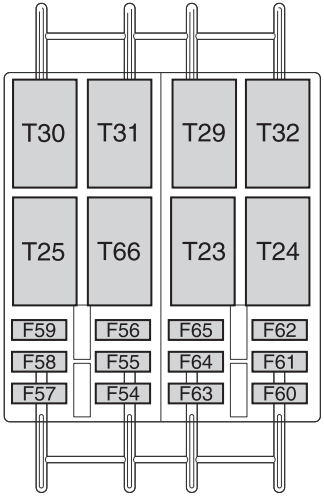
F1A0559

TO: Engine compartment fusebox - B: Optional wired module

Protected device	Fuse	Ampere
EPB, Electric Parking Brake	F05	50
Transmission high-speed cooling fan (+12V battery)	F06	60
Transmission low-speed cooling fan (+12V battery)	F07	60
Passenger compartment fan (+key)	F08	40
Rear power socket (+12V battery)	F09	15
Horn	F10	15
Power socket (+12V battery)	F14	15
Cigar lighter (+12V battery)	F15	15
Climate control compressor	F19	7.5

Protected device	Fuse	Ampere
Windscreen wiper	F20	30
Auxiliary control panel for mirror movement and folding (+key)	F24	7.5
Mirror defrosting	F30	15
HV passenger compartment heater	F62	20
Headlight washers	F64	30
EPB, Electric Parking Brake	F65	30
EPB, Electric Parking Brake	F66	30

Right central pillar optional fusebox



194 F1A0475

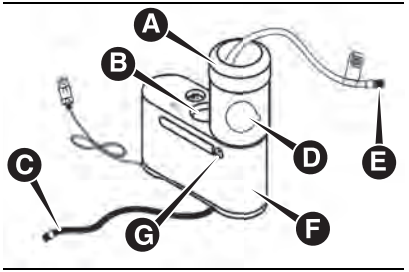
Protected device	Fuse	Ampere
Engine intake / ventilation fan (MBUS)	F54	15
Heated seats	F55	15
Rear passenger power socket	F56	15
Additional heater under the seat	F57	10
Left heated rear window	F58	15

Protected device	Fuse	Ampere
Right heated rear window	F59	15
Not available	F60	–
Not available	F61	–
Not available	F62	–
Additional passenger heater control	F63	10
Not available	F64	–
Additional passenger heater fan	F65	30

FIX & GO QUICK TYRE REPAIR KIT

189) 190) 191) 53) 54) 5)

The automatic tyre Fix & Go repair kit is positioned at the front of the vehicle passenger compartment and includes fig. 195:



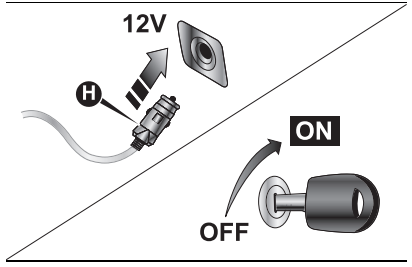
195 F1A0495

❒ a spray can (A) of liquid sealant, complete with clear filler hose (E); black pressure top-up hose (C); sticker (D) marked max. 80 km/h to be affixed in a position in clear view of the driver (on the dashboard) after the tyre has been repaired;
❒ one compressor (F);
❒ a pair of protective gloves located in the spray can compartment.

REPAIR PROCEDURE

Proceed as follows:

❒ stop the vehicle in a position that is not dangerous for oncoming traffic where you can change the wheel;
❒ stop the vehicle and apply the parking brake;
❒ before getting out of the vehicle, put on the reflective safety jacket (if required by the regulations in force). In any case, follow the road safety laws in force in the country where you are driving;
❒ insert the cartridge (A) containing the sealant into the corresponding compressor compartment (F) and press it down hard until you feel the locking mechanism click. Remove the speed limit sticker (D) and apply it in a clearly visible position;
❒ wear the gloves;
❒ remove the cap from the tyre valve and connect and screw the transparent tube of the sealing fluid (E) onto the valve. Make sure that the ON/OFF button is in the OFF position.



196 F1A1053

❒ insert the electrical connector (H) fig. 196 into the 12 V power socket of the vehicle and turn the key to the MAR position;
❒ operate the compressor by pressing the ON/OFF button (ON position) fig. 195. When the pressure gauge (B) reaches the recommended pressure (see the “Wheels” chapter in the “Technical Specifications” section), stop the compressor by pressing the ON/OFF button again;
❒ disconnect the cartridge (A) from the compressor, by pressing the release button (G) and lifting the cartridge upwards.

If the pressure gauge (B) fig. 195 indicates a pressure lower than 3 bar 15 minutes after starting the compressor, switch off the compressor, disconnect the sealing fluid tube (E) from the tyre valve and remove the cartridge (A) from the compressor.

Move the vehicle approximately 10 metres to distribute the sealant.

Stop the vehicle safely, operate the parking brake and restore pressure using the black inflation pipe (C) fig. 195 to reach the required pressure. If the pressure is still lower than 3 bar 15 minutes after switching on, do not resume driving but contact a Fiat Dealership. After driving for about 8 km / 5 miles, stop the vehicle in a safe and suitable area, and engage the

parking brake. Take the compressor and restore pressure using the black inflation tube (C).

If the pressure reading is higher than 3 bar, restore the pressure and drive with great care to the nearest Fiat Dealership.

PROCEDURE FOR RESTORING THE PRESSURE

Proceed as follows:

❒ stop the vehicle safely as described above, and engage the parking brake;
❒ extract the black inflation tube and screw it firmly onto the tyre valve. Then follow the instructions below.

CARTRIDGE REPLACEMENT

Proceed as follows:

❒ only use original cartridges, which can be purchased from the Fiat Dealership.

WARNING

189) *Comply with the local law in the event of a puncture.*
190) *IMPORTANT: Do not exceed 80 km/h. Avoid sudden acceleration or braking. The kit provides a temporary repair, therefore the tyre must be examined and repaired by a specialist as soon as possible. Before using the kit, ensure that the tyre is not excessively damaged and that the rim is in good condition, otherwise do not use it and call roadside assistance. Do not remove foreign bodies from the tyre. Do not let the compressor turned on for more than 20 consecutive minutes - overheating hazard.*
191) *The information required by the applicable regulation is indicated on the Fix&Go kit package label. Carefully read the label on the cartridge before use, avoid improper use. The kit should be used by adults and cannot be used by children.*

IMPORTANT

53) *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 must handle the tyre treated with the TireKit.*
54) *Check the tyre pressure on the pressure gauge with the compressor off to obtain a more precise reading.*

IMPORTANT

5) *Replace the bottle if the sealant has expired. Dispose of the bottle and the sealant properly. Have them disposed of in compliance with national and local regulations.*

JUMP STARTING

Jump starting using cables and/or using an auxiliary 12V battery is never permitted. Risk of damaging the electrical system of the vehicle. Contact a Fiat Dealership.

STARTER WITH FLAT HIGH-VOLTAGE BATTERIES AND 12V BATTERY

Emergency starting is not possible with a flat high-voltage battery. Proceed as follows:

❒ Contact a Fiat Dealership.
❒ transport the vehicle to a public or private charging point and charge the high-voltage batteries (for transport see the "Towing the vehicle" chapter in this section).

FLAT HIGH-VOLTAGE BATTERY AND 12V BATTERY

In this condition it is possible to move the vehicle for a few metres, positioning the ignition device to the MAR position and putting the e-shifter in position N.

BUMP STARTING

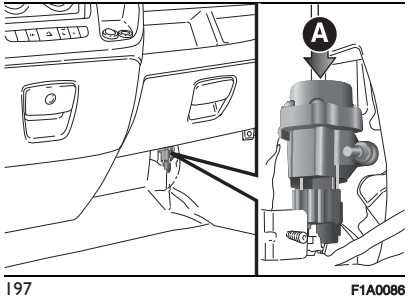
Never bump start the motor by pushing, towing or driving downhill.

WARNING Remember that the brake servo and power steering system are

not active until the ignition device is in MAR position. A much greater effort will therefore be required to use the brake pedal or turn the steering wheel.

SAFETY INERTIA SWITCH

The vehicle is equipped with a safety switch that trips in the event of a collision.
Press the button to reactivate the safety inertia switch (A) fig. 197. Go to a Fiat Dealership if the indication that the batteries are not available is still present after switching the motor off and on again.



197 F1A0086

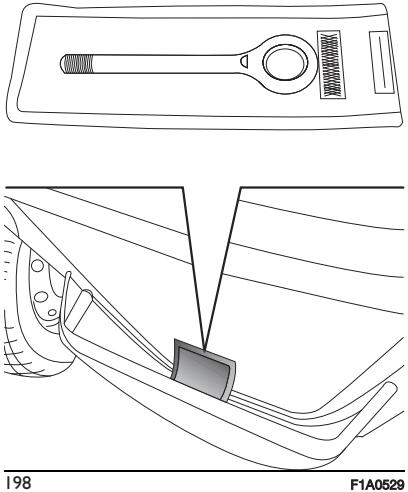
TOWING THE VEHICLE

⚠ 192) 193) 194) 195) 196) 197) 198) 199) 200)

WARNING The vehicle can only be towed with the front wheels raised or with all wheels on the ground, driver on-board, ignition key in MAR position and e-shifter in N-H position.

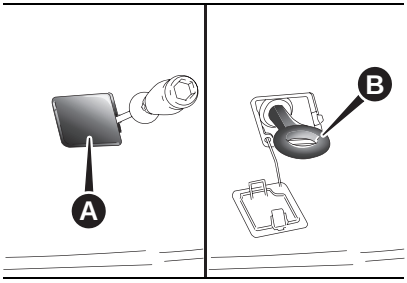
WARNING In the case of towing with all the wheels on the ground and driver on-board, the towing can be carried out with a speed not exceeding 70 km/h.

The front towing ring of the vehicle is housed in the container fig. 198 in the front door storage pocket.



