F I A T D U C A T O



A U S T R A L I A N S U P P L E M E N T

WARNING!



• The integrated key fob contains a coin cell battery. Do not ingest the battery or place in any parts of the body; there is a chemical burns hazard. If the coin

cell battery is swallowed, it can cause severe internal burns in just two hours or less and can lead to death.

- If you think a battery may have been swallowed or placed in any part of the body, seek immediate medical attention.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

- FIAT DUCATO II SERIES.
- SAFE WORKING LOAD 2400 kg
- WARNING: DO NOT GET UNDER A VEHICLE THAT IS SUPPORTED ONLY BY A JACK: USE VEHICLE ISUPPORT STANDS.
- TO RAISE JACK: ATTACH HANDLE AND ROTATE CLOCKWISE.

Jack advice label, which is applied directly on to the jack and contains information about its use.

Warning: When jacking the vehicle it is recommended that the wheels of the vehicle be chocked, and that no person should remain in a vehicle that is being jacked. No person should place any portion of their body under a vehicle that is supported by a jack.

GENERAL CAUTIONS FOR THE USE OF SEAT BELTS

The driver must comply with (and have the vehicle occupants follow) all the local regulations concerning seat belts.



WARNING: Seat belts are designed to bear up on the bony structure of the body,

and should be worn low across. the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.



WARNING: Seat belts should be adjusted as firmly as possible,

consistent with comfort, to provide the protection for which they have been designed. A slack seat belt will greatly reduce the protection afforded to the wearer.



WARNING: Care should be taken to avoid contamination of the

webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.



WARNING: It is essential to replace the entire assembly after it has been

worn in a severe impact even if damage to the assembly is not obvious.



WARNING: Belts should not be worn with straps twisted



WARNING: Fach helt assembly must only be used by one occupant: it

is dangerous to put a belt around a child being carried on the occupant's lap.



WARNING: No. modifications or additions should be made by the

user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat assembly from being from being adjusted to remove slack.



WARNING: Seat belts are intended for use by adult sized occupants.

FCA Italy S.p.A. - MOPAR - Technical Services - Service Engineering Largo Senatore G. Agnelli, 3 - 10040 Vovera - Torino (Italia)

P/N AUSS8SUPGUIDE - 04/2022

F I A T **D U C A**



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

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. You should read it right through before taking to the road for the first time.

You will find information, tips and important warnings regarding the use of your vehicle to help you get the most from the technological features of your Fiat Ducato. It also provides a description of special features and essential information for the care and maintenance of your vehicle over time as well as for safe driving.

We urge you to read the warnings and indications found throughout the text with care, marked with the following symbols:



personal safety;



vehicle integrity;



environmental protection.

NOTE These symbols, when necessary, are reported at the end of each paragraph and are followed by a number. That number recalls the corresponding warning at the end of the relevant section.

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 driving!

This Owner Handbook describes all Fiat Ducato versions. As a consequence, you should only consider the information which is related to the trim level, engine and version 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

REFUELLING



Only refuel with automotive diesel conforming to the European specification EN590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused.

STARTING THE ENGINE



Make sure that the parking brake is engaged; set the gear lever to neutral; fully depress the clutch pedal without pressing the accelerator, then turn the ignition key to MAR and wait for the warning lights and to switch off; turn the ignition key to AVV and release it as soon as the engine has started.

PARKING ON FLAMMABLE MATERIAL



The catalytic converter develops high temperatures during operation. Do not park on grass, dry leaves, pine needles or other flammable material: fire hazard.

RESPECTING THE ENVIRONMENT



The vehicle is fitted with a system that allows continuous diagnosis of the emission-related components in order to help protect the environment.

ELECTRICAL ACCESSORIES



If, after buying the vehicle, you decide to add electrical accessories (with the risk of gradually draining the battery), 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), (evehicle integrity).

GRAPHICAL INDEX



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KNOWING THE INSTRUMENT PANEL



SAFETY



STARTING AND DRIVING



IN CASE OF EMERGENCY



SERVICING AND MAINTENANCE



TECHNICAL SPECIFICATIONS



MULTIMEDIA



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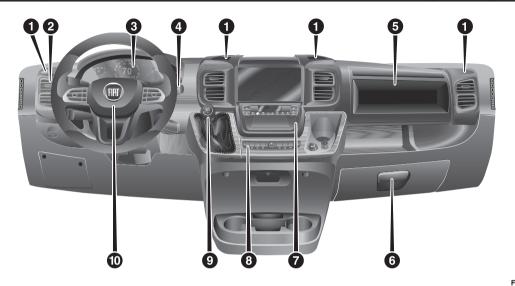
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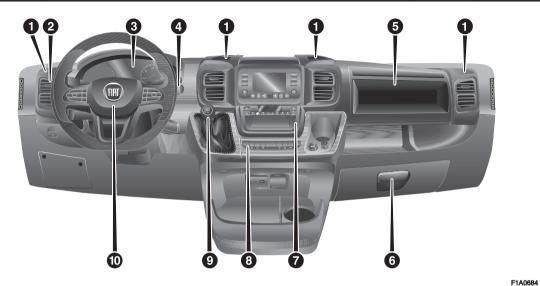
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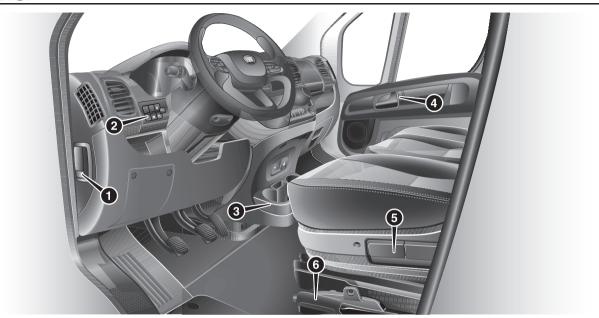


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KNOWING YOUR VEHICLE

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.

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SYMBOLS

Some vehicle components have coloured labels whose symbols indicate precautions to be observed when using this component. Under the bonnet there is also a label that summarises all the symbols.

VEHICLE MODIFICATIONS / ALTERATIONS

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

THE FIAT CODE SYSTEM

IN BRIEF

This is an electrical engine locking system which increases protection against attempted theft of the vehicle. Operation is automatic, regardless of the fact that the vehicle doors are locked or unlocked.

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.

A 10

OPERATION

Each time the vehicle is started turning the ignition device 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 device 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 no n the instrument panel turns on accompanied by the related message on the display (see section "Warning lights and messages").

In this case, return the ignition device to the **STOP** position and then to **MAR**. If the lock persists try again with the spare set of keys. 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 micon / 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

1) The electronic components inside the key may be damaged if the key is subjected to strong shocks. In order to ensure complete efficiency of the electronic devices inside the key, it should never be exposed to direct sunlight.

THE KEYS

1 1) **2** 2) 3)

MECHANICAL KEY

(for versions/markets, where provided) The metal part (A) fig. 6 of the key is fixed.

The key operates:

- ☐ the ignition device;
- ☐ the door lock;
- □ opening and closing of the fuel tank cap;
- ☐ the battery disconnect switch.



F1A0602

Versions with "Keyless Go" system

On versions equipped with the "Keyless Go" system, the vehicle is fitted with a mechanical key.

The metal part (A) fig. 7 of the key is fixed.

The key operates:

- □ opening and closing of the fuel tank cap;
- the lock on the dashboard drawer;
- $\hfill \blacksquare$ the battery disconnect switch.



F1A0008

KEY WITH REMOTE CONTROL

(for versions/markets, where provided) The metal insert (A) fig. 8, fig. 9 or fig. 10 is retractable and operates:

- ☐ the ignition device;
- ☐ the door lock;
- □ opening and closing of the fuel tank cap;

☐ the lock on the dashboard drawer;
☐ the battery disconnect switch.

Version with 3 sensors

Press button (B) fig. 8 to open/close the metal insert.



F1A0615

Version with 2 sensors

Press button (B) fig. 9 or (B) fig. 10 to open/close the metal insert.



(Where provided)



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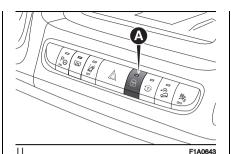


Dashboard LED indications

For vehicles not provided with alarm system, when locking the doors, the LED (A) fig. 11 on for about 3 seconds and then starts flashing (deterrence function).

When the doors are locked, if one or more doors are not closed correctly, the LED and direction indicators start flashing quickly.

For vehicles equipped with an alarm system, the LED will flash quickly when the doors are centrally locked for about 3 seconds. The LED will flash more slowly when the alarm is on.



ELECTRONIC KEY

(versions with Keyless Go system)
On versions equipped with "Keyless Go" system, the vehicle has an electronic key fig. 12, of which two copies are provided.

The button configuration may vary depending on the vehicle.



12 F1A0603

OPERATION

Unlocking doors and load compartment

Briefly press the button 🗗 / 🛅 (where provided): unlocking of the load compartment doors, timed switching-on of internal lights and double flashing of direction indicators (where provided).

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

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

The doors can always be unlocked by putting the metal insert inside the driver side door lock.

instrument panel" chapter.

Door lock and load compartment

Briefly press the **1 "FIAT"** / **1** button: locking of doors and load compartment with ceiling light off and single flash of direction indicators (where provided).





















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

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

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

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

Opening the load compartment

Press the putton once to open the load compartment remotely (where provided).

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

REPLACING THE BATTERY IN THE KEY WITH REMOTE CONTROL

***** 1)

To replace the battery, proceed as follows:



F1A0617

apply a small bit screwdriver to the points indicated by the arrows fig. 13 then remove the rear casing (A) fig. 14;



14 F1B0010C

- use a coin to turn inspection flap (B) anticlockwise and remove it:
- replace battery (C) with a new one of the same specifications, respecting its polarity:
- refit flap (B) turning it clockwise, then re-close the rear casing by pressing gently and making sure it is correctly locked.

REPLACING THE **ELECTRONIC KEY BATTERY**

To replace the battery, proceed as follows:

- r extract the metal insert in the electronic key (see description above): aently inserting the flat part of the screwdriver supplied with the vehicle into the seat (A) fig. 15 of the key to open it in two parts;
- remove the battery (B) fig. 16 (CR2032 type):





16 F1B0012C

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

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

reinsert the metal insert in the key.

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

REQUEST FOR ADDITIONAL KEYS

Key with remote control

The system can recognise up to 8 keys with remote control.

Electronic key

To guarantee that the engine starts and the vehicle operates correctly, use only electronic keys specifically coded for the electronics of the vehicle. If an electronic key is coded for a vehicle, it cannot be used on any other car.

Duplicating keys

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

A

WARNING

1) 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.

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



IMPORTANT



2) The electronic components inside the key may be damaged if the key is subjected to strong shocks. In order to ensure complete efficiency of the electronic devices inside the key, it should never be exposed to direct sunlight.



3) Do not place keys near the wireless charger.



条

IMPORTANT



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











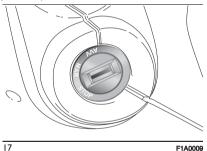


IGNITION DEVICE

Versions with mechanical key

The key can be turned to 3 different positions fig. 17:

- □ 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;
- ☐ AW: engine starting (unstable position).



The ignition device is fitted with an electronic safety system that requires the ignition key to be turned back to STOP if the engine does not start, before the starting operation can be repeated.

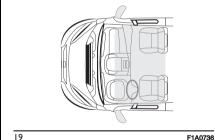
1 3) 4) 5) 6)

Versions with electronic key ("Keyless Entry" system)

To activate the ignition device fig. 18 the electronic key must be inside the passenger compartment within the first row of seats fig. 19.



18 F1A0610



The ignition device has the following possible states:

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

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

A 7) 8)

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

NOTE With the engine running, it is possible to go away from the vehicle taking the electronic key with you. The engine will still be running. The vehicle will indicate the absence of the key on board when the door is closed.

NOTE If the device does switch off the vehicle, refer to the "Knowing the instrument panel" section of the "Display" chapter, where provided, and contact the Fiat Dealership as soon as possible. For more information on the engine start-up, see the description in the "Starting and driving" section of the "Starting the engine" chapter.

STEERING COLUMN LOCK

Activation

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

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

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

Deactivation

Versions with mechanical key: slightly moving the steering wheel, turn the key to the MAR position.

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

WARNING To release the key smoothly on versions with automatic transmission/dual clutch automatic transmission, it is advisable to put the gear lever in the P position, release the

brake pedal safely and then stop the engine.



Extracting the ignition key for versions with automatic transmission

The ignition key can be removed only if the gear lever is in position P. If the engine is switched off with the gear lever in position P; move the lever to P within 5 seconds. Then it will be possible to remove the ignition key for about 30 seconds. If the described conditions and times are not respected, the ignition key will be automatically locked. To remove the ignition key, turn it to MAR and then to STOP repeating the procedure described above.

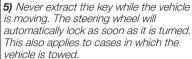


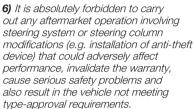
WARNING

3) If the ignition device has been tampered with (e.g. attempted theft), have it checked over by a Fiat Dealership before driving again.

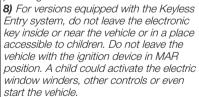
4) Always take the key with you when you leave your vehicle to prevent someone from accidentally operating the controls. Remember to engage the parking brake. Engage first gear if the vehicle is parked uphill or reverse gear if the vehicle is

parked downhill. Never leave children unattended in the vehicle.





7) Before leaving the vehicle, ALWAYS engage the parking brake. On versions with automatic transmission/dual-clutch automatic transmission, move the gear lever to P (Park) and press the ignition device to set it to STOP. When leaving the vehicle, always lock all the doors by pressing the button on the handle.



9) Never extract the mechanical 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.

10) It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g. installation of anti-theft





















device) that could adversely affect performance, invalidate the warranty, cause serious safety problems and also result in the car 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.

OPERATION

The alarm intervenes in the following instances:

- ☐ wrongful opening of a door or the bonnet (perimeter protection);
- when the ignition system is started up (ignition key turned to MAR-ON);
- cutting of the battery leads.

Depending on the market, activation of the alarm may cause the siren and the direction indicators to activate (for about 26 seconds). Alarm tripping and the number of cycles depend on the sales market.

There is a maximum number of acoustic/visual cycles. When this is reached the system returns to normal operation.

WARNING The engine stop function is guaranteed by the Fiat CODE, which

is automatically activated when the ignition key is extracted from the ignition switch.

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 or lock button or locking the vehicle using the Passive Entry/ Keyless Entry system.