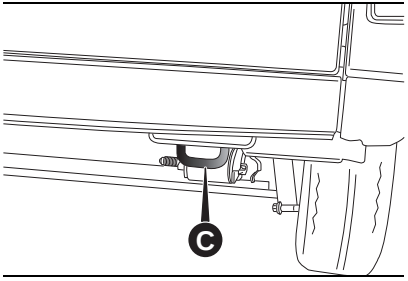
198 F1A0529

To use it, proceed as follows:
❒ using a screwdriver at the indicated point, lift the cap (A) fig. 199;
❒ take the tow ring (B) from the box and screw onto the threaded pin fig. 199.



199 F1A0526

The rear ring (C) fig. 200 is located at the point shown in the figure.



200 F1A0527

WARNING

192) *Screw on the tow ring and check that it stops at the end of travel position.*
193) *Before towing, switch off the steering lock (see the "Ignition device" chapter in the "Knowing your vehicle" section).*
194) *The power brakes and power steering will not operate while the vehicle is being towed. More effort on the brake pedal and steering wheel will therefore be required.*
195) *Do not use flexible cables when towing and avoid jerky movements. During towing operations, make sure that the fastened joint does not damage adjoining components.*
196) *When towing the vehicle, it is necessary to obey specific road regulations which relate both to the towing device as well as to the behaviour to adopt on the road.*
197) *Do not start the engine whilst the vehicle is being towed.*
198) *Towing must be made exclusively on roads/streets; the device must not be used to recover the vehicle if it got off the road.*
199) *Towing must not be used in order to get past significant obstacles on the road (e.g. heaps of snow or material on the road surface).*
200) *Towing must take place with the two vehicles (one towing, the other towed) aligned as much as possible. Towing by roadside assistance vehicles, too, must take place with the two vehicles aligned as much as possible.*

MAINTENANCE AND CARE

Correct maintenance permits the performance of the vehicle to be maintained over time, as well as limited running costs and safeguarding the efficiency of the safety systems.
This section explains how.

SCHEDULED SERVICING

Correct servicing is crucial for guaranteeing a long life for the vehicle under the best conditions.
This is why Fiat has planned a series of checks and servicing operations every 48,000 km depending on the motor version.
It is, however, important to remember that scheduled servicing does not completely cover all the requirements of the vehicle: even in the initial period before 48,000 km, and then subsequently between one service and another, ordinary care is always required such as routine checks involving topping up fluid level, checking tyre pressures etc.

WARNING The scheduled service deadlines are set out by the Manufacturer. Failure to have them carried out may invalidate the New Vehicle Limited Warranty. Scheduled Servicing can be carried out by any Fiat Dealership, at pre-established times. If during each operation, in addition to the ones scheduled, the need arises for further replacements or repairs, these may only be carried out with the express agreement of the Customer.

WARNING It is advisable to inform a Fiat Dealership of any small operating irregularities without waiting for the next scheduled service deadline.

REGULAR CHECKS

Before long journeys, check and, if necessary, restore:
❒ electric motor and battery coolant level;
NOTE The coolant level must be checked when the motor 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, hazard warning lights, etc.);
❒ operation of windscreen washer/wiper system and positioning/wear of windscreen/rear window wiper blades.

To ensure that the vehicle is always efficient and well maintained, it is advisable to make sure that you carry out the above operations regularly (approximately every and every 1000 km).

DEMANDING VEHICLE USE

If the vehicle is mostly used in one of the following conditions:
❒ dusty roads;
❒ short, repeated journeys (less than 7-8 km) at sub-zero external temperatures;
❒ 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: transmission, brake pipes and hoses, rubber elements (gaiters/sleeves/bushes, etc.);
❒ check the state of charge and fluid level (electrolyte) of the 12V battery;
❒ check and, if necessary, replace pollen filter.

SERVICE SCHEDULE

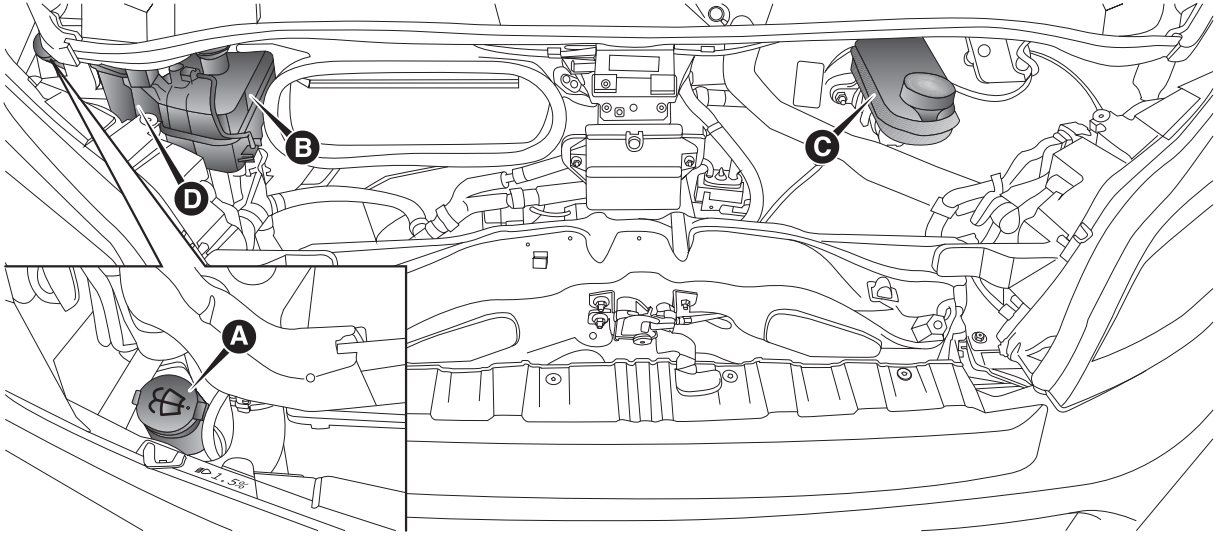
After reaching 144,000 km/90,000 miles/6 years, the checks listed in the service schedule must be repeated cyclically starting from the first interval, thereby following the same intervals as before

Thousands of kilometres	48	96	144	192	240
Thousands of miles	30	60	90	120	150
Years	2	4	6	8	10
Check tyre conditions/wear and adjust pressure, if necessary	●	●	●	●	●
Check the lighting system operation (headlights, direction indicators, hazard warning lights, loading compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	●	●	●	●	●
Check operation of the windscreen wiper/washer system and adjust nozzles, if necessary	●	●	●	●	●
Check the position/wear of the windscreen/rear window wiper blades	●	●	●	●	●
Check cleanliness of bonnet locks, and cleanliness and lubrication of linkages	●	●	●	●	●
Visually inspect the condition of: exterior bodywork, underbody protection, pipes and hoses (brakes, climate control system, cooling system), rubber parts (boots, sleeves, bushes, etc.)	●	●	●	●	●
Visually inspect conditions and wear of front disc brake pads and operation of pad wear indicator	●	●	●	●	●
Visually inspect condition and wear of rear disc brake pads and operation of pad wear indicator (for versions/markets, where provided)	●	●	●	●	●
Check and, if necessary, top up fluid levels (high-voltage cooling, brakes, windscreen washer, etc.) (1)	●	●	●	●	●
Check handbrake lever travel and adjust, if necessary	●	●	●	●	●

Thousands of kilometres	48	96	144	192	240
Thousands of miles	30	60	90	120	150
Years	2	4	6	8	10
Check vehicle functions via diagnostic socket (vehicle control units, high-voltage batteries, etc.)	●	●	●	●	●
Check cleanliness of sliding side door lower guides for versions with S.S.D. (or every 6 months)	●	●	●	●	●
Change the brake fluid			(2)		
Replace the passenger compartment filter	●	●	●	●	●
Visual inspection of electrical charging port condition and integrity	●	●	●	●	●

(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, irrespective of the mileage.

CHECKING LEVELS



201 F1A1072

A. Windscreen washer fluid B. Electric motor and high-voltage battery coolant C. Brake fluid D. Power steering fluid

201) 202)

55)

WARNING

201) *Never smoke while working in the engine compartment: inflammable gases and vapours may be present, constituting a fire risk.*
202) *Be very careful working in the engine compartment when the engine is hot: you may get burned. Remember that the fan may start up if the engine is hot: this could injure you. Scarves, ties and other loose clothing might be pulled by moving parts.*

55) *When topping up, take care not to mix up the various types of fluids: they are not compatible with each other and could seriously damage the vehicle.*

ELECTRIC MOTOR AND BATTERY COOLANT

203)

56)

The coolant level must be checked when the system is cold and must be between the MIN and MAX marks on the reservoir (B) fig. 201.

If the level is under the MIN line, 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.

The mixture of 50% demineralised water and 50% PARAFLU^{UP} protects against freezing down to -35°C.

When the vehicle is used in particularly harsh weather conditions, we recommend using a mixture of 60% PARAFLU^{UP} and 40% demineralised water.

POWER STEERING FLUID

204)

57)

6)

Check that the liquid contained in the tank is at the maximum level. This operation must be carried out with the vehicle level and with the motor off and cold.

Proceed as follows:

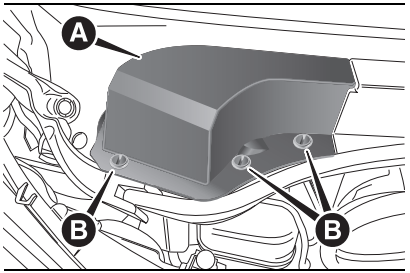
❒ to remove the plastic cover (A) fig. 202, turn the locking screws (B) anticlockwise. Then release the fixing hooks of the cover by pushing it with two hands from below upwards as shown in fig. 203.

❒ check that the fluid level is at the MAX mark on the dipstick attached to the reservoir cap (C) fig. 204 (use the level shown on the 20°C side of the dipstick to check when cold).