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 or unlock the vehicle using the Passive Entry/Keyless Entry system, 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 "unlock door/unlock load compartment" button on the key with remote control or unlock the vehicle using Passive Entry/Keyless Entry system.

The following operations are performed (excluding some markets):

- ☐ direction indicators flash twice;
- $\hfill \square$ 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.

BREAK IN ATTEMPT INDICATION

Any break-in attempt is indicated by the turning on of warning light on the instrument panel, on some versions with the message on the

display (see "Warning lights and messages" paragraph in the "Knowing the instrument panel" section).

DISARMING THE ALARM

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

DOOR CENTRAL LOCKING/UNLOCKING

Locking from the outside

With the doors closed, press the FIAT"/ Dutton on the key fig. 20, fig. 21, fig. 22, fig. 23 or insert and turn the metal insert (A) in the driver's door lock clockwise. The doors will only be locked if all doors are shut.

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

If one or more of the doors is open after the TFIAT" / Doutton on the remote control is pressed, the direction indicators and the LED in the button

(A) fig. 24 will flash quickly for about 3 seconds. With the function on, the button (A) fig. 24 is disabled.

Double-tapping on the a "FIAT" / a button on the remote control activates the dead lock device (see "Dead lock" paragraph).

Door unlocking from the outside
Briefly press button fig. 20,
fig. 21 or fig. 23, or fig. 22 (where provided), according to the version, to remotely unlock the front doors, switch on the ceiling lights or, where provided, in a timed manner and flash the direction indicators.

Version with 3 sensors



20 F1A0615

Version with 2 sensors









21 F1A0616



(Where provided)







1844









23 F1A0603

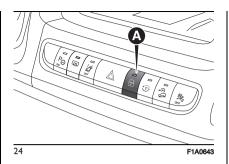
Locking/unlocking doors from the inside

Press the button (A) fig. 24 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 LED 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.

After locking the doors with the key with remote control or by turning the metal insert in the door latch, it will not be possible to unlock them using the button (A) fig. 24 on the dashboard.



WARNING For versions with automatic transmission and central locking already engaged, positioning the gear lever in the "P" position and operating the opening lever of one of the two front doors to disengage the central locking system. If central locking function is used with the gear lever already in the "P" position, the doors will not unlock centrally when the door opening lever is operated. For versions with manual transmission and central locking already engaged, with the clutch lever released, acting on the opening lever of one of the two front doors will disengage the central locking system. The doors will not be unlocked centrally if the door opening lever is operated before the clutch lever is released. The Setup Menu can be used to select whether to unlock the front only or the entire vehicle when either front door is opened.

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

While travelling, at speeds exceeding 20 km/h, all the doors will be locked automatically if the function was selected in the Setup menu.

PASSIVE ENTRY/KEYLESS ENTRY

(where provided)

A 4)

The Passive Entry/Keyless Entry can identify the presence of an electronic key near the doors of the vehicle.

The system allows the doors to be locked/unlocked without pressing any buttons on the electronic key.

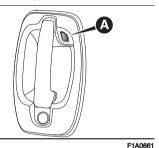
If the system identifies the electronic key detected outside the vehicle as a valid one, the key holder can simply press the button (A) fig. 25 on one of the two outer handles to deactivate the alarm and release the door opening mechanism.

Where the function is provided, pressing the button (A) on the driver's door unlocks the driver's side door or all doors depending on the mode set using the display menu or the **Uconnect**TM system.

Door locking / unlocking

To lock/unlock the doors, proceed as follows:

make sure that you have the electronic key with you and are near the driver or passenger door handle; ¬ press the door locking/unlocking button (A) fig. 25 on the handle: this will lock/unlock all doors. Locking the doors will also activate the alarm. (where provided).



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

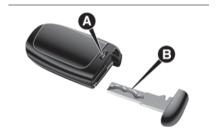
25

The vehicle doors can be locked anyway pressing the habutton on the electronic key or on the inner panel.

Driver side door emergency opening

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

□ use the device (A) fig. 26 and remove the metal insert (B) pulling it outwards; □ insert the metal insert in the driver side door lock and turn it to unlock the door.



NOTE The metal insert of the key has no forced insertion direction and can be inserted indifferently in the lock.

WARNING To avoid leaving the electronic kev inside the vehicle accidentally, the Passive Entry/Keyless Entry function features an automatic door unlocking function which operates if the ignition device is at OFF.

If one of the vehicle doors is open.

fig. 25 located on one of the front door

handles is pressed, or the button on

the inner panel fig. 24, once all the

open doors are closed, the vehicle

kevs.

control.

checks inside and outside the vehicle

for the presence of enabled electronic

If one of the electronic keys is detected

inside the vehicle and no other active electronic key is detected outside the vehicle, the Passive Entry/Keyless Entry function automatically unlocks

all the vehicle doors and operates the

If, on the contrary, one or more

passenger compartment, pressing

the button on the remote control

compartment are temporarily disabled.

To re-activate their correct operation.

press the button 500 on the remote

electronic kevs are inside the

the keys inside the passenger

direction indicators.

and the "door lock" A button (A)





















26 F1B0020C

Notes

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

- \blacksquare the doors were closed by pressing the button \bigcap in the inner panel;
- □ a valid electronic key is detected inside the vehicle and, outside the vehicle, no other electronic key is detected.

The vehicle will **not unlock** the doors if one of the following situations is present:

- ☐ if the doors have been locked manually using the door locking knobs (or the metal insert of the key, for the driver's door only);
- ☐ an electronic key close to the vehicle has been detected outside.

When the Passive Entry/Keyless Entry function is disabled using the display Menu or the **UconnectTM** system, the devices which provide protection against accidentally leaving the electronic key in the vehicle remain active.

Access to the load compartment

When approaching the sliding side door or the rear doors of the load compartment with the valid electronic key, press the button to lock/unlock (A) fig. 25 on the handle.

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

After closing the doors of the load compartment, the alarm system will be reactivated again.

WARNING If only the load compartment doors are unlocked and a key is detected inside the load compartment when closing the doors, the doors will remain open and the direction indicators will flash twice.

WARNING Before driving make sure that the load compartment doors are closed correctly.

Load compartment door lock

The doors of the load compartment of the vehicle can be locked by pressing the button on the electronic key or on the interior panel, or by pressing the button (A) on the handle fig. 25.

NOTE The opening of the load compartment is disabled while the vehicle is moving.

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

System activation/deactivation

The Passive Entry/Keyless Entry system can be activated/deactivated

through the display Menu or the **Uconnect™** system.

MECHANICAL LOCK OF PASSENGER SIDE CAB DOOR IN CASE OF EMERGENCY

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 (battery disconnected).

The device in fig. 27 can be engaged only with the passenger side cab door open.

Proceed as follows:

- ☐ insert the key in device (A) and move it upwards as shown in the figure to lock the door fig. 27;
- 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 battery power has been restored, press button 6^{-0} / 1 (where provided) on the key.



F1A0618

LOCKING/UNLOCKING THE LOAD COMPARTMENT

Lock activation is indicated by the LED in the button (D) fig. 28.

The LED comes on in the following cases:

□ after each door lock command generated by the button (D) fig. 28 or by button a in the dashboard:

m when the lock buttons on the key are pressed:

 □ when the Passive Entry/Keyless Entry system is used:

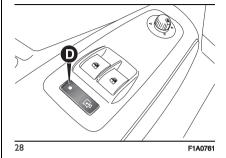
multiple when the instrument panel is activated:

upon opening of one of the front doors:

m when the door is locked at 20 km/h (if activated using 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 latch or by using the Passive Entry/Keyless Entry.



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. 24 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).

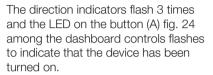
The dead lock device therefore offers the best possible protection against break in attempts. We recommend engaging it whenever the vehicle is parked and left unattended.

A 11)

Device activation

The dead lock device is automatically activated on every door with two short presses on the button a on the key with remote control fig. 23.

For vehicles equipped with the Passive Entry/Keyless Entry system, Dead Lock is activated every time the vehicle is locked using the button on the outside handle



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.

The device will not engage with the key in the MAR position. The device is only activated with the key in the STOP position.

Device deactivation

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

□ if the mechanical kev 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.





















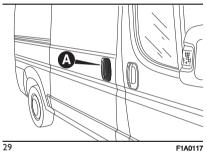
SLIDING SIDE DOOR

12) 13)

To open the sliding side door, lift the handle (A) fig. 29 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.



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

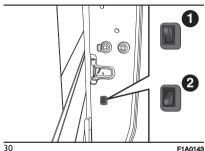
CHILD SAFETY DEVICE

(for versions/markets, where provided)
This system prevents the sliding side doors being opened from the inside.
The device fig. 30 can be engaged only with the sliding side door open:

☐ Position (1): Device not engaged (door may be opened from the inside); ☐ Position (2): Device engaged (door locked).

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

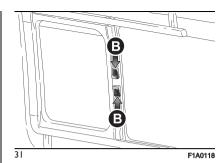
14)



SLIDING SIDE WINDOW

(for versions/markets, where provided) To open, keep the two handles (B) fig. 31 pressed toward one another and slide the window.

When the two handles are released, the sliding glass may stop in intermediate positions.

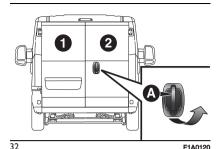


DOUBLE REAR SWING DOOR

15) 16)

Manual opening of the first swing door from the outside

Press the 🕒 button on the remote control (version with three buttons, fig. 20) or the button fell / 🔝 (where provided) on the remote control (version with two buttons, fig. 21, fig. 22) and operate the handle (A) fig. 32 in the direction indicated by the arrow.

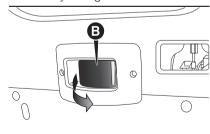


Manual opening of the first swing door from the inside

(for versions/markets, where provided) Pull the lever (B) fig. 33 in the direction indicated by the arrow.

Manual closure of the first swing door from the outside

Press button a on the key with the remote control. Close the left door first. followed by the right door.



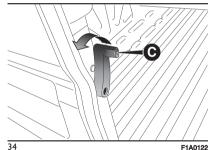
33 F1A0121

Manual opening of the second swing door

Pull the lever (C) fig. 34 in the direction indicated by the arrow.

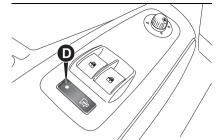
The double rear swing doors have two opening positions: the first to an angle of approximately 90° and the second is approximately 180°; on some trim versions/markets 270° opening is also available. To open the swing doors to 180°, or 270° (for versions/markets where provided), proceed as follows: reach 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).



Electric locking from inside

Close the two rear swing doors (first fig. 35 on the electric window control panel.



MOVING FOOTBOARD

(for versions/markets, where provided)

When the side door of the passenger

compartment or luggage compartment

is opened, a footboard emerges from

the lower part of the floorpan fig. 36 to

A 5)

36

















F1A0761













left, then right) and press the button (D)

REAR FOOTBOARD

(for goods carrier van versions)

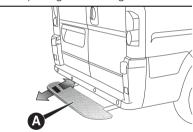
17) 18) 19) 20) 21)

(3)

The vehicle can be equipped with a rear retractable footboard (A) fig. 37, which aids climbing into and out of the rear load compartment.

The footboard can slide under the vehicle when not used so as not to increase the vehicle external dimensions.

The footboard slides manually both when opening and closing.



37 F1A0410



WARNING

11) 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.

- **12)** Before leaving the vehicle parked with sliding doors open, always check that the latch is engaged.
- **13)** Do not move the vehicle with side doors open.
- **14)** Always use this device when carrying children.
- **15)** 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.
- **16)** 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.
- **17)** It is forbidden to drive the vehicle with the footboard open.
- **18)** Do not use the retracted footboard for getting up or down the load compartment.
- 19) Make sure that the footboard is suitably locked by the provided retaining systems before, after and during its use. An incomplete opening or closing might cause an improper movement of the footboard with risks arising for the operator and external users.
- **20)** Before setting off after parking or before moving the vehicle in any way, ensure the footboard is fully stowed away. As the movement of the platform is linked to that of the sliding side door, the dedicated symbol appears on the

instrument panel display if it is not fully retracted in the same way as if the rear doors are not shut.

21) The footboard lightly projects from the vehicle even if retracted; therefore, when rear parking sensors are provided, their operating range is lightly reduced.



IMPORTANT

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

5) The footboard presence may reduce the ramp approach angles; it is therefore recommended, in case of a very steep ramp, to be very careful in order not to damage the footboard.

SEATS

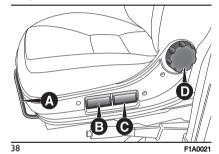
A 22)

A 6)

Longitudinal adjustment

Lift lever (A) fig. 38 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.





Height adjustment

To raise the seat: while seated, move the lever (B) fig. 38 (front part of the seat) or the lever (C) fig. 38 (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 he lowered

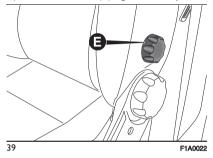
Backrest angle adjustment

Turn knob (D) fig. 38.

A 24)

Lumbar adjustment

Operate the knob (E) fig. 39 to adjust.



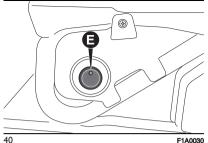
Front heated seats

(where provided)

The heated front seats, where provided, are controlled in ON/OFF mode with the physical button (E) fig. 40 positioned in the lower part of the seat facing outwards.

With the key at MAR, press button (E) to switch the function on/off.

IMPORTANT In order to preserve the battery, this feature cannot be activated when the engine is off.



























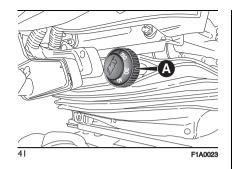
SPRUNG SEAT

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

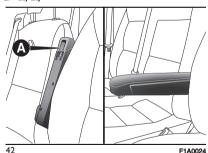
Use the knob (A) fig. 41 to set the desired adjustment according to your body weight, in the range 40 kg to 130 kg.



SEATS WITH ADJUSTABLE ARMRESTS

The driver and passenger seats may be equipped with an armrest that can be raised and adjusted for height. Operate the wheel (A) fig. 42 to adjust.

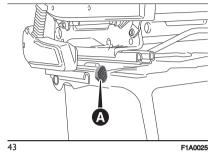


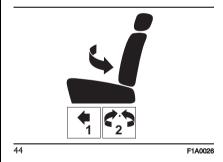


SEAT WITH REVOLVING BASE

(for versions/markets, where provided) It may be turned through 180° toward

the seat on the opposite side. Operate the control (A) fig. 43 to turn the seat. Before turning the seat, it must be moved forward and only then adjusted longitudinally fig. 44.