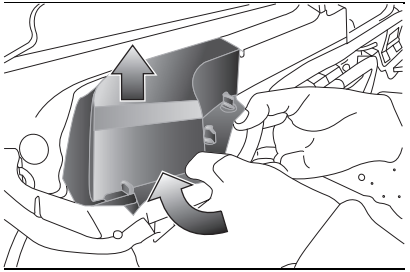
If the fluid level in the reservoir is lower than the specified level, top up as follows using only one of the products indicated in the "Fluid and lubricants" table in the "Technical data" section:

- turn the ignition device to the AVV position and wait for the fluid level in the reservoir to stabilise.
- Turn the steering wheel from right lock to left lock several times.
- Top up the fuel to the MAX level and then retighten the cap.

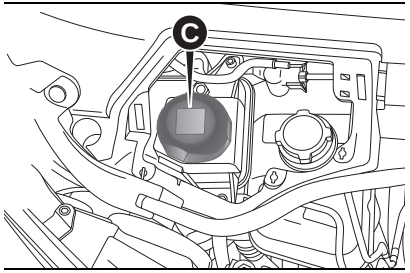
❒ Refit the plastic cover (A) fig. 202 ensuring it is held in place by the insertion of the fixing hooks, then turn the locking screws clockwise (B).



202 F1A0336



203 F1A0687



204 F1A0561

WINDSCREEN/REAR WINDOW WASHER FLUID

⚠ 205) 206)

To add fluid:

❒ remove the (A) - fig. 201, pulling the retaining tooth outwards;

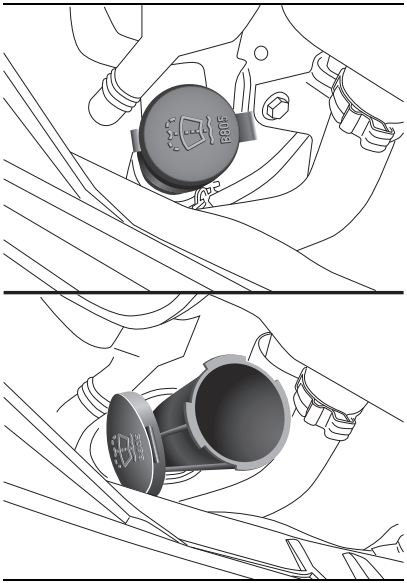
❒ pull the opening of the pipe upwards to extract the telescopic funnel fig. 205.

WARNING To prevent the cap from being damaged and interfering with the adjacent mechanical parts, make sure that it is correctly oriented as shown in fig. 205before opening it. Otherwise, turn it until it reaches the correct position.

Fill according to the following instructions:

Use a mixture of water and PETRONAS DURANCE SC 35, in the following concentrations:

30% PETRONAS DURANCE SC 35 and 70% water in summer.



205 F1A0396

50% PETRONAS DURANCE SC 35 and 50% water in winter.

At temperatures below -20°C, use undiluted PETRONAS DURANCE SC 35 fluid.

To close the cap, operate as follows:

❒ push the funnel fully until it locks;

❒ close the cap.

⚠ 207)

BRAKE FLUID

⚠ 208) 209)

🚗 58)

Undo the cap (C) - fig. 201: check that the liquid contained in the reservoir is at the maximum level.

The fluid level in the reservoir must not exceed the MAX mark.

Use the brake fluid shown in the "Fluids and lubricants" table (see "Technical Specifications" section).

NOTE 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 absorbs moisture. For this reason, if the vehicle is mainly used in areas with a high degree of atmospheric humidity, the fluid should be replaced at more frequent intervals than specified in the “Service Schedule”.

WARNING

203) *The cooling system is pressurised. If necessary, only replace the plug with another original or the operation of the system may be adversely affected.*

204) *Prevent power steering fluid from coming into contact with hot engine parts: it is flammable.*
205) *Do not travel with the windscreen washer fluid reservoir empty: the windscreen washer is essential for improving visibility.*
206) *Some commercial windscreen washer additives are flammable. The engine compartment contains hot parts which could start a fire if they come into contact.*
207) *Do not release the cap from the extension without previously extracting the system using the ring.*
208) *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.*
209) *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.*

IMPORTANT

56) *PARAFLU^{UP} anti-freeze fluid is used in the cooling system. Use fluid of the same type as that contained in the cooling system for topping up. PARAFLU ^{UP} fluid cannot be mixed with any other type of fluid. If this occurs, do not start the engine and contact your Fiat Dealership immediately.*

57) *Do not push the power steering at the end of its travel for more than 8 consecutive seconds since this produces noise and there is a risk of damaging the system.*
58) *Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should it happen, immediately wash with water.*

IMPORTANT

6) *Power steering fluid consumption is extremely low; if another top-up is required after only a short period of time, have the system checked for leaks at a Fiat Dealership.*

12V BATTERY

The battery is located inside the passenger compartment, in front of the pedals. Remove the protective cover to gain access to it.

⚠ **210) 211)**

12V BATTERY REPLACEMENT

WARNING For battery replacement, contact a Fiat Dealership.

USEFUL ADVICE FOR EXTENDING THE LIFE OF THE 12V BATTERY

To avoid draining your 12V battery and make it last longer, observe the following instructions:

❒ when you park the vehicle, ensure that the doors, tailgate and bonnet are closed properly, to prevent any ceiling lights from remaining on inside the passenger's compartment;
❒ switch off all ceiling lights inside the vehicle: the vehicle is however equipped with a system which switches all internal lights off automatically;
❒ do not keep accessories (e.g. radio, hazard warning lights, etc.) switched on for a long time;
❒ before carrying out any operation on the electrical system, disconnect the negative battery cable through the suitable terminal;
❒ completely tighten the battery terminals.

WARNING If the state of charge remains under 50% for a long time, the 12V 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 "Prolonged vehicle inactivity" chapter in

the "Starting and driving" section if the car is left parked for a long time.

If, after buying the vehicle, you want to install electrical accessories which require permanent electric supply (alarm, etc.) or accessories that in any case burden the electrical supply, contact a Fiat Dealership, whose qualified personnel, in addition to suggesting the most suitable devices from Lineaccessori MOPAR, will evaluate the overall electrical consumption, checking whether the vehicle electrical system is capable of withstanding the load required, or whether it should be integrated with a more powerful battery.

Since some of these devices continue to consume electricity even when the motor is off, they gradually run down the 12V battery.

RECHARGING THE 12V BATTERY

Never charge the 12V battery using:

❒ an external battery charger;

❒ a battery from another vehicle.

Contact a Fiat Dealership.

WARNING

210) *Battery fluid is poisonous and corrosive. Avoid contact with skin and eyes. Keep naked flames and sources of sparks away from the battery: risk of explosion and fire.*

211) *Using the battery with insufficient battery fluid may irreparably damage the battery and may cause an explosion.*

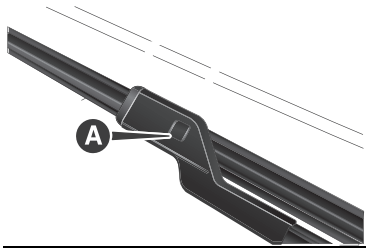
WINDSCREEN WIPER

eLUM

REPLACING THE WINDSCREEN WIPER BLADES

212)

59)



206 F1A0241

Proceed as follows:

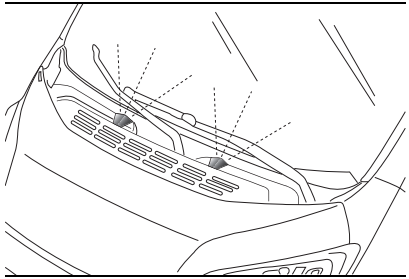
❒ raise the wiper arm, press tab (A) fig. 206 of the attachment spring and remove the blade from the arm;

❒ fit the new blade, inserting the tab into the special slot in the arm, making sure that it is locked;

❒ lower the wiper arm onto the windscreen.

NOZZLES

Windscreen (washer) fig. 207



207 F1A0242

If there is no jet, first check that there is fluid in the reservoir.

Then check that the nozzle holes are not clogged:

use a needle to unblock them if necessary.

The washer jets should be positioned by adjusting the angle of the sprays using a small straight-headed screwdriver.

The jets should be directed at about a third of the height from the top edge of the windscreen.

HEADLIGHT WASHERS

Check the correct condition and cleanliness of nozzles at regular intervals.

The headlight washers come on automatically when the windscreen washer is operated with the low beams on.

WARNING

212) *Driving with worn windscreen wiper blades is a serious hazard, because visibility is reduced in bad weather conditions.*

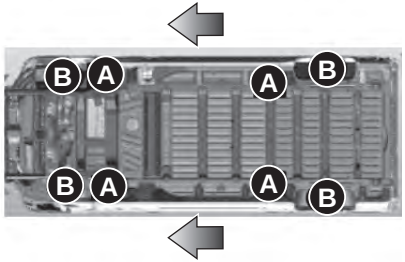
IMPORTANT

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

LIFTING THE VEHICLE

If the vehicle needs to be lifted, go to a Fiat Dealership which is equipped with the arm hoist or workshop lift.

Lift the vehicle exclusively by positioning the jack arms or the shop jack in the points shown in fig. 208.



208 F0S0511

A. Support position B. Lift position

The arrows identify the travel direction of the vehicle.

WHEELS AND TYRES

Check the pressure of each tyre approximately every two weeks and before long journeys. The pressure should be checked with the tyre rested and cold.

It is normal for the pressure to increase when the vehicle is used; for the correct tyre inflation pressure, see the "Wheels" chapter in the "Technical Specifications" section.