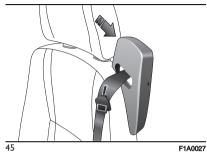


REVOLVING SEAT WITH SEAT BELT

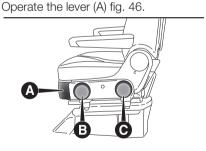
(for versions/markets, where provided) It is equipped with a three-point seat belt fig. 45, two adjustable armrests (for

their adjustment, see the "Seats with adjustable armrests" paragraph) and a head restraint with adjustable height (adjusting it, see the "head restraints" paragraph).

<u>(1</u> 27)



Backrest angle adjustment



Height adjustment

Operate the controls (B) fig. 46 or (C) fig. 46 to raise or lover the front/rear part of the seat, respectively.

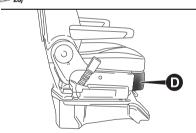
Seat rotation

It may be turned through 180° toward the seat on the opposite side and approximately 35° toward the door. It may be locked in driving position or at 180°.

Operate the lever (D) fig. 47 (located on the right side of the seat) to turn the seat.

Before turning the seat, it must be moved forward and only then adjusted longitudinally fig. 44.

A 28)



47 F1A0029

(for versions/markets, where provided) The vehicle may be equipped with the Captain Chair fig. 48, which, depending on the version, may have various

adjustments (revolving or fixed, with seat belt, etc.) or heated.

For the various adjustments refer to what is described in the previous paragraph "Revolving seat with seat belt").

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. 49 and lower the flap. The flap is equipped with two cup holder indents and a support surface with a paper holder clip.

A 29)





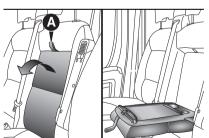












48



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EAT&WORK TABLE

(for versions/markets, where provided) The seat is equipped with a folding table. To extract the table:

pull the tab (A) fig. 50;

□ accompany the armrest throughout its travel until it is horizontal.

The table has a glass holder, a storage compartment and a shelf that can rotate (3 positions on each side: 20°, 40°, 60° fig. 52).

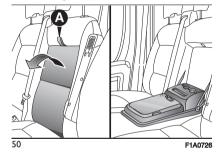
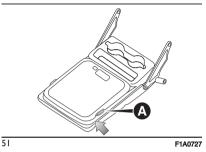


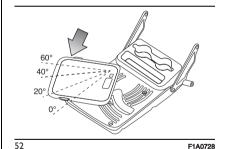
Table rotation to the right (passenger side)

☐ Press the (A) fig. 51 button;
☐ push the table with a certain force indicated by the arrow fig. 51;
☐ the table will rotate to the first of the

☐ the table will rotate to the first of the intermediate positions fig. 52. Continue pushing to reach the second position and then the final position. Each position will be perceived with stops;

☐ no buttons need to be pressed to return to the closed position. It will be sufficient to push in the area indicated by the arrow fig. 52 to overcome all the intermediate steps.

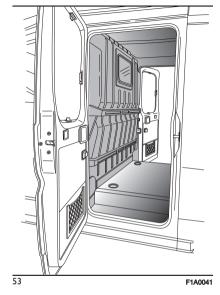




WARNING Never use the table while the vehicle is moving.

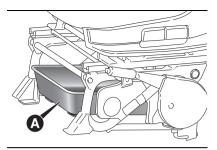
CARGO SPACE

(For versions/markets, where provided) Depending on the version, you can request an additional load compartment fig. 53 located behind the cab.



TRAY UNDER THE SEAT

(for versions/markets, where provided) Under the driver's seat, there is a tray (A) fig. 54, which can be easily removed by sliding it out of the clips on the support base.



54 F1A0032

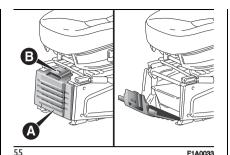
SEAT BASE PLASTIC **COVERS**

(for versions/markets, where provided) The front trim (A) fig. 55 can be opened by using the release handle (B) fig. 55 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.

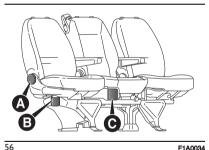
To allow removal of the front cover. it must be turned as far forward as possible and withdrawn from the hooks on the lower side by pulling toward the front of the vehicle.



PANORAMA VERSIONS

Adjustment of passenger seat reclining backrest

Turn knob (A) fig. 56.



Access to second row seats

To access the second row of seats. operate the lever (B) fig. 56 on the right outside seat in the first row and tilt the backrest forward, accompanying it with vour 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. 56 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. 57 and tilt the backrest forward.

Stacked position

Proceed as follows:

- remove the head restraints from the Easy Entry position;
- lift the lever (B) fig. 58 (located under the lever (A) fig. 57) with your right hand:











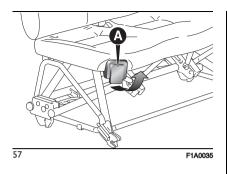




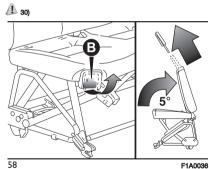






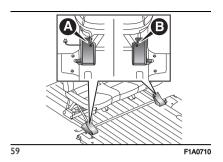


- turn the backrest 5° towards the rear area;
- fold the backrest forward with your left hand.

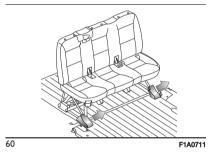


Removing the bench

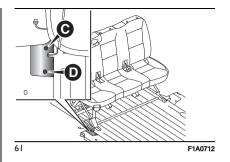
☐ Undo the screws (A) and (B) fig. 59;



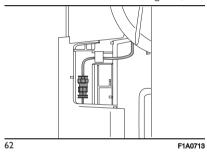
remove the plastic casing of the benches fig. 60;



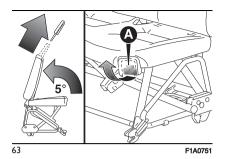
☐ undo the screws (C) and (D) and remove the heater cover fig. 61;



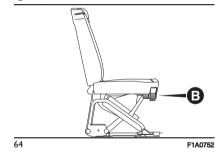
disconnect the connector fig. 62;



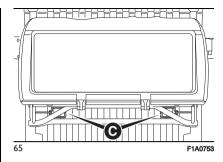
☐ lift the lever (A), tilt the backrest forward into the Easy Entry position and pull out the head restraints fig. 63;



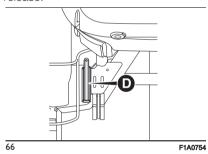
pull the handle (B) positioned under the cushion and fold down the backrest fig. 64;



☐ turn (C) clockwise fig. 65 for rear release:



☐ turn (D) clockwise fig. 66 for front release.

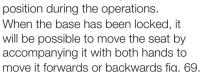


FLEX FLOOR REAR SEAT

To release the seat, proceed as follows:

- operate the rear release lever (A) fig. 67 to aid releasing the safety catch underneath it (movement 1);
- pull the black knob (B) fig. 67 (movement 2);

☐ lift the lever (A) (movement 3), over the retaining slider (C) fig. 68 (on the side) which holds the system in raised position during the operations.











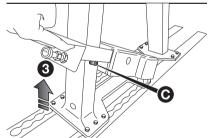






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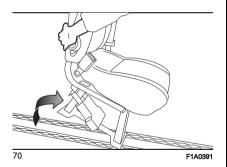


It will also be possible to disassemble it by pulling it at the points in which its catches are free with respect to



the holes in the tracks; in that position (easily found by sliding the base a little and simultaneously pulling it out) the seat can easily be removed fig. 70.

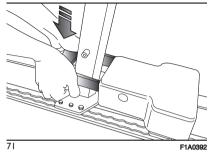




After the sliding and removal operations, the seat should be refitted and secured to the rails on the floor before driving, as follows:

☐ fit the base on the rails;

□ push the latch lever downwards fig. 71 with sufficient force, until the system locks.



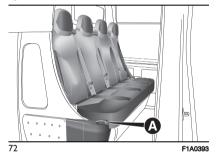
WARNING The locking system is only secured when the safety clip under the lever locks it horizontally. If this does not happen, check that the seat is in the exact locking position in relation to the rail (moving the seat backwards or forwards a few millimetres until it is properly attached). Once the quick-release base is locked in position, it will be as in the first stage, in other words with the retaining lever perfectly parallel to the floor guaranteeing that the seat is securely fastened in the selected position.

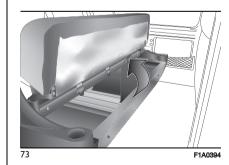
The seat can be turned 180° toward the seat on the opposite side. To turn it, see the "Seat with revolving base" paragraph.

4-SEATER BENCH SEAT (Crew Cab Van versions)

(for versions/markets, where provided) For specific versions, the vehicle features a 4-seater rear bench seat. The bench has a bottle holder cavity (A) fig. 72.

The seat can be tilted manually to allow access to the load compartment fig. 73.







WARNING

- **22)** All adjustments must be made with the vehicle stationary.
- 23) 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.
- **24)** For maximum safety, keep the backrest upright, lean back into it and make sure the seat belt fits closely across vour chest and pelvis.
- **25)** Before putting on the seat belt, ensure that the armrests are vertical (see "Seat belts" paragraph).
- **26)** Before unfastening the belts and getting out of the vehicle, ensure that the outer armrest (door side) is fully raised.
- 27) All adjustments must be made with the vehicle stationary. In particular, while turning the seat, take care that it does not interfere with the parking brake lever.
- 28) Ensure the seat is locked start engine position before starting the engine.
- 29) 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.
- 30) 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 iniury. For more information, see the

contents of the adhesive plate located under the bench.



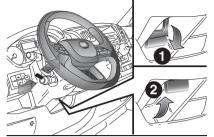
IMPORTANT

6) 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. 74 by pulling it towards the steering wheel (position (2));
- release lever by pushing it forwards



WARNING

31) All adjustments must be carried out

only with the vehicle stationary and the

32) It is absolutely forbidden to carry

steering system or steering column

device) that could adversely affect

performance, invalidate the warranty,

cause serious safety problems and

type-approval requirements.

also result in the vehicle not meeting

out any aftermarket operation involving

modifications (e.g. installation of anti-theft

enaine off.

























- adjust the steering wheel;
- (position (1)).

31) 32)

REAR-VIEW MIRRORS

INTERIOR MIRROR

Lever (A) fig. 75 can be used to move the mirror to two different positions: normal or anti-glare.



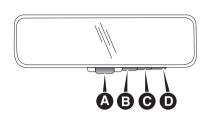
75 **F1A0353**

DIGITAL REAR-VIEW MIRROR (DRVM)

(where provided)

The digital rear-view mirror fig. 76 provides a wide, high-definition, unobstructed view of the road behind the vehicle.

To activate the digital rear-view mirror, push the On/Off control lever (A) located at the base of the mirror forwards.



76

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- A On/Off control lever
- **B** Menu button
- C Left scroll button
- **D** Right scroll button

Press the button on the side of the lever to access the following options:

- Brightness
- Vertical angle
- ☐ Horizontal movement (where provided)

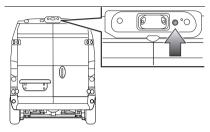
Press the left/right buttons to scroll through the menu options.

When not in use, pull the lever towards yourself to return to the conventional mirror.

The digital rear-view mirror is not functional when travelling under the following conditions:

- driving at night in poor visibility conditions;
- $\ \square$ bad weather conditions (e.g. heavy fog, snow).

If the display is difficult to see, clean the camera fig. 77. If snow, ice, mud or other foreign matter obstruct the camera lens, clean it with water and dry it with a soft cloth. Do not cover the camera lens.



77

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ELECTROCHROMIC REAR-VIEW MIRROR

(where provided)

An automatic anti-glare device is fitted on some versions, which automatically modifies its reflecting properties to prevent dazzling the driver fig. 78.

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



78 .1040059

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

DOOR MIRRORS

To obtain a better view, adjust the outside mirrors so that they are centred on the adjacent lane with a slight overlap of the view obtained through the inside mirror.

Mirrors with manual adjustment

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

33) 34)

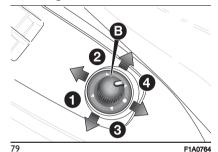
Power Mirrors

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

To adjust the mirrors, turn knob (B) fig. 79 to one of the four positions: (1) left mirror, (2) right mirror, (3) left wide angle and (4) right wide angle

(positions (3) and (4) available on short arm external rear-view mirrors. Tempo Libero versions and on all medium and long arm rear-view mirrors).

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.



Mirror folding with manual adjustment

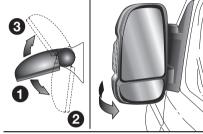
When required (for example when the mirror causes difficulty in narrow spaces or during an automatic vehicle wash) it is possible to fold the mirrors manually moving them from position (1) to position (2) fig. 80.

If the mirror has been accidentally rotated forwards (position (3)), for example due to a collision, it must be manually returned to position (1).

The exterior mirrors are hinged and can be folded forwards or backwards to prevent damage according to these three positions fig. 80:

- 1 Normal
- 2 All backwards
- 3 All forwards

A 35)







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. 80.











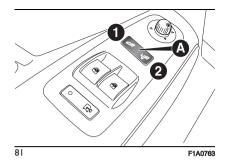












Electric folding

To fold the mirrors electrically, press rocker button (A) fig. 81 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. 80 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. 81 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. 80) or brought to the opening position (2) again manually if they have been accidentally rotated forwards (for example due to a collision).

If the mirrors have been rotated forwards manually or due to a collision, 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. 81 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. 80, 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. 81 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 [fff]).

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.

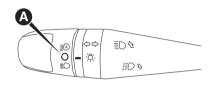
34) Vehicles and other objects seen through a convex external mirror appear smaller and more distant than they really are. Over-relying on this type of mirror can result in collisions with other vehicles or other objects. It is recommended to use the interior mirror to estimate the size or distance of a vehicle when viewed from a convex side mirror.

35) While driving the mirrors must remain in position (1).

EXTERNAL LIGHTS

The left stalk (A) fig. 82 operates most of the exterior lights.

The exterior lights turn on also with the ignition key in the MAR position. The instrument panel and the various dashboard controls will come on with the external lights.



82

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AUTO FUNCTION

(Dusk sensor)

(where provided)

This is an infrared LED sensor that works in conjunction with the rain sensor and is located on the windscreen. It is able to detect variations in outside lighting based on the light sensitivity set in the display Menu or **UconnectTM** system (where provided).