Incorrect pressure causes abnormal tyre wear fig. 209:

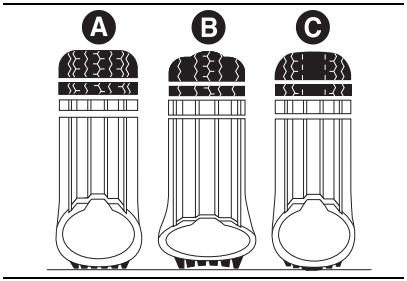
❒ **A** normal pressure: tread evenly worn;

❒ **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. In any case, follow the laws in force in the country where you are driving.

213) 214) 215) 216)



209 F1A0240

IMPORTANT NOTES

❒ As far as possible, avoid sharp braking, screech starts and violent shocks against pavements, potholes or other hard obstacles.
Driving for long stretches over uneven roads can damage the tyres;
❒ periodically check that the tyres have no cuts in the side wall, abnormal swelling or irregular tyre tread wear. Go to a Fiat Dealership if required;
❒ avoid overloading the car when travelling: this may cause serious damage to the wheels and tyres;
❒ if a tyre is punctured, stop immediately and charge it to avoid damage to the tyre, the rim, suspensions and steering system;
❒ 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. Remember to check the spare wheel very carefully;
❒ in the case of replacement, always fit new tyres, avoiding those of unknown origin;
❒ if a tyre is changed, also change the inflation valve;
❒ to allow even wear between the front and rear tyres, it is advisable to change them over every 10–15 thousand kilometres, keeping them on the same side of the vehicle so as not to reverse the direction of rotation.

WARNING Replacing a tyre, check that the tyre pressure monitoring (TPMS) sensor is also taken from the previous rim, together with the valve.

WARNING

213) *Remember that the road holding qualities of your vehicle also depend on the correct inflation pressure of the tyres.*
214) *If tyre pressure is too low, the tyre may overheat and be severely damaged as a result.*
215) *Do not switch tyres from the right-hand side of the vehicle to the left-hand side, and vice versa.*
216) *Do not repaint alloy wheel rims at temperatures higher than 150°C. The mechanical features of the wheels could be compromised.*

SNOW TYRES

eLUM

The performance of these tyres is considerably reduced when the tread depth is less than 4 mm. Replace them in this case.

WARNING When using snow tyres with a maximum speed index below the one that can be reached by the vehicle (increased by 5%), place a notice in the passenger compartment, plainly in view, which states the maximum speed allowed by the winter tyres (as per EC Directive).

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.
217)

WARNING

217) *The maximum speed for snow tyres marked "Q" is 160 km/h, while it is 190 km/h for "T" tyres and 210 km/h for "H" tyres. You should, however, always stick to the speed limits of the highway code.*

SNOW CHAINS

The use of snow chains should be in compliance with local regulations of each country.
Snow chains can be fitted to the tyres of the front wheels (drive wheels) only.
Use of Lineaccessori MOPAR snow chains is recommended. Check the tension of the snow chains after the first few metres have been driven.
60)

WARNING With snow chains, use the accelerator with extreme care to prevent, or to limit as much as possible, slipping of the drive wheels that could cause chain breakage, resulting in damage to the vehicle body or mechanical components.

WARNING For versions fitted with 225/75 R16 tyre, use snow chains with max. thickness 16 mm.When travelling on snowy roads with snow chains, it may be helpful to turn the ASR off: in fact, in these conditions, the driving wheels skidding when moving off gives you better traction.

IMPORTANT

60) *Keep the vehicle speed down when snow chains are fitted; never 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 vehicle and the road surface.*

BODYWORK

PROTECTION AGAINST ATMOSPHERIC AGENTS

The main causes of corrosion are the following:
❒ atmospheric pollution;
❒ salty air and humidity (coastal areas, or hot humid climates);
❒ seasonal environmental conditions.

ADVICE FOR PRESERVING THE BODYWORK

Paintwork

61)

Paintwork does not only serve an aesthetic purpose, but also protects the underlying sheet metal.
You are advised to touch up abrasions and scratches immediately to prevent rust formation. Use only original paint products for touch-ups (see "Bodywork paint identification plate" in the "Technical Specifications" section).
Normal maintenance of paintwork consists in washing the vehicle: the frequency depends on the conditions and environment where the vehicle is used.
For example, it is advisable to wash the vehicle more often in areas with high levels of environmental pollution or on roads spread with salt.
To correctly wash the vehicle, proceed as follows:
❒ wash the bodywork using a low pressure jet of water;
❒ wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing the sponge;
❒ rinse well with water and dry with a jet of air or a chamois leather.
If you put the vehicle through a vehicle wash, follow these recommendations:
❒ remove the aerial from the roof so it does not get damaged;
❒ the vehicle should be washed with water added to a soapy solution;
❒ rinse thoroughly to avoid soap marks remaining on the bodywork or less visible parts.

WARNING Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.

Windows

To clean glasses, use specific cleaning products. Use clean cloths to avoid scratching the glass or altering the transparency.

WARNING Wipe the rear window inside gently with a cloth following the direction of the filaments to avoid damaging the heating device.

Headlights

WARNING Never use aromatic substances (e.g. petrol) or ketones (e.g. acetone) for cleaning the plastic lenses of the headlights.

62)

7)

Automatic car washes - Tips

63)

CONTACT WITH WATER

Washing the motor compartment

64)

Washing the motor is not recommended. If it is absolutely necessary, follow the instructions below:

❒ washing is only allowed at low pressure;

❒ washing must take place with the motor cold and the ignition device in the STOP position;

❒ take care not to direct the water jet directly onto the electronic control units, connectors and orange cables, including the areas adjacent to them (high-voltage circuit) and venting valves;

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.

Underbody washing

If underbody washing is necessary, do not insist with the jet directly on the connectors and venting valve.

Washing with charging flap closed

The electrical system is safe, even if the following situations occur:

❒ presence of water in the foot area;

❒ when the vehicle is in water at a level that allows it to cross a ford;

❒ liquids entering the boot.

65)

IMPORTANT

61) *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.*

62) *Some automatic systems equipped with old generation blades and/or with a poor maintenance can damage the paint, promoting the creation of microscoring which give an opaque/coated appearance to the paint, especially on dark colours. In this case, just lightly polish with specific products.*

63) *Never use high-pressure washing systems. Drops of water may penetrate in the case of high-pressure washing systems and sprayers positioned near the windows. Give preference to car washes that use fabric or soft brushes that do not damage the paint of the bodywork. Ensure that the rims and tyres are not damaged*

by the transport mechanisms. Depending on the width of the vehicle, fold the exterior mirrors to prevent damage. Deactivate the rain sensor (see the "Rain sensor" paragraph in the "Windscreen washing" chapter, in the "Knowing your vehicle" section) to prevent accidental activation of the windscreen wiper. In some cases, the Blind Spot Assist system and parking sensors may be accidentally activated during washing.

64) *Do not use a high pressure jet cleaner to clean the motor 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.*

65) *If it is necessary to wash the vehicle from the outside, take care not to insist directly with the water jet onto the charging flap.*

IMPORTANT

7) *Detergents pollute the water. The vehicle should be washed in areas equipped for collecting and purifying the liquid used in the washing process.*

INTERIOR

Regularly check that water is not trapped under the mats (due to water dripping off shoes, umbrellas, etc.), as this could cause oxidation of the sheet metal.

218) 219)

SEATS AND FABRIC PARTS

Remove dust with a soft brush or a vacuum cleaner.

It is advisable to use a moist brush on velvet upholstery.

Rub the seats with a sponge moistened with a solution of water and neutral detergent.

PLASTIC PARTS

It is advisable to clean interior plastic parts with a moist cloth and a solution of water and non-abrasive mild soap. Use specific products for cleaning plastic, without solvents and specifically designed to prevent damage to the appearance and colour of the treated parts, to remove grease and tough stains.

WARNING Never use alcohol, petrol and derivatives to clean the transparent part of the instrument panel and control unit.

GENUINE LEATHER STEERING WHEEL/E-SHIFTER KNOB/HANDBRAKE

(for versions/markets, where provided)

These components must be cleaned with mild soap and water only. Never use alcohol or alcohol-based products.

WARNING

218) *Never use flammable products, such as petroleum ether or modified petrol, to clean the inside of the vehicle. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.*

219) *Do not keep aerosol cans in the vehicle: they might explode. Aerosol cans must not be exposed to temperatures higher than 50°C. Temperatures may greatly exceed this value inside a vehicle exposed to direct sunlight.*

OPTIMAL USE OF THE VEHICLE - HIGH-VOLTAGE BATTERY STATE OF CHARGE

Pay attention to the following indications to optimise the use of high-voltage batteries and improve the vehicle range:

❒ The high-voltage batteries of the vehicle do not retain their state of charge memory when recharging starts. The best way to prolong their useful life is therefore not to wait until they are completely flat but rather recharge them with alternating current (AC), when possible. Limit the battery state of charge to less than 40% as much as possible and limit frequent recharging when the state of charge is more than 80%.

❒ Whenever possible, charge the high-voltage batteries up to 100% and, in any case, at least once a week with a two-hour break before using the vehicle to allow the self-balancing of the state of charge across the batteries.

❒ During long periods of inactivity of the vehicle it is recommended to maintain the state of charge of the batteries between 70% and 50%.

❒ The climate control system in the passenger compartment uses the electrical energy of high-voltage batteries. Therefore, it impacts the range of the vehicle. Use only when necessary.

❒ If the temperature of the high-voltage batteries is below 10°C or above 34°C, some vehicle functions (e.g. regenerative braking) may operate with reduced performance. Regenerative braking is either not used or greatly reduced with high-voltage batteries over 90% charged.

TECHNICAL SPECIFICATIONS

Everything you may find useful for understanding how your vehicle is made and works is contained in this section and illustrated with data, tables and graphics. For the enthusiasts and the technician, but also just for those who want to know every detail of their vehicle.

IDENTIFICATION DATA

It is advisable to take note of the identification codes. Identification codes are printed and shown on the plates as indicated below, together with the positions:

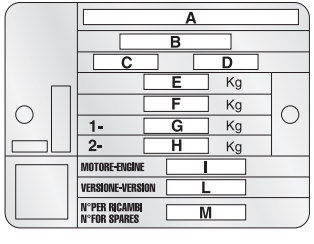
❒ Vehicle identification number (VIN) plate.