The higher the sensitivity, the lower the amount of external light needed to

automatically switch the external lights on.

Function activation

Turn the left stalk ring to position **(a)**.

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

Function deactivation

To deactivate the function, turn the left stalk ring to a position other than **≦Ø**.

DIPPED BEAM HEADLIGHTS

With the ignition key turned to MAR, turn the ring (A) fig. 82 to €D. If the dipped beam headlights are activated, the daytime running lights are switched off and the dipped beam headlights, rear side lights and number plate lights are switched on. The ३०६ warning light switches on in the instrument panel.

DAYTIME RUNNING LIGHTS (DRL) ("Daytime Running Lights")

36) 37)

With the ignition key turned to MAR and the selector wheel turned to position O the day lights are automatically activated; the other lights and interior lighting remain off. If the daytime running lights are deactivated

(for versions/markets where it is provided), no light comes on when the ring is turned to O.

Where provided, if the direction indicators are operated, the daytime running lights switch off automatically. The daytime running lights are temporarily deactivated when the direction indicators are activated. When the direction indicators are deactivated, the daylight running lights

NOTE When the engine is started for the first time with gear in position P (for versions with automatic transmission) or with the parking brake applied, the daytime running lights stay off. The daylight running lights will come on by removing the parking brake or shifting the gear to a position other than P.

FOG LIGHTS/REAR FOG LIGHTS

(for versions/markets, where provided)
There are two configurations: the first
with fog lights and rear fog, the second
with only rear fog. The use of fog lights
is governed by the highway code of
the country in which you are driving.
Comply with legal requirements.

Cornering lights

are reactivated.

The function activates with the main beam headlights switched on with a speed lower than 40 km/h - For

















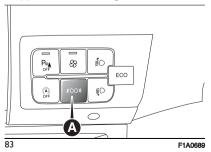




wide wheel rotation angles or at the switching on the direction indicator, a light will turn on (built in the front fog light) referring to the turning side which will extend the night visibility angle.

To turn on the front/rear fog lights, use button (A) fig. 83 as follows:

- ☐ first press: front fog lights and side lights switch on if the dipped beam headlights are off. Only front fog lights switch on if the dipped beam headlights are on. The #D warning light switches on in the instrument panel;
- □ second press: turns on the rear fog lights, the ()‡ warning light on the instrument panel will turn on:
- ☐ third press: front/rear fog lights and side lights switch off if dipped beam headlights are off. Only front fog lights switch off if the dipped beam headlights are on;
- ☐ fourth press: rear fog lights switch off if dipped beam headlights are on.



REAR FOG LIGHT

The rear fog light button is located on the left control panel (button (A) fig. 83). With rear fog lights on, the warning light ()‡ on the instrument panel will come on at the same time.

PARKING LIGHTS

These lights can be turned on only with the ignition device at STOP or key extracted by turning the ring on the left stalk first to position O and then to positions O.

The **⇒** € warning light switches on in the instrument panel.

Repeat the same operation to switch them off.

With the parking lights on, a buzzer will sound with the parking lights on. The buzzer switches off as soon as the driver's door is closed.

"FOLLOW ME HOME" DEVICE

Activation

Bring the ignition device to STOP. Within 2 minutes pull the left stalk in main beam headlights flashing mode, each displacement of the stalk will correspond to an increment of 30 seconds of delay on headlights switching off up to a maximum of 210 seconds (equal to 7 flashes).

Deactivation

Keep the left stalk in main beam headlight flashing mode for a few seconds.

MAIN BEAM HEADLIGHTS

With ring in position **⑤**, push the stalk forward toward the dashboard (stable position). The **⑥** warning light switches on in the instrument panel. The lights are switched off by pulling the stalk towards the steering wheel.

AHB (Automatic High Beam) System

(where provided)

The system controls the automatic high beam headlights providing increased forward lighting at night by automating high beam control using of a digital camera mounted on the interior rearview mirror.

NOTES

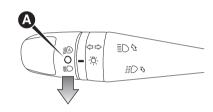
□ The Auto Dim High Beams control can be turned on or off using the **Uconnect™** system. Refer to the "Settings" paragraph in the "Multimedia" section for further information.

☐ Broken, muddy or obstructed headlights and side lights of vehicles in the field of view of the camera will cause headlights to remain on longer (closer to the vehicle).

☐ To deactivate the automatic function rotate the light switch ring to position ☐.

Flashing the headlights

To flash, the unstable position is used (activate by pulling the lever (A) fig. 84 towards you). With high beam headlights on, the warning light **■**O on the instrument panel will come on at the same time.



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DIRECTION INDICATORS

Take the left stalk fig. 82 to the (stable) position:

- □ *upwards*: activates the right direction indicator;
- downwards: activates the left direction indicator.

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

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

"Lane Change" function

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

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

COURTESY LIGHTS

This function, with the ignition device in STOP, allows activating the side lights and the number plate lights for 30, 60 or 90 seconds, whenever the vehicle is unlocked with the key with remote control.

The function can be enabled and the activation time can be set using the display Menu or the **Uconnect™** system.

The function is automatically disabled once the activation time elapses, or when the vehicle doors are locked again, or by turning the ignition device to a position other than STOP.

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

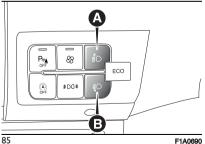
This device works with the ignition key in the MAR position and the dipped headlights on. The vehicle tilts backwards when it is laden, raising the beam. The beams must therefore be realigned in this case.

Headlight alignment adjustment

Press the buttons ♠○ (A) or ♠○ (B) on the control panel fig. 85 to adjust.

The instrument panel display shows the position in relation to the adjustment set.

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























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.



WARNING

36) The daytime running lights are an alternative to the dipped headlights while driving during the daytime in countries where it is compulsory to have lights on during the day; where it is not compulsory, the use of daytime running lights is permitted.

37) Daytime running lights cannot replace dipped beam headlights while driving at night or through tunnels. The use of daytime running lights is governed

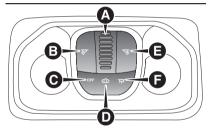
by the highway code of the country in which you are driving. Comply with legal requirements.

CEILING LIGHTS

COURTESY LIGHTS

The courtesy lights are located between the sun visors, on the upper console.

Each light can be turned on by pressing the corresponding switch fig. 86.



86

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A Ambient light (where provided)

B Left map reading light

C OFF/ Left position

D Middle position

E Right map reading light

F ON/ Right position

Ceiling lights

The interior lights can be set to three positions (OFF/ left position, centre position, ON/ right position). Using the switch (D) on the bottom of the upper console:

☐ from the middle position (D) press the switch towards the (F) ON/right position to keep the lights on;

☐ from the middle position (D) press the switch towards the (C) OFF/ left position to keep the lights always off. ☐ Leaving the switch in the centre position (D) the lights go on or off when the doors are opened or closed.

Map reading light

The switches on the left and right sides of the upper console control the map reading lights.

Press the right switch (E) to turn the right light on and press again to turn it off.

Press the left switch (B) to turn the left light on and press again to turn it off.

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

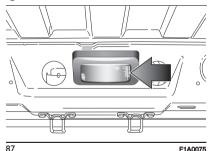
Battery save

To extend the life of the vehicle battery. when the engine is turned off and one of the doors is left open for 15 minutes. the interior lights are automatically turned off.

NOTE The battery save function will stop when the ignition device is turned to the MAR position.

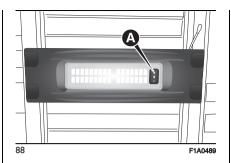
LOAD COMPARTMENT **REAR COURTESY LIGHT**

This is located above the rear door. Press the cover at the point shown in fig. 87 to switch it on.



LED CEILING LIGHT IN LOAD COMPARTMENT

It is located on the rood of the load compartment fig. 88.



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

☐ position ᅑ: 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 30 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 (where provided):

☐ OFF position: the ceiling light is always off.

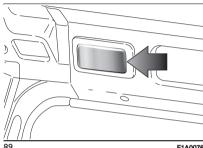
In any case, if the switch is left in on position, the ceiling light switches off automatically 15 minutes after the engine switching off.

After 15 minutes it will not be possible to turn on the ceiling light using

the buttons or if any movement is detected

LOAD COMPARTMENT SIDE CEILING LIGHT

(for versions/markets, where provided) Press the cover at the point shown in fia. 89 to switch it on.





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. 90, 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.











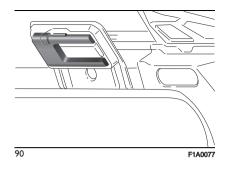












WINDOW WASHING

The right stalk controls screen wiper/washer operation.
This operates only with the ignition device at MAR.

WINDSCREEN WIPER / WASHER

Operation

A 38)

A 7) 8)

The ring (A) fig. 91 can be set to the following positions:

O windscreen wiper off

- **▲** fixed intermittent wipe (slow)
- speed-dependant intermittent wipe

LO constant slow wipe

HI constant fast wipe

W MIST function



F1A0608

"MIST" function

91

Move the stalk upwards (unstable position) to activate the MIST function: operation is limited to the time for which the stalk is held in this position. When released, the stalk will return to its default position and the windscreen wiper will be stopped. This function is useful to remove small deposits of dust from the windscreen, or morning dew.

WARNING This function does not activate the windscreen washer; windscreen washer fluid will not therefore be sprayed onto the windscreen. To spray windscreen washer fluid onto the windscreen, the washing function must be used. With the ring nut (A) fig. 91 in position O, the windscreen wiper is not activated. In position I, the pause time between the strokes of the windscreen wiper is 10

seconds, independently of the vehicle speed. In position **I**, the pause time between two strokes is set according to the speed of the vehicle: when the speed increases, the time between two strokes decreases. In position **LO** or **HI**, the windscreen wiper moves continuously, i.e. without a pause between two strokes.

"Smart washing" function

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

When the stalk is held pulled for longer than half a second, the windscreen wiper is moved with active control. Releasing the stalk will activate three strokes.

Afterwards, if the control is in position O, the washing cycle is concluded by one last stroke after a 6 second pause. If the position is **LO** or **HI**, the smart washing function is not carried out.

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

RAIN SENSOR

(where provided)

a 9) 10)

This device is located behind the interior rear view mirror, in contact with the windscreen glass. It can measure the amount of rain and, consequently, manage the automatic wiping mode of the screen to suit the amount of water on the screen (see the "Automatic Wiping" paragraph).

The sensor will be activated when the ignition device is turned to MAR, and will be deactivated in the STOP position.

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

presence of dirt on the surface (e.g. salt, dirt, etc.);

□ presence of streaks of water caused by the worn windscreen wiper blades;□ difference between day and night.

WARNING Keep the window clean in the sensor area.

AUTOMATIC WIPING

Activation

9 10)

The automatic wiping can be activated by the user by selecting the rain sensor from the display Menu or on the Uconnect™ system and rotating the ring nut (A) fig. 91 to position I or I. These will be used to set the rain sensor sensitivity: in position I, the sensor has a lower sensitivity and the wipers will activate when there is a significant amount of water on the screen, while in position I, the wipers will be activated when a minimal amount of rain is detected.

The activation of the automatic wiping will be notified by a single stroke. The same stroke will be visible every time the sensor sensitivity is increased, by rotating the ring from position 1 to position 1.

The "Smart Washing" function activates the normal washing cycle, after which the automatic wiping function is restored.

If the rain sensor malfunctions, the wiper mode can be modified according to the requirements. In some versions, the failure is indicated by the *! symbol on the instrument panel display. The malfunction signal remain active during the operation time of the sensor or until the device is reset.

Inhibition

no wiping cycle occurs for system protection reasons.

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

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

 $\hfill \square$ by turning the ring to the O position and then returning it to the 1 or 1 position;

☐ upon exceeding the 5 km/h speed and the sensor detects rain.

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

Deactivation

To deselect automatic wiping, go to the display Menu of the instrument panel or the **UconnectTM** system or by turn the ring (A) of fig. 91 to a position other than flick (I or I).





















HEADLIGHT WASHERS

(for versions/markets, where provided) They are "retractable", i.e. located inside the front bumper of the vehicle. They are activated when the dipped headlights are on and when the windscreen washer is activated is activated for the fifth time.

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



WARNING

38) If the window needs to be cleaned, make sure the device is turned off or the key is on STOP.



IMPORTANT

- 7) Never use the screen wiper to remove layers of snow or ice from the windscreen glass. In such conditions, the wiper may be subjected to excessive stress and the engine cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not subsequently restored, even after restarting the vehicle, contact a Fiat Dealership.
- 8) Do not operate the screen wiper with the blades lifted from the windscreen glass.

- 9) Do not activate the rain sensor when washing the vehicle in an automatic car wash.
- **10)** Make sure the device is switched off if there is ice on the windscreen glass.

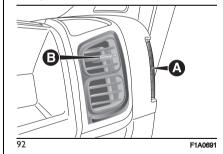
VENTS

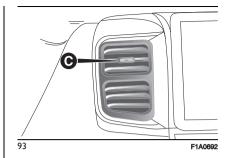
ADJUSTABLE SIDE AND CENTRAL VENTS

The vents (A) are not adjustable. The sliders located on the fins (B)

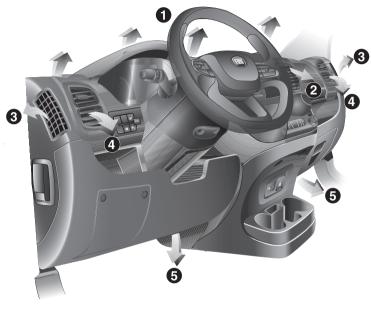
fig. 92 and (C) fig. 93 can be used to adjust the flow and closing the vents, with extra travel to the left.

- **A** Fixed vents for side windows.
- **B** Adjustable side vents.
- C Adjustable central vents.





HEATING AND VENTILATION





















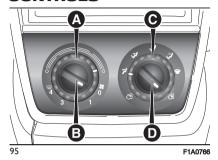


94 F1A0714

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

CONTROLS



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 **W** = 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** to deactivate internal air recirculation.

PASSENGER COMPARTMENT VENTILATION

To ventilate the passenger compartment well, proceed as follows:

- □ turn ring (A) to the blue section;
- ☐ turn off internal air recirculation by turning the knob (D) to ❖:
- turn the ring (C) to */;
- turn knob (B) to the required speed.

PASSENGER COMPARTMENT HEATING

Proceed as follows:

□ turn ring (A) to the red section;
□ turn ring (C) to the required position;
□ turn knob (B) to the required speed.

FAST PASSENGER COMPARTMENT HEATING

For the fast heating of the passenger compartment, proceed as follows:

- turn ring (A) to the red section;
- □ turn on internal air recirculation by turning the knob (D) to <=:
- turn the ring (C) to */;
- $\hfill \blacksquare$ turn knob (B) to 4 $\ensuremath{\mbox{\sc turn}}$ (max. fan speed).

Then use the controls to maintain the required comfort conditions and turn the knob (D) to ₹ to turn the air recirculation off and to prevent windows from misting up.

WARNING With a cold engine, you have to wait for a few minutes to let the system fluid reach optimum operating temperature.

FRONT WINDOW FAST DEMISTING/DEFROSTING (WINDSCREEN AND SIDE WINDOWS)

Proceed as follows:

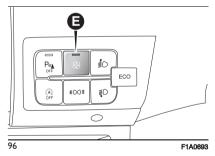
turn ring (A) to the red section;

¬ turn off internal air recirculation by turning the knob (D) to \simes: ☐ turn the ring (C) to 👾;

turn knob (B) to 4 (max. fan speed).

WARNING To ensure rapid demisting/defrosting, if there is an additional heater (under the front or rear seat on Panorama and Combi versions) and it is on, turn it off using the button (E) (LED off) located on the control panel fig. 96.

After demisting/defrosting, operate the controls to restore the required comfort conditions.



Window demisting

In the event of considerable external moisture and/or rain and/or large differences in temperature inside and outside the passenger compartment,

perform the following preventive window demisting procedure:

turn ring (A) to the red section; ¬ turn off internal air recirculation by

turning the knob (D) to \simes:

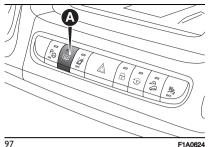
☐ turn ring nut (C) to ₩ and consider moving to if misting does not occur;

☐ turn knob (B) to the 2nd speed.

HEATED REAR WINDOW AND DOOR MIRRORS DEMISTING / DEFROSTING

(for versions/markets, where provided) Press button (A) fig. 97 to activate this function. The LED on the button will switch on when the function is on The function is timed. The key cycle is automatically deactivated for the first time after 10 minutes. At any time after the first activation, the function is deactivated after 5 minutes. Press the (A) button again to turn the function off in advance.

WARNING Do not apply stickers on the inside of the rear window over the heating filaments to avoid damage.









INTERNAL AIR RECIRCULATION **ACTIVATION**



Turn the knob (D) fig. 95 to <=. It is advisable to switch the internal air recirculation on whilst queuing or in tunnels to prevent the introduction of polluted air. Do not use the function for a long time, particularly if there are several passengers on board, to prevent the windows from steaming up.





makes it possible to reach the required ("heating" or "cooling") conditions more quickly depending on the mode selected. Do not use the air recirculation function on rainy/cold days as it would considerably increase the possibility of

WARNING Internal air recirculation

the windows misting inside.



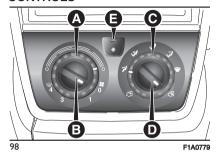




MANUAL CLIMATE CONTROL SYSTEM

(for versions/markets, where provided)

CONTROLS



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 W = 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 to turn internal air recirculation on.

Turn the knob to

to turn internal air recirculation off.

Climate control system on/off button E

Press the button (button LED on) to turn the climate control system on. Press the button again (button LED off) to turn the climate control system off.

PASSENGER COMPARTMENT VENTILATION

To ventilate the passenger compartment well, proceed as follows:

- $\hfill \blacksquare$ turn ring nut A to the blue section;
- □ turn off internal air recirculation by turning the knob (D) to ఈ;
- turn the ring (C) to */;
- turn knob (B) to the required speed.

CLIMATE CONTROL SYSTEM (cooling)

For fast cooling of the passenger compartment, proceed as follows:

- □ turn ring (A) to the blue section;
 □ turn on internal air recirculation by turning the knob (D) to <=:
- □ turn the ring (C) to *;
- press button (E) to turn the climate control system on; the LED on the button (E) will light up;
- ☐ turn the knob (B) to (4) ₩ (fan maximum speed).

Cooling adjustment

- ☐ turn the ring (A) to the right to increase the temperature;
- □ turn off internal air recirculation by turning the knob (D) to 🏖;
- ☐ turn knob (B) to reduce the fan speed.

WARNING When air conditioner compressor button (E) is pressed, the function is only activated if at least the first fan speed is selected (knob (B)).

PASSENGER COMPARTMENT HEATING

Proceed as follows:

turn ring (A) to the red section;

turn ring (C) to the required position; Turn knob (B) to the required speed.

FAST PASSENGER COMPARTMENT **HEATING**

For the fast heating of the passenger compartment, proceed as follows:

- turn ring (A) to the red section:
- ¬ turn on internal air recirculation by turning the knob (D) to
- □ turn the ring (C) to •/:
- □ turn knob (B) to (4) \(\frac{\pmathfrak{ maximum speed).

Then use the controls to maintain the required comfort conditions and turn the knob (D) to to turn the air recirculation off and to prevent windows from misting up.

WARNING With a cold engine, you have to wait for a few minutes to let the system fluid reach optimum operating temperature.

FRONT WINDOW FAST **DEMISTING/DEFROSTING** (WINDSCREEN AND SIDE WINDOWS)

Proceed as follows:

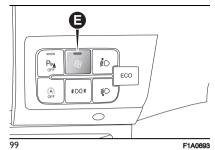
- turn ring (A) to the red section;
- ☐ turn knob (B) to (4) \(\frac{\pmathrew{\pmantrew{\pmathrew{\pmathrew{\pmathrew{\pmathrew{\pmathrew{\pmathrew maximum speed).

- ☐ turn the ring (C) to ∰:
- ¬ turn off internal air recirculation by turning the knob (D) to \(\bigsize\);

WARNING To ensure rapid demisting/defrosting, if there is an additional heater/air conditioner (under the front or rear seat on Panorama and Combi versions) and it is on, turn it off using the button (E) fig. 99 (LED off) located on the control panel.

After demisting/defrosting, operate the controls to restore the required comfort conditions.

WARNING The climate control system is very useful for speeding up demisting since it dehumidifies the air. Adjust the controls as described above and press button (E) fig. 98 to switch the climate control system on: the LED on the button will light up.



















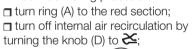


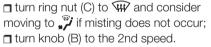




Window demisting

In the event of considerable external moisture and/or rain and/or large differences in temperature inside and outside the passenger compartment, perform the following preventive window demisting procedure:





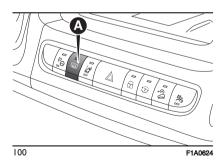
WARNING The climate control system is very useful for preventing the windows from misting up in the presence of high humidity since it dries the air sent into the passenger compartment.

HEATED REAR WINDOW AND DOOR MIRRORS DEMISTING / DEFROSTING

(for versions/markets, where provided) Press button (A) fig. 100 to activate this function: turned on, the LED on the button turns on.

The function is timed. The key cycle is automatically deactivated for the first time after 10 minutes. At any time after the first activation, the function is deactivated after 5 minutes. Press the (A) button again to turn the function off in advance.

WARNING Do not apply stickers on the inside of the rear window over the heating filaments to avoid damage.



INTERNAL AIR RECIRCULATION ACTIVATION

Turn the knob (D) to <=.

It is advisable to switch the internal air recirculation on whilst queuing or in tunnels to prevent the introduction of polluted air. Do not use the function for a long time, particularly if there are several passengers on board, to prevent the windows from steaming up.

WARNING Internal air recirculation makes it possible to reach the required heating or cooling conditions more quickly depending on the selected operating mode. Do not use the air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting inside.

SYSTEM SERVICING

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



IMPORTANT

2) 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.

AUTOMATIC CLIMATE CONTROL SYSTEM

CONTROLS ON THE CLIMATE CONTROL FRONT PANEL











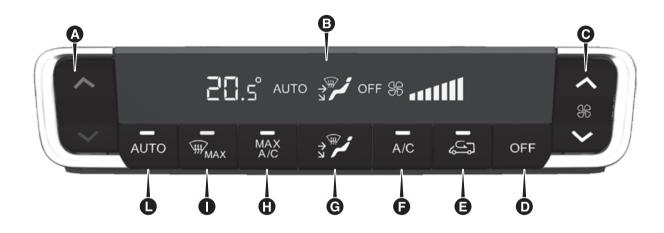












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A. Required temperature up/down button B. Display C. Ventilation up/down button D. Climate control system off button E. Recirculation button F. Climate control compressor on/off button G. Air supply selection button H. Maximum cooling on/off button I. Windscreen quick defrost button L. Automatic operation on/off button

CONTROLS ON SYSTEM DISPLAY

(for versions/markets where provided)



There are graphic buttons on some **Uconnect™** systems that let you turn on the functions described in this paragraph. ▲ 11)



11) To clean the climate control system and the display use a soft, clean, dry, antistatic cloth and make sure that it is switched off during cleaning. Cleaning and polishing products may damage the surface. Do not use alcohol, petrol or their derivatives. Make sure that the cleaning products used contain no alcohol or alcohol derivatives, not even in small quantities.

Description of the controls

The automatic climate control system maintains comfort inside the passenger compartment and compensates for possible variations in outside weather conditions

The reference temperature is 22°C for optimal comfort management.

The automatically controlled

parameters and functions are:

- ☐ air temperature at the driver/front passenger side vents;
- ☐ air distribution at the driver/front passenger side vents:
- ☐ fan speed (continuous variation of the air flow);
- □ compressor engagement (for cooling/dehumidifying the air);
- air recirculation.

All these functions can be adjusted manually by operating the system and selecting one or more functions and modifying their parameters.

Manual selections always have higher priority than automatic settings and are stored until the AUTO button is pressed, except for cases in which the system intervenes for safety reasons.

The following operations do not deactivate the AUTO function:

□ recirculation on/off:

- □ compressor on/off, compatibly with environmental conditions:
- □ variation of set temperature;
- ☐ heated rear window on/off (where provided).

The quantity for air introduced into the passenger compartment is independent of the vehicle speed as it is regulated by the electronically controlled fan.

The temperature of the air sent is always automatically controlled according to the temperature set on the display (except for when the system is off or in certain conditions when the compressor is not running).

The system allows the following to be set or adjusted manually:

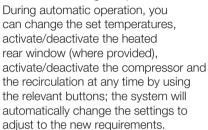
- air temperature;
- ☐ fan speed has 7 positions;
- air distribution;
- ☐ compressor enabling;
- □ rapid defrosting/ demisting function;
- air recirculation;
- □ heated rear window;
- system deactivation.

Operating Mode

The climate control system can be activated in different ways: it is advisable to press the AUTO button (L) and press the button (A) fig. 101 to set the desired temperatures.

In this way the system operates completely automatically to adjust the

temperature, quantity and distribution of the air introduced into the passenger compartment. It also manages the air recirculation system and the enabling the air conditioning compressor.



In this way the climate control system will continue to automatically manage all functions except for those that have been manually adjusted. The fan speed is the same in all the zones of the passenger compartment.

Air temperature adjustment

Press the (A) fig. 101button:

☐ press downwards: decrease temperature;

☐ press upwards: temperature rise.

By repeatedly pressing the (A) button upwards or downwards the HI (maximum air temperature) and LO (minimum air temperature) functions are switched on respectively. To turn these functions off, ask for a numerical air temperature.





















Air distribution selection

Pressing the button (G) fig. 101 on the dashboard or the graphic buttons located on the display of the **Uconnect™** system, you can manually set one of the following air distribution possibilities:

- → Airflow at central and side dashboard vents to ventilate the chest during the hot season.
- ** Airflow to the front and rear footwell vents. This air distribution setting heats the passenger compartment most quickly, giving a prompt sensation of warmth.
- Air flow towards windscreen.
- Maximum windscreen defrosting.

You can select the combination of several modes by pressing the buttons in sequence.

In AUTO mode, the climate control system automatically manages the air distribution. The air distribution, when manually set, is displayed on the **Uconnect™** system A/C screen.

Fan speed adjustment

Press button (C) to increase/decrease the fan speed:

□ press downwards: decrease speed;
 □ press upwards: increase speed.
 The speed is displayed on the A/C screen of the Uconnect™ system. A specific fan level can be selected by

pressing the arrows of the dedicated button:

- □ maximum fan speed: all bars are lit up;
- ☐ minimum fan speed: one bar is lit up.

WARNING To restore automatic control of the fan speed after a manual adjustment, press the AUTO button.

AUTO button

When the AUTO button (L) is pressed the climate control system is automatically adjusted in the corresponding zones:

- quantity and distribution of the air introduced into the passenger compartment;
- □ climate control compressor;
- ¬ air recirculation:
- ☐ cancelling any previous manual settings.

If a manual intervention is made on the air distribution or on the fan speed the climate control system is no longer controlling all functions automatically. To restore automatic system control after one or more manual adjustments, press the AUTO button.

Air recirculation

The air recirculation can be switched on/off by pressing the button (E) fig. 101.

WARNING The engagement of the recirculation system makes it possible to reach the required heating/cooling conditions faster. It is, however, inadvisable to use it on rainy/cold days, or with low external temperatures, as it would considerably increase the possibility of the windows misting up inside rapidly (especially if the climate control system is off).

When the outside temperature is low, recirculation could be switched off (air drawn from the outside) to prevent the windows misting up.

In automatic operation inside air recirculation will be controlled automatically by the system according to outside environmental conditions.

Climate control compressor

Press button (F) fig. 101 to activate/deactivate the compressor. Switching off the compressor remains stored even after the ignition device has been turned to the STOP position.

To restore automatic control of compressor engagement, press again

button (F) or the AUTO button (L) fig. 101.

WARNING With the compressor off, air cannot be introduced to the passenger compartment with a temperature lower than the external temperature. Moreover, under certain environmental conditions, windows could mist up rapidly since the air is not dehumidified.

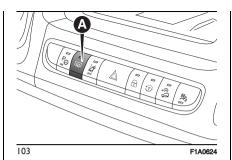
Heated rear window demisting/defrosting

Press button (A) fig. 103 to activate heated rear window demisting/defrosting.

Whenever the ignition device switches to the AVV position, the function switches off automatically after approx. 10 minutes the first time it is activated. The following activations have a duration of 5 minutes.

If this function is provided, pressing the button []] also activates demisting/defrosting of door mirrors and heated vents (where provided).

WARNING Do not apply stickers to the inside of the heated rear window over the heating filaments, to avoid damage that might cause them to stop working properly.