❒ Chassis marking.

❒ Bodywork paint identification plate.

❒ Motor marking.

VEHICLE IDENTIFICATION NUMBER (VIN) PLATE



210 F1A0509

This plate is fitted to the engine compartment front crossmember and contains the following data fig. 210:

A Name of manufacturer.

B Vehicle type-approval number.

C Vehicle type identification code.

D Chassis serial number.

E Maximum permitted weight of vehicle fully laden.

F Not used.

G Maximum permitted weight on first axle (front).

H Maximum permitted weight on second axle (rear).

I Engine type.

L Bodywork version code.

M Spare part number.

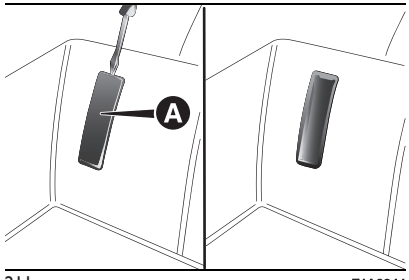
CHASSIS MARKING

They are located respectively: one on the passenger side interior wheel housing (A) fig. 211 , the other on the lower part of the windscreen fig. 212.

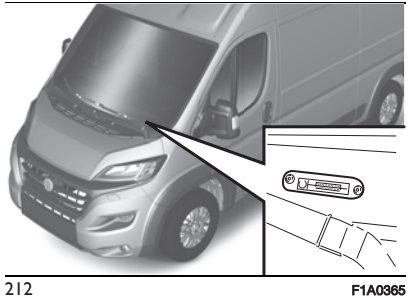
The marking includes:

❒ type of vehicle;

❒ chassis serial number.



211 F1A0244



212 F1A0365

BODYWORK PAINT IDENTIFICATION PLATE

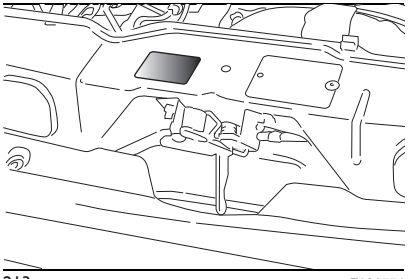
This plate is fitted to the engine compartment front crossmember fig. 213 and contains the following identification data fig. 214:

A Paint manufacturer.

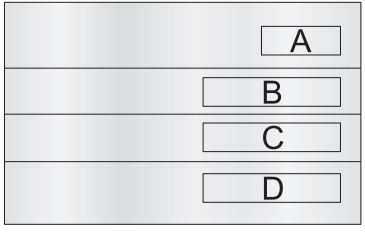
B Colour name.

C Fiat colour code.

D Respray and touch up code.



213 F1A0554



214 F1A0555

MOTOR MARKING

It shows the vehicle type and serial number. The plate can be found on the electric motor fig. 215.

215 F1A0538

General information	
Engine code	46350679
Maximum power (CEE) (kW)	90
Maximum power (CEE) (HP)	122
Corresponding engine speed (rpm)	8000
Maximum torque (CEE) (Nm)	280
Corresponding engine speed (rpm)	500
Energy source	Electrical energy

BATTERY

	Battery data
Type	Lithium Ion (Li-ion)
Cooling / Heating	Fluid
Rated voltage	388 V
Battery operating temperature	-20 / 60°C (*)

(*) The temperature of 60°C is to be understood as the temperature that the battery can reach, it is not to be understood as the operating temperature of the vehicle.

Versions	Kerb-to-kerb turning circle (m)	Type
Medium wheelbase	12.46	Rack and pinion with electro-hydraulic power steering.
Medium-long wheelbase	13.54	
Long wheelbase	14.28	
Extra-long wheelbase	15.3	

WHEELS

RIMS AND WHEELS

Pressed steel rims. Tubeless radial carcass tyres.
All approved tyres are listed in the registration document.

WARNING If there are any discrepancies between the Owner Handbook and the Registration Document, take the information from the latter. To ensure driving safety, make sure that all the wheels are fitted with tyres of the same make and type.

WARNING Do not use air chambers with tubeless tyres.

WHEEL GEOMETRY

Front wheels toe-in measured between rims: -1 ±1 mm.
The values refer to the vehicle in running order.

RIMS AND WHEELS PROVIDED

VERSION	PAYLOAD	TYRES *(Size/Load index and speed)*	RIM
All	3500	215/75 R16 C 116/114 R	6 Jx16-68
	4000/4250	225/75 R16 C 118/116 R	

WARNING Only use the tyres indicated on the vehicle Registration document.If using class C tyres on a Camping vehicle, always use wheels with a metal inflation valve. When replacing, it is always advisable to use Camping tyres.

COLD TYRE INFLATION PRESSURE (bar)

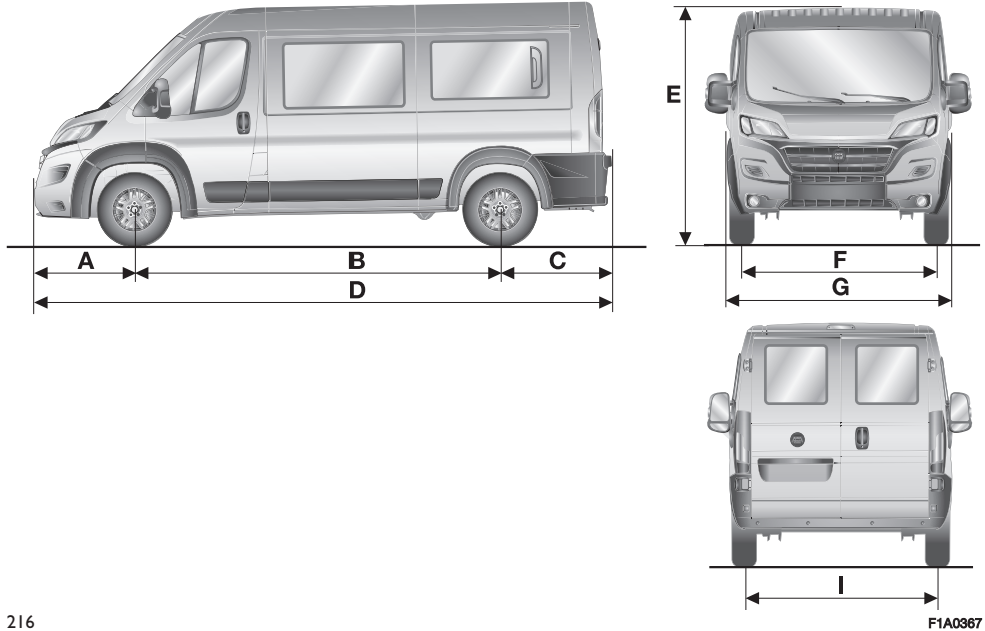
Tyres provided		Front	Rear
215/75 R16 C	For all versions/trim levels	4.5	5.0
225/75 R16 C	For all versions/trim levels, except for Winter and All-Seasons tyres (for versions/markets, where provided)	4.5	5.0
225/75 R16 C	Winter tyres (for versions/markets, where provided)	4.5	4.8
225/75 R16 C	All-Seasons tyres (for versions/markets, where provided)	4.5	5.0

The pressure value can be up to +1.0 bar more than the recommended one when the tyres are warm. However, recheck that the value is correct with the tyre cold.

DIMENSIONS

PANORAMA / COMBI VERSION

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres.
Height is measured with vehicle unladen.



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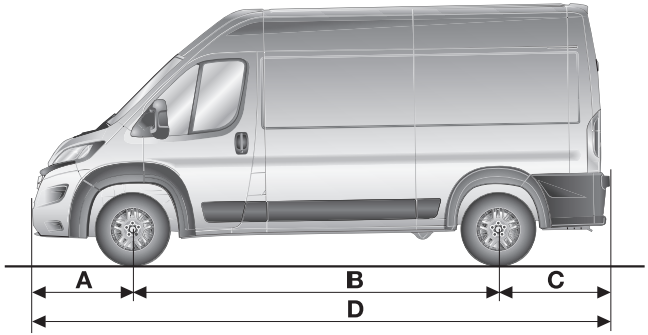
	COMBI - PANORAMA	
	MH2	LH2
A	948	948
B	3450	4035
C	1015	1015 - 1380 (*)
D	5413	5998 - 6363(*)
E	2543-2583	2561-2589
F	1810	1810
G	2050	2050
I	1790	1790

(*) MINIBUS version, 16 + 1 seats
The sizes vary according to the various versions within the limits indicated above.

VAN VERSION

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres.
Height is measured with vehicle unladen.