SWITCHING THE CLIMATE CONTROL SYSTEM OFF/BACK ON

Switching off the climate control system

Press the OFF button (D) fig. 101. With climate control system off:

- □ air recirculation is on, thus isolating the passenger compartment from the outside:
- the compressor is off;
- ☐ the fan is off;
- ☐ the heated rear window can be activated/deactivated.

The climate control system control unit stores the temperatures set before the system was switched off and restores them when any button of the system is pressed.

Switching on the climate control system

To switch on the climate control system in fully automatic mode press the AUTO button (L) fig. 101.

MAX A/C mode

Press and release the Max A/C button (H) fig. 101 to activate the maximum cooling function.

In MAX A/C mode, the fan speed and fan mode can be adjusted according to needs. When other settings are pressed, the MAX A/C switches to the selected setting and is turned off.

HEATER

The heater activates automatically depending on the environmental conditions and with ignition device in AVV position.

System maintenance

3

In winter, the climate control system must be turned on at least once a month for about 10 minutes.

Before summer, have the system checked at a Fiat Dealership.





















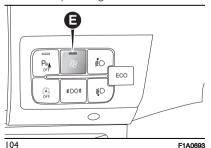


IMPORTANT

3) 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.

ADDITIONAL HEATER

(for versions/markets, where provided) On some versions, an additional heater is also present beneath the driver's seat. The fan for this heater is operated by means of the button (E) located on the control panel fig. 104.



INDEPENDENT ADDITIONAL HEATER

(for versions/markets, where provided) The vehicle is available, on request, with two different independent heaters: one fully automatic, the other which can be programmed.

AUTOMATIC VERSION

The additional heater is turned on in automatic mode when the engine is started and the required outside temperature and coolant conditions are present. Deactivation is always automatic.

A 39)

WARNING During periods with low outdoor temperatures when the device cuts in, check that the fuel level is always higher than the reserve level. Otherwise the device could lock and require the assistance of a Fiat Dealership.

PROGRAMMABLE VERSION

The additional heater is located on the roof or in the glove compartment of the cab, where provided. It is completely independent of the operation of the engine for:

- ☐ heating the passenger compartment with the engine off;
- defrosting the windows;
- ☐ heating the engine coolant and then the engine itself prior to starting.

The system consists of:

- □ a diesel burner for heating the water with an exhaust silencer for the combustion gases;
- □ a metering pump connected to the reservoir pipes for supplying the burner; □ a heat exchanger connected to the
- □ a neat exchanger connected to the engine cooling system pipes;
- ☐ a control unit connected to the passenger compartment heating/ventilation system to allow automatic operation;
- □ an electronic control unit for controlling and adjusting the built-in burner;
- □ a digital timer fig. 105 for turning the heater on manually or for programming the time it comes on.

The additional heater (during winter) heats, maintains the temperature of and circulates engine coolant for a set time period in order to ensure optimum engine and passenger compartment conditions at engine start-up.

The heater can operate automatically when programmed with a digital timer or manually by pressing the 'immediate heating' button on the timer.

After heater activation, whether programmed or manually, the electronic control unit operates the coolant pump and turns on the burner in accordance with pre-set, controlled procedures.

The circulation pump output is also controlled by the electronic control unit in order to minimise the initial heating time.

When the system operates, the control unit turns on the passenger compartment heater unit fan at the second speed.

The thermal power of the boiler is regulated automatically by the electronic control unit depending on the temperature of the engine coolant. The heater can turn off spontaneously due to misfiring after start-up or because the flame goes out during operation. In this case, carry out the turning off procedure and try to turn the heater back on. If it still does not work, consult a Fiat Dealership.

WARNING The heater is equipped with a thermal limiter that cuts off combustion in the case of overheating due to insufficient coolant/coolant leaks. In this case, after repairing the fault in the cooling system and/or topping up the fluid, press the program

selection button before turning the heater back on.

Activation of the heating system

When an automatic climate control system is present, the control unit sets the air temperature and distribution when the heater is turned on from the park position. When a manual heater/climate control is present, to obtain maximum heater efficiency, check that the passenger compartment heating/ventilation temperature adjustment knob is in the 'hot air' position.

To prioritise passenger compartment pre-heating, set the air distribution knob to the */ position.

To favour windscreen demisting, set the air distribution knob to the work position.

To obtain both functions, set the air distribution knob to the position.

OVERVIEW

Control panel fig. 105 and menu structure:

- (1) Menu item name
- (2) Menu symbol
- (3) Activated preset time
- (4) Time
- (5) Quick start button with status indicator

(6) Control button

The following menu items are available in the main menu: timer, heating and settings.

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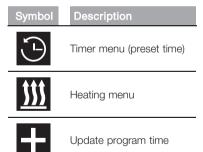








105





Settings menu















Buttons and controls

| Button | Controls and functions |
|---|--|
| Φ | Quick start button with status indicator |
| Control button rotation (knob/button) | Function selection |
| Control button operation (knob/button) | Confirming the function selected |

"Back" function

Exit the selected menu with the "Back" function. The settings are saved and the previous menu level is displayed.

State indicator

The status of the heater is indicated by the colour of the light on the quick start button.

| Status | LED lighting |
|--------------|--------------|
| Heating mode | GREEN steady |

| Status | LED lighting |
|---|----------------|
| Heater off - control panel on | WHITE steady |
| Error - Heating mode not available | RED flashing |
| Pre-programmed heating mode - Control panel in idle state | GREEN flashing |

The control panel goes into sleep mode (display and LEDs go out) if no actions are made on the control panel for 60 second and the heater is off.

Passive mode display

If the heater is activated by another Webasto control panel (e.g. Telestart or ThermoCall), the control panel is reactivated from its idle state and the operating mode selected by the other control panel is shown on the display. The display depends on the connected heater. The display depends on the connected heater.

| Display | Working mode |
|---------|---|
| 09:01 | Heating. Press the quick start button O to deactivate passive mode. The heater is switched off. |

Information display

The following information about the connected heater and the control panel is shown on the start-up display:

- name of the control panel;
- ☐ name of the connected heater;
- ☐ software version of the connected control panel;
- ☐ hardware version of the connected control panel.

The main menu is displayed after 1.5 s.

HEATING MODE

- ☐ Select the "Heating" menu item in the main menu.
- ☐ Press the control button. The operating time flashes in the display.
- $\hfill \blacksquare$ Turn the control button to select the operating time "Now".

The maximum operating time can be selected and activated by turning the control button clockwise.

☐ Then press the control button to confirm the selection.

The operating time is set in "Minute" and "Hour".

☐ Heating mode is started. The "Heating" menu item and the preset remaining time appear in the display. The quick start button lights up green.

SWITCHING ON THE HEATER WITH THE QUICK START BUTTON

The "Quick start" can be used to activate the heating function by simply

pressing the **O** button. The operating mode can be changed according to your wishes.

Quick start of the water heater

The quick start button is programmed for heating.

Press the quick start button **O**.

The heating is started. The "Heating" menu item and the preset remaining time appear in the display. The quick start button lights up green.

Temperature adjustment during heating operation

- The heater is running.
- ☐ Turn the control button, select the required temperature.
- ☐ Press the control button within 5 seconds to confirm your selection.

Adjusting the heating level during operation

- $\hfill \square$ Heater with selectable heating levels.
- ☐ The heater is running.
- ☐ Press the control button to toggle between temperature selection and heating level selection.
- ☐ Press the arrow button to select the required heating level.
- ☐ Press the control button within 5 seconds to confirm your selection.

Remaining time adjustment

A longer operating time must be set is a longer residual time is preferred. No

further changes can be made after a minimum operating time of 10 minutes. An extension is only possible after switching off and on again.

Remaining time of the water heater

- The heater is running.
- ☐ Turn the control button to select the operating time "Minutes".
- ☐ Then press the control button to confirm the selection. The heating is started. The "Heating" menu item and the preset remaining time appear in the display. The quick start button lights up green.

TURNING OFF

- The heater is running.
- ☐ Press the quick start button. The lighting of the quick start button changes from green (in heating mode) to white.

TIMER PROGRAMMING (PRESET TIME)

This function is only available with the MultiControl control panel. Preselection times can be scheduled up to 7 days in advance. The heater switches on automatically at the programmed time. You can store up to 3 preset times per day and up to 21 preset times in total. The number of active timers available may vary according to the MultiControl variant used and the type of application (e.g. car, truck,

boat, etc.). A maximum number of 21 active timers can be available.

Timer: preset time setting

- $\hfill\square$ Current time and day of the week are set.
- The heater is off.
- ☐ The "Timer" menu item has been selected in the main menu.
- ☐ Press the control button. "Update programmed time" appears in the display (if no timer has been saved yet).
- ☐ Press the control button to add a new timer.
- ☐ Turn the control button to select the "Day of the week".
- ☐ Then press the control button to confirm the selection.
- $\hfill \square$ Turn the control button to select the "Hour" power on time.
- ☐ Then press the control button to confirm the selection.
- The "Minute" start time is set as the "Hour" start time.
- ☐ Turn the control button to select the "Hour" stop time.
- ☐ Then press the control button to confirm the selection.
- The "Minute" stop time is set as the "Hour" stop time.

Timer: Heating mode setting

All heaters:

☐ Then press the control button to confirm the selection. The timer is





















- saved and shown on the display (temperature indicator for air heaters only).
- ☐ Press the button to activate/deactivate the timer. "Activate" appears on the display.
- ☐ Then press the control button to confirm the activation. An activated preset time is marked with a white bar. ☐ A "T" symbol appears in the main
- ☐ A "T" symbol appears in the main menu. The quick start button flashes green if a timer is active for the heating function.

Activating, deactivating, adjusting or deleting the timer

- ☐ Press the control button. Saved timers are shown on the display. The timers are placed in chronological order by day/time. The next active timer is displayed first. (Fan speed indicator for air heaters only).
- $\ \square$ Turn the control button to select the timer.
- ☐ Then press the control button to confirm the selection.
- ☐ Turn the control button to select one of the options ("On", "Off", "Fit", "Delete").

Clear all timers

☐ The "Timer" symbol is selected in the main menu.

- ☐ Press the control button. Saved timers are shown on the display. (Fan speed indicator for air heaters only)
- ☐ Turn the control button anticlockwise until "Clear all" appears in the display.
- ☐ Then press the control button to confirm the selection. "OK" will appear on the display
- ☐ Then press the control button to confirm the selection. All programmed timers have been cleared. The main menu appears on the display.

Setting the day of the week

The "Settings" menu item has been selected.

- ☐ Turn the control button to select the "Day of the week".
- ☐ Then press the control button to confirm the selection.
- ☐ Turn the control button to select the required "Day of the week".
- ☐ Then press the control button to confirm the selection.

Set time

The "Settings" menu item has been selected.

- ☐ Turn the control button to select the "Time" menu item.
- ☐ Then press the control button to confirm the selection.
- ☐ Turn the control button to select the desired format (12/24 hours).

- ☐ Then press the control button to confirm the selection. The time flashes on the display.
- ☐ Turn the control button to select "Hour".
- ☐ Then press the control button to confirm the selection. The "Minute" time flashes.

The "Minute" time is set as the "Hour" time.

Language setting

The "Settings" menu item has been selected.

- ☐ Turn the control button to select the "Language" menu item.
- ☐ Then press the control button to confirm the selection.
- ☐ Turn the control button to select the required language (e.g. "Italian").
- ☐ Then press the control button to confirm the selection.

Setting the temperature unit

The "Settings" menu item has been selected.

- ☐ Turn the control button to select the "Temperature unit" menu item.
- ☐ Press the control button to select the unit. This setting is acquired without confirmation.

Brightness setting

The brightness of the monitor is adapted via the vehicle signal according to the installation.

The "Settings" menu item has been selected.

☐ Turn the control button to select the "Brightness" menu item.

☐ Then press the control button to confirm the selection.

☐ Turn the control button to select the required value.

■ The set value flashes.

☐ Then press the control button to confirm the selection.

Display deactivation setting

The "Settings" menu item has been selected

☐ Turn the control button to select the "Screen Timeout" menu item.

☐ Then press the control button to confirm the selection.

☐ Turn the control button to select the required time or "Auto".

☐ Then press the control button to confirm the selection.

The display is not deactivated during active heating if the "Auto" option is selected. The display switches off after 10 seconds when set to "Auto" if no heater is active.

Day/night lighting setting

You can choose between daily and night lighting for the display. If the "Off" option is selected, the general brightness setting is activated without any distinction between day and night.

The "Settings" menu item has been selected.

☐ Turn the control button to select the "Day/Night" menu item.

☐ Then press the control button to confirm the selection.

☐ The "Off" selection is preset.

☐ Turn the control button to set the values for Start of Day, End of Day, Brightness (Day). Brightness (Night).

☐ The display shows the pre-selected time for Day.

☐ Then press the control button to confirm the selection.

☐ The display flashes "Time" for "Start of day".

☐ Turn the control button to select the required "Time" of "Start of Day".

☐ Then press the control button to confirm the selection. The "Minute" time for "Start of day" flashes on the display.

"Minute" of "Start of day" is set as "Hour" of "Start of day".

☐ Turn the control button to select the required "Time" for "End of Day".

☐ Then press the control button to confirm the selection. The "Minute" time for "End of day" flashes on the display.

"Minute" of "End of day" is set as "Hour" of "Start of day".

☐ The display shows the "Day" brightness level.

☐ Turn the control button to select the required "Day" heating level.

☐ Then press the control button to confirm the selection. The "Night" brightness level appears on the display.

☐ Turn the control button to select the required "Night" brightness level.

☐ Then press the control button to confirm the selection.

☐ The "Day/night" symbol appears on the display. The selected values have been saved.

Calling up system information

The system information contains data on the software and hardware version of the control panel as well as the designation of the connected heater.

The "Settings" menu item has been selected.

☐ Turn the control button to select the "System Information" menu item.

☐ Then press the control button to confirm the selection. The name of the heater appears on the display.

☐ Turn the control button to toggle between the heater name and the control panel information (control panel name, software and hardware version).

Recalling saved error message

Error messages (codes) related to the heater and all other connected components in case of malfunctions are saved and displayed here. Current





















error messages are also marked with a "!". Error messages must be acknowledged as soon as they appear by pressing the control button. The main menu is only displayed again after confirmation.

The "Settings" menu item has been selected.

- ☐ Turn the control button to select the "Error Message" menu item.
- ☐ Then press the control button to confirm the selection. The error message (or messages) appears on the display. "OK" appears on the display if there is no error message. In case of repeated error messages, all messages can be called up by turning the control button.
- ☐ Press the control button to go back to the menu item.