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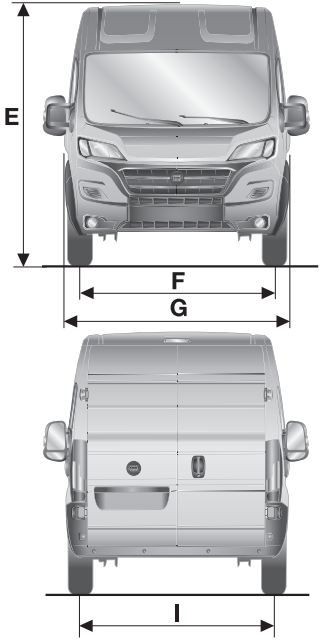

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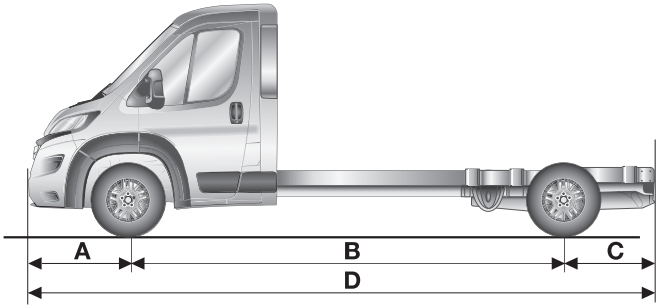
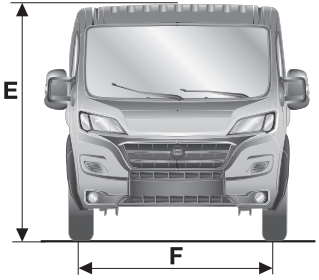
	VAN		
	MH1 - MH2	LH2 - LH3	XLH2 - XLH3
A	948	948	948
B	3450	4035	4035
C	1015	1015	1380
D	5413	5998	6363
E	2284 - 2311 (MH1) 2554 - 2582 (MH2)	2561 - 2589 (LH2) 2796 - 2816 (LH3)	2566 - 2586 (XLH2) 2801 - 2822 (XLH3)
F	1810	1810	1810
G	2050	2050	2050
I	1790	1790	1790

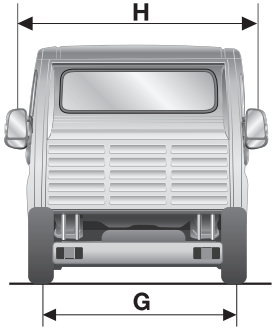
The sizes vary according to the various versions within the limits indicated above.

CHASSIS CAB VERSION

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres.
Height is measured with vehicle unladen.







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	CHASSIS CAB		
	MH1 - MLH1	LH1	XLH1
A	948	948	948
B	3450 - 3800	4035	4035
C	960	960	1325
D	5358 - 5708	5943	6308
E	2254	2254	2254
F	1810	1810	1810
G	1790 - 1980	1790 - 1980	1790 - 1980
H	2050	2050	2050

The sizes vary according to the various versions within the limits indicated above.

PERFORMANCE

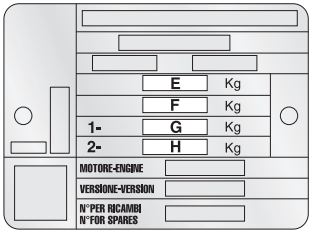
Top permitted speed after initial vehicle use in km/h.

BODYWORK VERSION	Maximum speed (km/h)
VAN	100
CHASSIS COWL TRUCKS	100

NOTE N2-category vehicles are limited to 90 km/h by type-approval requirements.

WEIGHTS AND LOADS

To identify the weights and loads for your vehicle, refer to the plate shown in fig. 219 and described in the “Vehicle identification number (VIN) plate" chapter or refer to the vehicle registration certificate showing the type-approved weights (for markets, where provided).



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E Maximum permitted weight of fully laden vehicle (GVW).

F Not used.

G Maximum permitted weight on first axle (front).

H Maximum permitted weight on second axle (rear).

	Quantity	Original fluids and lubricants
Engine cooling system (litres):	20 (°) 25 (°°)	50% mixture of distilled water and PARAFLU^{UP} (*)
EDU (Electric Drive Unit) (litres):	1.50	PETRONAS IONA INTEGRA PLUS FCA
Hydraulic braking circuit with ASR/ESC (kg):	0.62	TUTELA TOP 4/S
Power steering (litres):	1.5	TUTELA TRANSMISSION GI/E (red) TUTELA TRANSMISSION GI/R (green) (**)
Windscreen and headlights washer fluid vessel (litres):	5.5	Mixture of water and liquid PETRONAS DURANCE SC 35

(*) When the car is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% demineralised water.
(**) For cold countries
(°) 3-battery version
(°°) 5-battery version

FLUIDS AND LUBRICANTS

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

Use	Features	Specification	Original liquids and lubricants	Replacement interval
Lubricants and greases for drive transmission	SAE 75W-70, API GL-4	**9.55550-MZ14**	**PETRONAS IONA INTEGRA PLUS FCA** Contractual Technical Reference N°F006.A20	EDU (Electronic Drive Unit) lubricant
	Molybdenum disulphide grease, for use at high temperatures. Consistency NLGI 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. Consistency NLGI 0-1	**9.55580 - GRAS II**	**TUTELA STAR 700** Contractual Technical Reference N° F701.C07	Differential side constant velocity joints
	Lubricant for power steering. Exceeds "ATF DEXRON III" specifications	**9.55550-AG2**	**TUTELA TRANSMISSION GI/E** Contractual Technical Reference N° F001.C94	Electro-Hydraulic Power Steering
	Lubricant for power steering. "ISO VG 2" – "2F TE_ML 02K"	**9.55550-AG3**	**TUTELA TRANSMISSION GI/R** Contractual Technical Reference N° F428.HD4	Electro-hydraulic power steering (for cold countries)
Brake fluid	Synthetic fluid for brake systems. Exceeds specifications: FMVSS n° 116 DOT 4, ISO 4925, SAE J 1704.	**MS.90039**	**TUTELA TOP 4/S** Contractual Technical Reference N° F005.F15	Hydraulic brakes

Use	Features	Specification	Original liquids and lubricants	Replacement interval
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. Use rate 50% up to -35°C. Mixture with different formulation products not allowed. (*)
Windscreen washer fluid	Mixture of spirits and surfactants. Exceeds the CUNA NC 956-II specification	**MS.90043**	**PETRONAS DURANCE SC 35** Contractual Technical Reference N° F001.D16	To be used neat or dilute in screen washer systems.

(*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of **PARAFLU^{UP}** and 40% demineralised water.

PRESCRIPTIONS FOR HANDLING THE VEHICLE AT THE END OF ITS LIFE

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

To hand your vehicle over at the end of its life without extra cost, contact one of our dealerships if you are purchasing another vehicle or an FCA-authorized collection and scrapping centre. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of vehicles at their end of life, respecting the surrounding environment.

You can find further information on these collection and scrapping centres either from an FCA dealership or by calling the number in the Warranty Booklet or by consulting the websites of the various FCA brands.

MULTIMEDIA

This chapter describes the main functions of the Uconnect™ 5" Radio and Uconnect™ 5" Radio Nav infotainment systems that can be fitted on the vehicle.

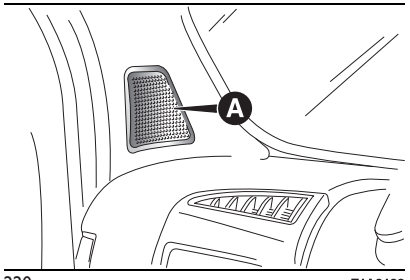
RADIO

(for versions/markets, where provided)
For radio operation, consult the Supplement attached to this Owner Handbook.

SETUP

(for versions/markets, where provided)
The system consists of:
❒ radio supply leads;
❒ front speaker connection cables;
❒ aerial supply lead;
❒ 2 tweeters (A) located in the front doors (30W max power each) fig. 220;
❒ 2 mid-woofers (B) located in the front doors (165 mm diameter, 40W max power each) fig. 221;
❒ 2 full range located on the rear sides (40W max. power each) (for Panorama versions);
❒ radio aerial lead;
❒ aerial.

The radio must be installed in the place occupied by the central storage compartment, where you will find the wiring.
⚠ 220)



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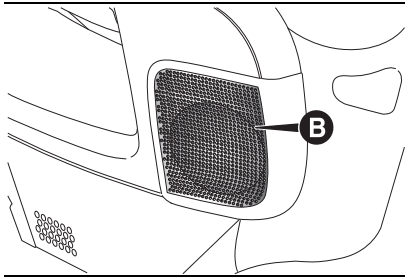

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WARNING

220) *For connection to the existing devices supplied in the vehicle contact Fiat Dealership to prevent any trouble that could impair vehicle safety.*

TIPS, CONTROLS AND GENERAL INFORMATION

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.
⚠ 221) 222)

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.

WARNING The volume may be increased when receiving traffic information and news.

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.
❒ do not use alcohol, petrol and derived products them to clean the display lens and make sure that the **Uconnect™** system is switched off during cleaning.
❒ prevent any liquid from entering the system: this could damage it beyond repair.

66) 67)

ANTI-THEFT PROTECTION

The system is equipped with an anti-theft protection system based on the exchange of information with the electronic control unit (Body Computer) on the vehicle.

This guarantees maximum safety and prevents the secret code from being entered after the power supply has been disconnected.

If the check has a positive outcome, the system will start to operate, whereas if the comparison codes are not the same or if the electronic control unit (Body Computer) is replaced, the system will ask the user to enter the secret code according to the procedure described in the paragraph below.

Entering the secret code

When the system is switched on, if the code is requested, the display will show "Please enter Anti-Theft Code" followed by the screen showing a keypad to enter the secret code.

The secret code is made up of four digits, from 1 to 9: to insert the first number of the code press the corresponding key on the display. Enter the other code digits in the same way.

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.

Car radio passport

This document certifies ownership of the system. The car radio passport shows the system model, serial number and secret code.

In the case of loss of the radio passport, contact the Fiat Dealership, taking an ID document and the vehicle ownership documents.

WARNING Keep the car radio passport in a safe place so that you can give the information to the relevant authorities if the system is stolen.

IMPORTANT NOTES

Look at the screen only and when it is necessary and safe. If you need to look at the screen for a long time, pull over to a safe place so as not to be distracted while driving.

Immediately stop using the system in the event of a fault. Otherwise the system might be damaged.