Reset

Reset restores all the basic configuration settings (basic settings by the technician) except for the day of the week and the time.

The "Settings" menu item has been selected.

- ☐ Turn the control button to select the "Reset" menu item.
- ☐ Then press the control button to confirm the selection. "OK" will appear on the display

☐ Then press the control button to confirm the selection. A reboot is performed.

Your personal settings are cleared. This process cannot be retroactive.

CLEANING

Use only a soft, lint-free cloth to clean the control panel. No moisture may enter the housing. Do not use glass cleaners, household cleaners, sprays, solvents, alcohol-based cleaners or abrasive products for cleaning.

ERROR MESSAGE

Heater error messages are displayed as "F" or "H" and must be taken from the respective heater description. Error messages on the control panel are displayed with a "T".

An error message appears on the display.

- ☐ Press the control button to confirm the error message.
 - The error message is stored in the error memory.
 - If no confirmation is received, the error message is displayed again (e.g. when restarting or exiting standby mode).

Error codes

If an error message appears on the display, contact Customer Service.

WARNING: Maintenance and repair work on heaters must only be carried out by trained qualified personnel.

Excerpt of control panel error messages

T84 - Low voltage (power supply is low). Charge the battery or check the electrical system of the vehicle.

Te4 - Fault status LED. Contact Support/Customer Service.

Teb - Time error. In case of a power failure longer than 8 minutes: re-enter date/time. If the error occurs without voltage interruption: contact the Service/Customer Service department.

T12 - Faulty W-Bus communication. Wrong heater selected.

Follow the procedure in the installation instructions. Contact Support/Customer Service (if necessary).

SCRAPPING

The control panel must not be disposed of with household waste. Comply with regional regulations regarding the disposal of electronic products.

ASSISTANCE AND CUSTOMER SERVICE

Do you have technical questions or a problem with your device? Do you have

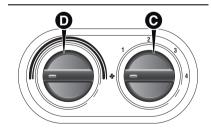
technical questions or a problem with your device?

MAINTENANCE

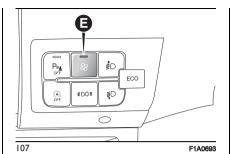
Have the additional heater checked regularly at a Fiat Dealership (and always at the start of every winter). This will guarantee safe and economic operation of the heater as well as a long duration.

ADDITIONAL REAR HEATING (Panorama and Combi)

(for versions/markets, where provided)
Panorama and Combi versions are
equipped with a main heating system
plus an additional system (as an option)
with a control on the roof lining above
the second row of seats fig. 106.
For it to operate, it must be enabled
using the button (E) fig. 107 on the
control panel.



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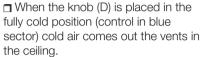


Turn the knob (D) to the maximum cold position (knob at blue sector); air at ambient temperature will come out of the rear footwell vents (located under the seats in the 2nd - 3rd row for Panorama versions and the grille on the left wheel arch side for Combi versions);

Turn the knob (D) to the maximum heating position (knob at red sector); warm air will emerge (with the engine warmed up), from the rear footwell outlets (located under the seats in the 2nd - 3rd for Panorama versions and the grille on the left wheel arch side for Combi versions).

ADDITIONAL REAR CLIMATE CONTROL (Panorama and Combi)

(for versions/markets, where provided) Panorama and Combi versions are equipped with a main heating/air conditioning system plus an additional system (as an option) with a control on the roof lining above the second row of seats fig. 106. Button (E) fig. 109 on the control panel must be enabled for operation; the air conditioning only works if the main climate control system is on.



□ Turn the knob (D) to the maximum heating position (knob at red sector); warm air will emerge (with the engine warmed up), from the rear footwell outlets (located under the seats in the 2nd -3rd row for Panorama versions and the grille on the left wheel arch side for Combi versions).

□ If the selector knob (D) is placed in

the intermediate positions, the air will

the ceiling and the rear footwell vents,

be distributed between the vents in

varying the temperature.

WARNING If the compressor on the main climate control system control is turned on (operation of button (E)), even if the additional climate control system fan is in position (0), the 1st speed will automatically be activated to prevent ice formation, with possible damage to the component.























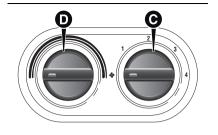
WARNING

39) The heater burns fuel in the same way as the engine, though to a lesser extent. To prevent poisoning and asphyxiation, the supplementary heater must never be turned on, not even for short periods, in closed environments such as a garage or workshops without extraction fans for the exhaust gases.

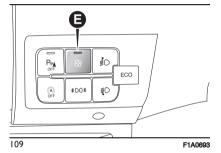
REAR AIR CLIMATE CONTROL SYSTEM FOR PASSENGER TRANSPORT

ADDITIONAL REAR HEATING (Panorama and Combi)

(for versions/markets, where provided)
Panorama and Combi versions are
equipped with a main heating system
plus an additional system (as an option)
with a control on the roof lining above
the second row of seats fig. 108.
For it to operate, it must be enabled
using the button (E) fig. 109 on the
control panel.



108 F1A0062



Turn the knob (D) to the maximum cold position (knob at blue sector); air at ambient temperature will come out of the rear footwell vents (located under the seats in the 2nd -3rd row for Panorama versions and the grille on the left wheel arch side for Combi versions):

Turn the knob (D) to the maximum heating position (knob at red sector); warm air will emerge (with the engine warmed up), from the rear footwell outlets (located under the seat in the 2nd and 3rd row for Panorama versions and the grille on the left wheel arch side for Combi versions).

ADDITIONAL REAR CLIMATE CONTROL (Panorama and Combi)

(for versions/markets, where provided) Panorama and Combi versions are equipped with a main heating/air conditioning system plus an additional system (as an option) with a control on the roof lining above the second row of seats fig. 108. Button (E) fig. 109 on the control panel must be enabled for operation; the air conditioning only works if the main climate control system is on.

- ☐ When the knob (D) is placed in the fully cold position (control in blue sector) cold air comes out the vents in the ceiling.
- ☐ Turn the knob (D) to the maximum heating position (knob at red sector); warm air will emerge (with the engine warmed up), from the rear footwell outlets (located under the seats in the 2nd and 3rd row for Panorama versions and the grille on the left wheel arch side for Combi versions).
- ☐ If the selector knob (D) is placed in the intermediate positions, the air will be distributed between the vents in

the ceiling and the rear footwell vents, varying the temperature.

WARNING If the compressor on the main climate control system control is turned on (operation of button E), even if the additional climate control system fan is in position 0, the 1st speed will automatically be activated to prevent ice formation, with possible damage to the component.

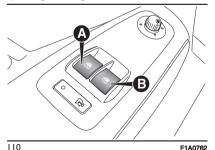
ELECTRIC WINDOWS

Switches fig. 110 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.



Continuous automatic operation

The driver's side front window allows continuous automatic operation in both directions: opening and closing. The passenger-side window only allows continuous automatic operation for opening.

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.

A 40)



WARNING



40) 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.



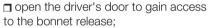


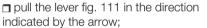


BONNET

OPENING

Proceed as follows:





□ lift lever (A) fig. 112 as shown in the figure;

□ lift the bonnet and, at the same time, release the supporting rod fig. 113 from its locking device (D), then insert the end of the rod (C) fig. 114 into housing (E) in the bonnet.

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



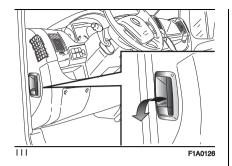


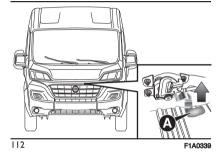












CLOSING

Proceed as follows:

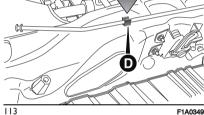
- ☐ hold the bonnet up with one hand and with the other remove rod (C) fig. 114 from recess (E) and fit it back into its catch (D) fig. 113;
- □ lower the bonnet to approximately 20 centimetres from the engine compartment and let it drop. Make sure that the bonnet is completely closed and not only fastened by the

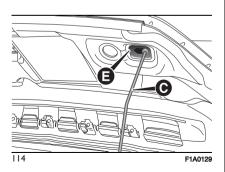
locking device by trying to open it. If it is not perfectly closed, do not try to press the bonnet down but open it and repeat the procedure.

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



41) 42) 43) 44) 45)







WARNING

- **41)** 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.
- **42)** 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.
- **43)** The bonnet may drop suddenly if the supporting rod is not positioned correctly.
- **44)** Perform these operations only when the vehicle is stationary.
- **45)** 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 HEAD RESTRAINTS

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

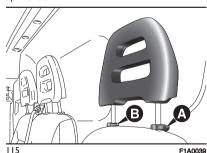


Adjustment

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

□ Downward adjustment: press button (A) fig. 115 and lower the head restraint.

To extract the rear head restraints press buttons (A) and (B) fig. 115 located at the side of the two supports simultaneously and lift them out upwards.



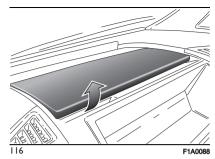
WARNING

46) 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

UPPER STORAGE COMPARTMENT - REFRIGERATED COMPARTMENT

(for versions/markets, where provided) To use, lift the flap as shown in fig. 116. If air conditioned, the compartment, equipped with a bottle holder, may be cooled/heated by means of an outlet connected to the climate control system.

























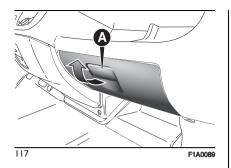
LIGHT UNDER THE DASHBOARD

The lower part of the dashboard has lights that illuminate in the following modes.

- ☐ Ignition device in STOP position and enaine off. lights always off.
- □ lanition device in MAR position and dipped beam lights off. lights on permanently with no possibility to adjust their intensity.
- ☐ Ignition device in MAR and dipped beam headlights on: lights on with adjustable intensity.

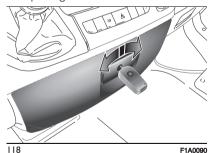
GLOVE COMPARTMENT

To open the glove compartment, use the opening handle (A) fig. 117.



GLOVE COMPARTMENT WITH LOCK

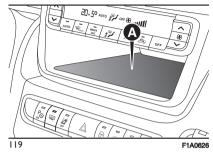
(for versions/markets, where provided) To lock/unlock the lock, turn the key clockwise/anticlockwise fig. 118. To open the glove compartment, use the opening handle.

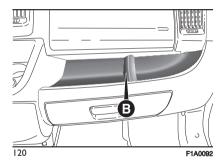


STORAGE COMPARTMENT

(for versions/markets, where provided) Compartment (A) fig. 119 is located in the middle of the dashboard.

Compartment (B) fig. 120 is located on the right side of the dashboard, above the oddment box.

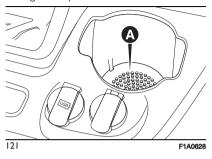




CUP HOLDER -CAN HOLDER -BOTTLE HOLDER ON DASHBOARD

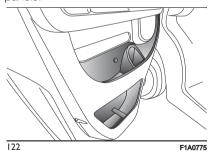
(for versions/markets, where provided)
On a few versions, two cup holders
/ can holders / bottle holders (0.5 /

0.75 litres) fig. 121 are available on the central dashboard in the place of the storage compartment.



DOOR POCKETS

There are oddment/document pockets fig. 122 located in each of the door panels.

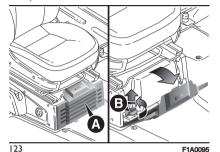


COMPARTMENT BENEATH PASSENGER SIDE FRONT SEAT

Proceed as follows to use the compartment:

☐ Open the flap (A) fig. 123 and remove it as shown:

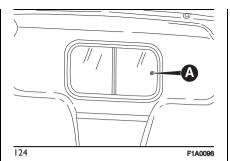
☐ turn the lock knob (B) anticlockwise and remove it to allow the compartment to be removed.



REAR BULKHEAD

The vehicle may be equipped with a solid rear partition or with a sliding glass partition.

To open/close the sliding glass partition, use the knob (A) fig. 124.



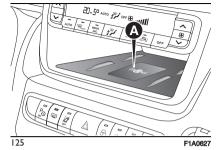
Certain outfits are equipped with a protective grille on the window of the partition inside the load compartment.

WIRELESS CHARGING SYSTEM- WCPM (Wireless Charge Pad Module)

(where provided)

The wireless charging system is activated automatically when a mobile phone is placed in the holder in the glovebox (A) in fig. 125 or in the compartment between the two cup holders at (A) in fig. 126, if the mobile phone is compatible with the Oi[®]standard.

NOTE The wireless charger device is equipped with an NFC antenna and therefore the "Apple Pay Wallet" function could be activated on iPhone phones: this will not involve any economic transaction or interruption of charge.

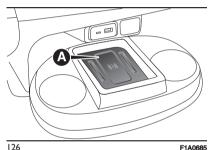










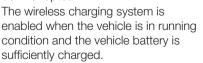








If the mobile phone is removed from the housing during the wireless charging phase, this will automatically be interrupted.



By interacting with the wireless charger system and placing the mobile phone







in the specific housing, the user will be informed by means of a LED indicating the state of the wireless charging system:

- □ "Your phone is being charged" blue LED: this is displayed when the mobile phone is positioned correctly in the wireless charging compartment and the system is activated correctly;
- ☐ "Phone fully charged" green LED: this is displayed when the phone has completed charging its battery (if suitable to transmit the information);
- □ "Object not allowed" red LED: this is displayed when a phone that is not enabled for wireless charging or an object that is not permitted (e.g. the ignition key) is placed (e.g. ignition key, credit card, a coin);
- ☐ "System error" red LED: this appears when there is a malfunction in the wireless charger system:
- ☐ "System not active" LED off: there are no objects in the compartment and/or the ignition device of the vehicle in the STOP position and/or the doors are not all closed correctly and the engine is not on.

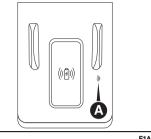
WARNING Do not place contactless cards (RFID), credit cards, metal objects or the vehicle keys in the charging compartment.

WARNING Not all mobile phone covers guarantee the correct charging of the phone. Check that charging is in progress after having placed the phone in the charging compartment.

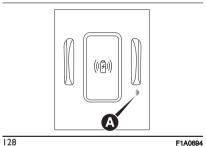
WARNING With a compatible smartphone positioned on the charging deck, when you move the ignition device to the STOP position, a warning message will appear on the instrument panel to prevent you from forgetting your smartphone.

Correct positioning of the mobile phone

To start wireless charging correctly, make sure the mobile phone is positioned completely inside the glove compartment in fig. 127 or in the housing between the two cup holders fig. 128with the display facing up, and that the device does not cover the alert LED (A).