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

WARNING

221) *Follow the safety rules here below: otherwise serious injuries may occur to the occupants or the system may be damaged.*

222) *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

66) *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.*
67) *Do not use the display as a base for supports with suction pads or adhesives for external navigators or smartphones or similar devices.*

CONTROLS ON FRONT PANEL

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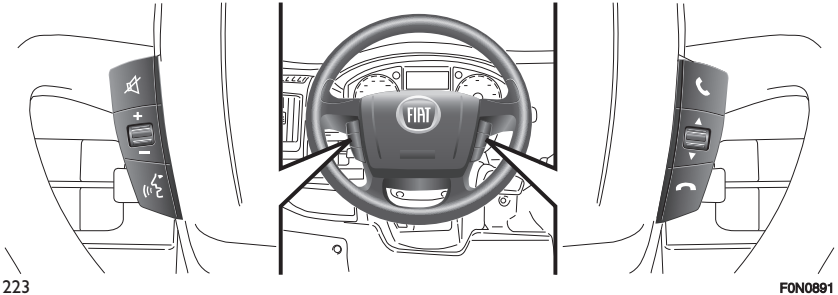
FRONT CONTROL PANEL SUMMARY TABLE

Button	Functions	Mode
1- ⏻	Ignition	Brief button press
	Switching off	Brief button press
	Volume adjustment	Left/right rotation of knob
2- 🔇	Volume activation/deactivation (Mute/Pause)	Brief button press
3- SCREEN ON/OFF	Display on/off	Brief button press
4- ⚙	Settings	Brief button press
5- BACK	Exit the selection/return to previous screen	Brief button press
6- BROWSE ENTER	Scrolling the list or tuning to a radio station	Left/right rotation of knob
	Confirmation of the option displayed	Brief button press
7- MORE	Access to the additional functions (display of Time, Trip Computer, external temperature)	Brief button press
8- PHONE	Phone data display	Brief button press
9- TRIP (**Uconnect™** 5" Radio)	Access to the Trip menu	Brief button press
9- NAV (**Uconnect™** 5" Radio Nav)	Access to the Navigation menu	Brief button press
10- MEDIA	Support selection: USB, **Bluetooth®**	Brief button press
11- RADIO	Access to the Radio mode	Brief button press

CONTROLS ON THE STEERING WHEEL

The controls for the main system functions are present on the steering wheel to make control easier.
The activation of the function selected is controlled, in some cases, by how long the button is pressed (short or long press) as described in the table below.



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STEERING WHEEL CONTROLS SUMMARY TABLE

Button	Interaction (pressure/rotation)
	❒ Acceptance of incoming call ❒ Acceptance of the second incoming call and putting the active call on hold ❒ Activation of voice recognition for Phone function ❒ Interruption of the voice message in order to give a new voice command ❒ Interruption of voice recognition
	❒ Rejection of incoming call ❒ Ending of call in progress
	❒ deactivation/reactivation of the microphone during a phone conversation ❒ activation/deactivation of the USB, **Bluetooth®** source Pause ❒ activation/deactivation of radio Mute function

Button	Interaction (pressure/rotation)
+/–	Turning the left wheel upwards or downwards: adjust audio volume; hands-free; SMS message reader; voice announcements and music sources Short press: volume increase/decrease in single steps Long press: volume continuous increase/decrease until released
	❒ Activation of voice recognition ❒ Interruption of the voice message in order to give a new voice command ❒ Interruption of voice recognition
▲▼	Turning right wheel upwards or downwards: ❒ Short press (Radio mode): selection of next/previous station ❒ Long press (Radio mode): scan higher/lower frequencies until released ❒ Short press (USB, **Bluetooth®**): selection of previous/next track ❒ Long press (USB, **Bluetooth®**): fast forward/rewind until released

SWITCHING THE SYSTEM ON/OFF

The system is switched on/off by pressing the button/knob.
Turn the button/knob clockwise to increase the radio volume or anticlockwise to decrease it.

Radio (Tuner) mode

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.
In the middle: display of the name of the current radio station and the buttons for selecting the previous or next radio station. At the bottom: display of the following buttons:
❒ "Browse": list of the radio stations available;
❒ "AM/FM", "AM/DAB", "FM/DAB": selection of the desired frequency band (button reconfigurable according to the band selected: AM, FM or DAB);
❒ "Tune": manual radio station tuning (not available for DAB radio);
❒ "Info": additional information on the source being listened to;
❒ "Audio": access to the "Audio Settings" screen.

Audio menu

To access the "Audio" menu, press the button on the front panel, scroll through the menu, then select and press the "Audio" option on the display.
The following adjustments can be carried out using the "Audio" menu:
❒ "Equalizer" (for versions/markets, where provided);
❒ "Balance/Fade" (left/right and front/rear audio balance adjustment);
❒ "Volume / Speed" (excluding versions with Hi-Fi system) speed-dependent automatic volume adjustment;
❒ "Loudness" (for versions/markets, where provided);
❒ "Auto-On Radio";
❒ "Radio Off Delay".
To exit the "Audio" menu, press the ⬅/Done button.

MEDIA MODE

Press the "Source" button to select the desired audio source among those available: USB or **Bluetooth®**.

Track selection (browse)

Use this function to scroll through and select the tracks on the active device.
The choices available depend on the device connected.
For example, on a USB or **Bluetooth®** device, you can scroll through the list of artists, genres and albums available on the device, depending on the information available in the tracks.

WARNING A few **Bluetooth®** devices do not offer the possibility of scrolling tracks through all categories.

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.
Press the "Browse" graphic button to activate this function on the source being played.
Turn the BROWSE ENTER button/knob to select the desired category and then press the button/knob to confirm the selection. Press the "X" graphic button to cancel the function.

Bluetooth® SOURCE

This mode is activated by pairing a **Bluetooth®** device containing music tracks with the system.

PAIRING A Bluetooth® AUDIO DEVICE

To pair a **Bluetooth®** audio device, proceed as follows:
❒ activate the **Bluetooth®** function on the device;
❒ press the MEDIA button on the front panel;
❒ if the "Media" source is active, press the "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 button on the front panel and selecting "Phone/Bluetooth".

WARNING If the **Bluetooth®** connection between mobile phone and system is lost, consult the mobile phone handbook.

USB SOURCE

To enable USB mode, insert an appropriate USB device into the USB port on the vehicle.

223)

If a USB device is inserted with the system on, it will start playing the tracks found on the device.
NOTE 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 operation: a dedicated message will appear on the **Uconnect™** system display.

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

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.

PHONE MODE

PHONE MODE ACTIVATION

Press the PHONE button on the front panel to activate the Phone mode.
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 device to make access and connection easier and quicker;
❒ transfer calls from the system to the mobile phone and vice versa and deactivate the microphone audio for private conversations.
The mobile phone audio is transmitted through the audio system of the vehicle; the system automatically mutes the radio when the Phone function is used.

PAIRING A MOBILE PHONE

WARNING Carry out this operation only with vehicle stationary and in safety conditions; this function is deactivated when the vehicle is moving.

The pairing procedure for a mobile phone is described below: always consult the handbook for the mobile phone in any case.

To pair the mobile phone, proceed as follows:

❒ activate the **Bluetooth®** function on the mobile phone;

❒ press the PHONE button on the front panel;

❒ if no phone is paired with the system yet, the display shows a dedicated screen;

❒ select "Yes" to start the pairing procedure, then search for the **Uconnect™** device on the mobile phone (if "No" is selected, the Phone main screen is displayed);

❒ when prompted by the mobile phone, use its keypad to enter the PIN code shown on the system display or confirm on the mobile phone the PIN displayed;

❒ from the "Phone" screen you can always pair a mobile phone by pressing the "Settings" graphic button: press the "Add Device" graphic button and proceed as described above;

❒ 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 favourite.

NOTE The priority is determined according to the order of connection for mobile phones which are not set as favourite. The last phone connected will have the highest priority.

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™**.

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 the icon (mobile phone phonebook);

❒ selecting "Recent Calls";

❒ selecting the icon;

❒ pressing the "Redial" graphic button.

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 message exchange function through **Bluetooth®**.

If this function is not supported by the phone, the corresponding graphic button is deactivated (greyed out).

When a text message is received, the display will show a screen where the options "Listen", "Call" or "Ignore" can be selected.

Press the graphic button to access the list of text messages received by the mobile phone (the list displays a maximum of 60 messages received).

SETTINGS

Press the button on the front panel to display the "Settings" main menu.

NOTE The menu items displayed vary according to the versions.

The menu includes the following items:

❒ Display;

❒ Clock & Date;

❒ Safety/Assistance (for versions/markets, where provided);

❒ Lights (for versions/markets, where provided);

❒ Doors & Locks;
❒ Audio;
❒ Phone/Bluetooth;
❒ Radio;
❒ Restore Default Settings.

Safety/Assistance

(for versions/markets, where provided)

Rain sensor: The sensitivity of the rain sensor can be adjusted with this function (for versions/markets, where provided).

Lights (for versions/markets, where provided): This function can be used to carry out the following adjustments:

Headlight sensor: adjustment of headlight activation sensitivity;

❒ "Automatic High Beam/High Beam Control" (for versions/markets, where provided): activation/deactivation of automatic main beam headlights.

❒ "Daytime Running Lights" (DRL) (for versions/markets, where provided): activation/deactivation of daytime running lights;

❒ "Cornering lights" (for versions/markets, where provided): activation/deactivation of the cornering lights; Doors and Door locks. This function activates/deactivates automatic door locking when the vehicle is in motion ("Autoclose" function).

"MORE" MODE

Press the MORE button on the front panel to display the operating settings:

❒ External temperature
❒ Clock
❒ Compass (only for **Uconnect™** 5" Radio Nav)
❒ Trip Computer (only for **Uconnect™** 5" Radio Nav)
❒ Settings (only for **Uconnect™** 5" Radio Nav)

NAVIGATION

⚠ 224)

(Only for **Uconnect™** 5" Radio Nav)

Planning a route

WARNING In the interest of safety and to reduce distractions while you are driving, you should always plan a route before you start driving.

Using the destination search function, it is possible to find and reach your destinations in different ways: searching for a specific address, a partial address, a specific type of location (for example a service station or a restaurant), a postal code, a POI (Point Of Interest) near your current position (for example, a restaurant with the search type set to "nearby"), a pair of latitude and longitude coordinates, or by selecting a point on the map.

Select “Search” in the Main menu and set the search for a destination. While entering the information, the list displays the corresponding addresses and POIs in two separate lists.

The corresponding address and city are displayed in the Address list and the POI, the type of POIs and the locations are displayed in the Point of Interest lists.

To plan a route towards the destination, select the “Guide” button.

A route is planned and you are guided to your destination, using spoken instructions and on-screen directions.

Activating the "Charging Station" POI

To view the available charging stations on the map, activate "Charging Station" in the list of available POIs via the "Options" menu.

NOTE By default "Charging Station" is an activated POI.

To activate "Charging stations":

❒ on the Map view, select "Options";
❒ select the "Choose POIs" option.

A list of POIs which can be turned on or off will be displayed. Make sure the "Charging Station" option is set to "ACTIVE".

Viewing Charging Stations on the map

If the POI option "Charging station" is selected in the "Options" menu, you will see the nearby charging stations on the map.

Charging station details

To see the details of the POI Charging Station select a POI "Charging Station" shown on the map and then the "View Location" button.

To display the name of the charging station select the centre of the POI icon on the map.

Select the "Additional Information" button to the right of the charging station name to display the location details:

❒ POI Name

❒ The icon P shows whether a parking space is available near the charging station.

❒ The "Show info" button indicates whether more detailed information is available:

- Type of category/DI name with phone number
- Street Address
- List of charging points and their type of connection for recharging
- Charging structures
- Any restrictions (for versions/markets, where provided)
- Electricity supplier

Searching for charging stations using the "Find" function

You can search for a charging station using the "Find" function.

❒ on the map select "Find";

❒ select "Nearby POIs", then "Charging Station" from the list of POI categories. A list of all nearby charging stations will be displayed;

❒ entering the name of the desired charging station or part of it at the top of the screen to display a list of the corresponding names;

❒ select the desired station to display it on the map.

VOICE COMMANDS

NOTE Voice commands are not available for languages not supported by the system.

To use the voice commands, press the button ("Voice" button) or ("Phone" button) on the steering wheel and give the command you want to activate, out loud.

Global

The following voice commands can be given after pressing the button on the steering wheel :

❒ Help

❒ Cancel

❒ Repeat

❒ Voice tutorial

Phone

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

❒ Phonebook

❒ Search <John Smith> in phonebook

❒ Show text message

❒ Send a text message

❒ Show messages

Radio

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 "radio name" FM

❒ Tune to "radio name"

Media

The following voice commands can be given after pressing the button on the steering wheel :

- Play song...
- Play album…
- Play artist…
- Play genre…
- Play playlist…
- Play podcast…
- Play audiobook…
- Play track number...
- Select the source...
- View...

Navigation

(only for **Uconnect™** 5" Nav)

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".

The following voice commands can be given after pressing the button on the steering wheel :

- Navigate home
- 2D vision
- 3D vision
- Clear route
- Add Favourite
- Repeat instruction

WARNING

223) *When connecting a USB device to the USB port, make sure that it does not obstruct the operation of the handbrake lever.*

224) *In the interest of safety and to reduce distractions while you are driving, you should always plan a route before you start driving.*

MOPAR® CONNECT

(where provided)

These services let you keep your vehicle under control at all times and receive assistance in the event of accident, theft or breakdown.

The presence of the services depends on the country (list available on the www.driveuconnect.eu website) and request activation by following the instructions received at the email address given when your vehicle was handed over to you.

SERVICES

According on the equipment of the vehicle and of the country, different services may be available for different durations. Go to the personal page on the official Fiat Professional website for m ore information about your vehicle.

Some of the packages made available to the customer are:

- **my:Assistant:** package for customer assistance in case of 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 vehicle.
- **my:RemoteControl:** package for managing remote functions from the **Uconnect™ LIVE** smartphone app, such as vehicle location on the map or door locking/unlocking.
- **my:Car:** remote monitoring package from the **Uconnect™ LIVE** App for vehicle status, such as battery charge level and tyre pressure.
- **my:Journey:** package for viewing and managing your journeys using the **Uconnect™ LIVE** app with dates, maps, personal notes and travel reports.
- **my:eCharge:** package dedicated to electric vehicles that, through dedicated features and mobile apps, allows you to find, use, pay and track recharging operations at public charging stations (easy Charge), in addition to being able to manage

charging even with a Wallbox charging station connected.

❒ **my Fleet Manager** package for managing cars and light commercial vehicle fleets efficiently and safely.

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®** section of the www.driveuconnect.eu portal.

PRIVACY MODE

Privacy mode lets you disable the "Find car", "Notify Area" and "Notify Speed" services, which allow registered customers to locate their vehicle, for a fixed time.

WARNING Vehicle position tracing remains active for the assistance services, where provided, in the event of accident or vehicle theft, but is not visible to the customer.

PRIVACY MODE activation procedure

Proceed as follows:

❒ take note of the total odometer reading;

❒ make sure that the instrument panel is off;

❒ Send the following text message to +393424112613: "PRIVACY <VEHICLE_CHASSIS_NUM> <TOTAL_MILEAGE_KM>" (e.g.: PRIVACY ZFA3340000P123456 12532). You can find the vehicle identification number in the registration document;

❒ before starting the motor, wait to receive the text message confirming that Privacy mode has been activated and indicating when it expires.

When you have received the confirmation, you can start your trip in the knowledge that the vehicle will not be traced until the indicated expiry time. If it expires while you are still travelling, Privacy mode will be extended until you turn off the motor (instrument panel off).

If you receive a text message indicating that your request was not successful, you must be aware that the vehicle will continue to be visible to the registered customer.

If you have any problems during activation, consult the FAQ on the www.driveuconnect.eu portal, contact the Fiat Dealership or contact Customer Care.

OFFICIAL TYPE APPROVALS

Radio devices

eLUM

All radio equipment supplied with the vehicle complies with the 2014/53/EU directive.

For further information visit the www.mopar.eu/owner or http://aftersales.fiat.com/elum/ websites.

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 go to www.mopar.eu/owner or http://aftersales.fiat.com/elum.

IMPORTANT

CIGARETTE LIGHTER

❒ The cigar lighter becomes very hot. Handle it carefully and make sure that children don't touch it: risk of fire and/or burning.

ROOF RACK/SKI RACK

❒ After travelling for a few kilometres, check to ensure that the fixing screws for the attachments are well tightened.

❒ Distribute the load evenly and pay attention to side winds when driving.

ACCESSORIES PURCHASED BY THE OWNER

❒ Take care when fitting additional spoilers, alloy wheels 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.).

WHEELS

❒ DO NOT fit wheel hub caps when using integral hub caps fixed (with springs) to the steel rim and after sale tyres provided with a Rim Protector. Use of unsuitable tyres and wheel caps may cause sudden decrease of tyre pressure.

IMPORTANT

ROOF RACK/SKI RACK

❒ Fully comply with the regulations in force concerning maximum clearance.

❒ Never exceed the maximum permitted loads (see "Technical Specifications" section).

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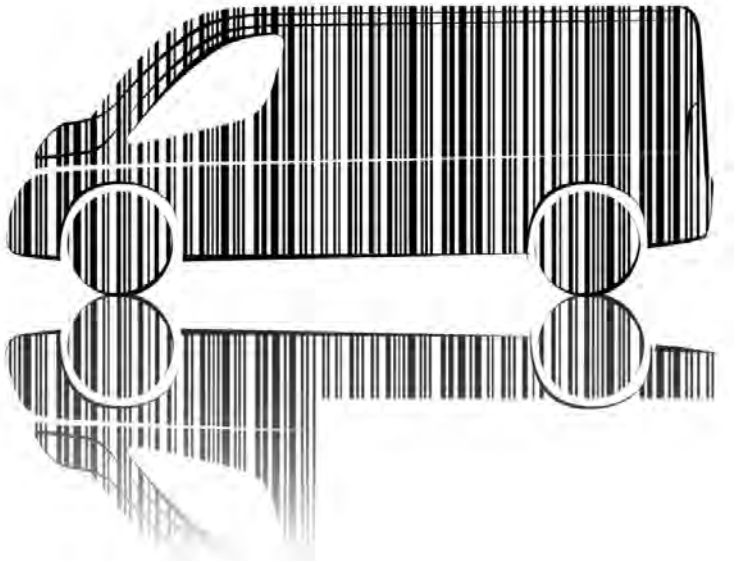
CHOOSING GENUINE PARTS
IS THE MOST NATURAL CHOICE



PERFORMANCE

COMFORT

SAFETY

AMBIENT

ACCESSORIES

VALUES

HOW TO RECOGNISE GENUINE PARTS

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.

MAINTAIN YOUR VEHICLE IN TIP TOP CONDITIONS WITH

MOPAR® VEHICLE PROTECTION

Mopar Vehicle Protection offers a series of service contracts that are designed to give all our customers the pleasure of driving their vehicle without any hitch's and concerns.

Our product portfolio consists of a wide and flexible range of **extended warranty and maintenance plans** endorsed by FCA. Each with a series of **different coverage tiers, in terms of durability and mileage**, built to accommodate you're driving needs.

Service contracts are made by experts that know every part of your vehicle, and commit themselves to **maintain it in tip top conditions**. Our knowledge and passion is tailored around designing products that promises all our drivers "worry-free driving".

Only with Mopar Vehicle Protection you are ensured that all service operations are performed by **highly qualified and specialized technicians in authorized FCA repair facilities, using the right tools, equipment and only original parts, all over Europe**.

Check which Service Contract plans are available on your market today and choose the Service Contract that suits your driving habits best.

Ask your local dealer for further information.

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.**

SAFETY:
BRAKING SYSTEM

ENVIRONMENT: PARTICULATE FILTERS,
CLIMATE CONTROL MAINTENANCE

COMFORT: SUSPENSION
AND WINDSCREEN WIPERS

PERFORMANCE: SPARK PLUGS,
INJECTORS AND BATTERIES

LINEACCESSORI
ROOF RACK BARS, WHEEL RIMS

ENGLISH