127 F1A0695

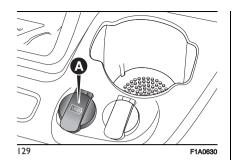


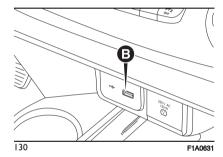
USB PORTS

(for versions/markets, where provided) They can be located:

□ on the central dashboard (A) fig. 129, for use as a charging source for external equipment;

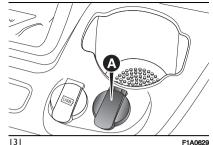
□ on the central tunnel, (B) fig. 130, for connecting USB remote devices (see explanation in the specific supplements).





12V CURRENT SOCKET

(for versions/markets, where provided) There may be a power socket located in front of the rear seats ((A) fig. 131).



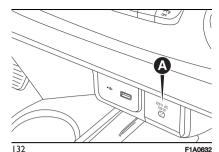
WARNING The operation of the rear load compartment power socket. where provided, can be switched from "power on ignition only" to "constant battery power". For more information, contact a Fiat Dealership.



A 12) 13) 14) 15)

220V CURRENT SOCKET

(for versions/markets, where provided) The power socket is located in the centre dashboard. To use it, open the cover (A) fig. 132.



The ashtray is a removable plastic

container fig. 133 that can be fitted in

the cup/can holders in the centre of the









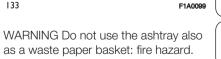












SUN VISORS

ASHTRAY

dashboard.

133

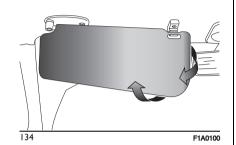
They are located at the sides of the interior rear-view mirror fig. 134.





They can be adjusted forwards and sideways.

A vanity mirror is fitted on the passenger side sun visor on all versions.



WARNING On both sides of the passenger side sun visor there is a label advising that it is compulsory to deactivate the airbag if a rear facing child restraint system is fitted. Always comply with the instructions on the sun visor (see the "Front airbag" chapter in the "Safety" section).

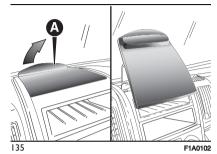
DESK / BOOK REST

(for versions/markets, where provided) There is a desk (A) fig. 135 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.

A 48)



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. 136:

- 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.

49)



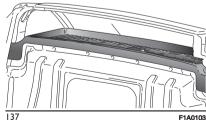
136 F1A0342

SHELF ABOVE THE CAB

(for versions/markets, where provided) This is located above the driver's cab fig. 137 and is designed to store light objects.

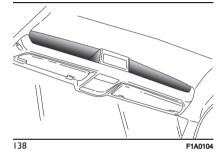
Maximum permitted load:

- localised: 10 kg
- distributed over the entire surface of the shelf: 20 ka



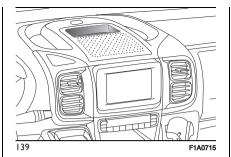
CAB GLOVE COMPARTMENT (CAPUCINE)

(for versions/markets, where provided) The glove compartment is fitted above the sun visors fig. 138 and is designed for the quick storage of light objects (e.g. documents, road maps etc.).



OPEN STORAGE COMPARTMENT

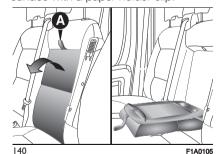
(for versions/markets where provided) On some versions, there is a glove compartment in the middle of the dashboard fig. 139.



4 50)

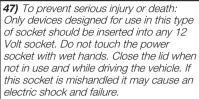
FLAP ON BENCH

(for versions/markets, where provided) To use, pull the tab (A) fig. 140 and lower the flap. The flap is equipped with two cup holder indents and a support surface with a paper holder clip.

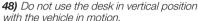


WARNING











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



50) 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.



IMPORTANT



12) Accessories connected to the vehicle's power sockets draw current from the battery even when not in use (e.g. mobile phones, etc.). These devices, if left connected too much time with engine off, may cause the battery to drain with following reduction of its life and/or failure to start the engine.

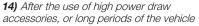


13) Accessories that draw higher power



(i.e., coolers, vacuum cleaners, lights, etc.), will degrade the battery even more quickly. Only use these intermittently and with great caution.







not being started (with accessories still plugged in), the vehicle must be driven a sufficient length of time to allow the alternator to recharge the battery.

15) Power sockets are designed for accessory plugs only. Do not insert any other object in the power sockets as this will damage the socket or blow the fuse. Improper use of the power socket can cause damage not covered by your limited warranty of the vehicle.

TACHOGRAPH

(for versions/markets, where provided) For tachograph operation and use, consult the owner handbook supplied by the device manufacturer. The tachograph must be installed on the vehicle when the vehicle weight (with or without trailer) 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.

WARNING If a tachograph is fitted, if the vehicle is parked for more than 5 days, it is advisable to disconnect the negative battery terminal to maintain its charge.

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.

SELF-LEVELLING AIR SUSPENSION

GENERAL INFORMATION

The system only acts on the rear wheels.

The system maintains the rear ride setting for the vehicle constant in any loading condition, while ensuring a greater driving comfort.

In addition, the system allows the height of the vehicle to be adjusted with the vehicle stationary, by selecting from 7 different positions to facilitate access to the rear compartment.

HEIGHT ADJUSTMENT

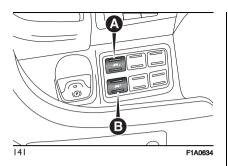
There are 7 pre-defined levels for the free height from the ground: from "ride -3" to "ride 0" till "ride +3".

The ride information is displayed on the instrument panel.

Automatic adjustment

Whilst driving the system automatically restores the vehicle to "position 0" and keeps it constant.

While adjusting, the LED located on the button ((A) or (B) fig. 141) corresponding to the direction of travel, flashes.



Manual adjustment

A 16)

With the vehicle stationary and the engine on or off, the desired height level can be set.

Manual adjustment is only available for a limited number of times with the engine switched off.

Pressing button (A), for less than 1 second, selects the next level up.

Keeping button (A) pressed for more than 1 second directly selects the maximum level: "position +3".

Pressing button (B), for less than 1 second, selects the next level down. Keeping button (B) pressed for more than 1 second directly selects the

minimum level: "position -3".

While adjusting, the LED located on the button ((A) or (B)) corresponding to the direction of travel, flashes.

Adjustment not available

If, after selecting a button, the LED remains lit up (for about 5 seconds) rather than flashing, this means that the adjustment is temporarily unavailable. Possible causes may be as follows:

- □ insufficient air reserve: the function is restored by starting the engine:
- ☐ the system has reached a threshold working temperature: wait a few minutes to let it cool down before operating the buttons again.

The level selected with the vehicle stationary is maintained up to a speed of about 20 km/h; when this speed is exceeded, the system will automatically restore the normal level: "position 0".



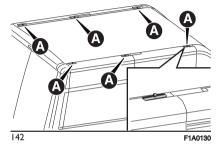
16) Before manually adjusting with doors open, make sure there is enough space around the vehicle for this kind of operation.

ROOF RACK/SKI RACK



To fit the roof/ski rack, with provision for versions H1 and H2, use the pins (A) on the edges of the roof fig. 142.











Long wheelbase vehicles are equipped with 8 pins; short or medium wheelbase vehicles are equipped with 6 pins: vehicles with extra-long wheelbases are equipped with 10 pins.

WARNING Follow the instructions

Assembly must be performed by

qualified personnel.

contained in the assembly kit carefully.

51) 52)

A 17) 18)











WARNING





WARNING

51) After travelling for a few kilometres, check to ensure that the fixing screws for the attachments are well tightened.

52) Distribute the load evenly and pay attention to side winds when driving.



IMPORTANT

17) Fully comply with the regulations in force concerning maximum clearance.
18) Never exceed the maximum permitted loads (see "Technical Specifications" section).

ACCESSORIES PURCHASED BY THE OWNER

If after buying the vehicle, you decide to install electrical accessories that require a permanent electric supply (alarm, satellite anti-theft system, etc.) or accessories that in any case burden the electric supply, contact a Fiat Dealership, whose qualified personnel, besides suggesting the most suitable devices from Lineaccessori MOPAR, will also evaluate the overall electric consumption, checking whether the car's electrical system is able to withstand the load required, or whether

it needs to be integrated with a more powerful battery.

4 53)

INSTALLING ELECTRICAL/ELECTRONIC DEVICES

Electrical and electronic devices installed after buying the vehicle and available as after-sales must carry the following label fig. 143.





143

E-CE

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

WARNING Traffic authorities may not allow the vehicle on the road if devices are fitted that involve modifications to the features of the vehicle. This may also cause lapse of the warranty in relation to faults caused by the change or either directly or indirectly related to it.

FCA shall not be liable for damage caused by the fitting of accessories

either not supplied or recommended by FCA and/or not installed in compliance with the provided instructions.

RADIO TRANSMITTERS AND MOBILE PHONES

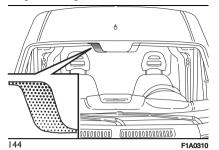
Radio transmitters (car phones, CB radios etc.) cannot be used inside the vehicle unless a separate aerial is mounted externally.

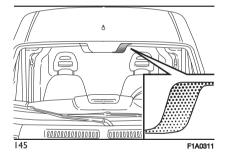
WARNING The use of such devices inside the passenger compartment (without an external antenna) may, in addition to potential damage to the health of the passengers, cause malfunctions in the vehicle electronic systems, compromising the safety of the vehicle. In addition, the transmission and reception of these devices may be affected by the shielding effect of the vehicle body. As far as the use of EC-approved mobile phones is concerned (GSM, GPRS, UMTS), follow the usage instructions provided by the mobile phone manufacturer.

PROVISION 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. 144 - fig. 145.







53) 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.).

PROTECTING THE **ENVIRONMENT**

The following devices are used for reducing diesel fuel engine emissions:

- □ oxidising catalytic converter;
- ¬ exhaust gas recirculation system (EGR):
- particulate filter (DPF) (for versions/markets, where provided). A 54\

DIESEL PARTICULATE FILTER (DPF)

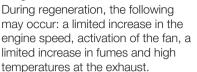
The Diesel Particulate Filter is a mechanical filter, integral to the exhaust system, that physically traps carbon particles present in the exhaust gases of diesel engines.

The diesel particulate filter has been adopted to eliminate almost all particulates in compliance with current / future legal regulations.

During normal use of the vehicle, the Powertrain Control Module records a set of data (travel time, type of route, temperatures reached etc.) and calculates how much particulate has been trapped by the filter.

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

The regeneration procedure is controlled automatically by the Powertrain Control Module according to the filter conditions and vehicle usage conditions.



These are not faults: they do not impair vehicle performance or damage the environment. If the dedicated message is displayed, refer to paragraph "Warning lights and messages".

54) The Diesel particulate filter (DPF) reaches high temperatures during normal

operation. Do not park the vehicle on

needles etc.): fire hazard.

flammable material (grass, dry leaves, pine





















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.

| EOBD SYSTEM | 81 |
|--------------------|----|
| INSTRUMENT PANEL | |
| FEATURES | 82 |
| DISPLAY | 88 |
| WARNING LIGHTS AND | |
| MESSAGES | 95 |
| | |

EOBD SYSTEM

The EOBD system (European On Board Diagnosis) allows continuous diagnosis of emission-related components on the vehicle to be made.

It also alerts the driver, by turning on the warning light in the instrument panel (together with relevant message in the multifunction display, for versions/markets where provided) when these components are no longer in peak condition (see "Warning lights and messages" paragraph).

The aim of the system is to:

- ☐ monitor system efficiency;
- ☐ indicate an increase in emissions due to vehicle malfunction:
- ☐ indicate the need to replace components which have deteriorated. The system also has a connector that can be interfaced with appropriate equipment, which makes it possible

can be interfaced with appropriate equipment, which makes it possible to read the error codes stored in the control unit together with a series of specific parameters for engine operation and diagnosis. This check can also be carried out by traffic control authorities.

WARNING After eliminating the failure, to check the system completely, Fiat Dealerships run a bench test and, if

necessary, road tests which may also call for a long journey.















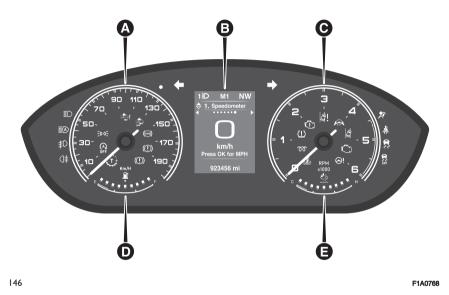






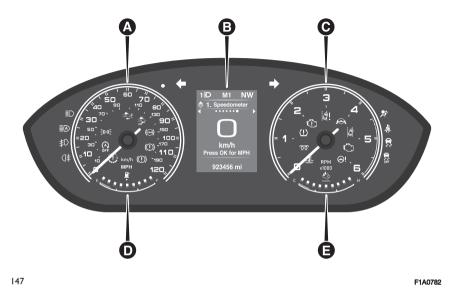
INSTRUMENT PANEL FEATURES

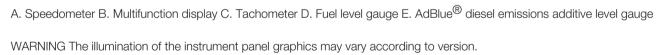
3.5" DISPLAY HEAVY DUTY VERSION



A. Speedometer B. Multifunction display C. Tachometer D. Fuel level gauge E. AdBlue[®] diesel emissions additive level gauge WARNING The illumination of the instrument panel graphics may vary according to version.

3.5" DISPLAY HEAVY DUTY VERSION (RIGHT HAND DRIVE VERSION)

















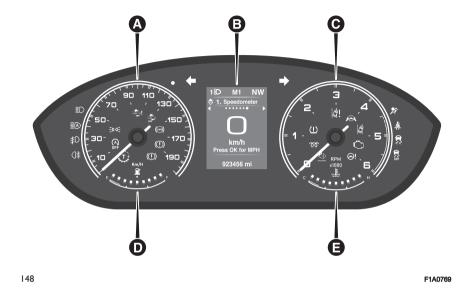








3.5" DISPLAY LIGHT DUTY VERSION



A. Speedometer B. Multifunction display C. Tachometer D. Fuel level gauge E. Engine coolant temperature gauge WARNING The illumination of the instrument panel graphics may vary according to version.

3.5" DISPLAY LIGHT DUTY VERSION (RIGHT HAND DRIVE VERSION)



A. Speedometer B. Multifunction display C. Tachometer D. Fuel level gauge E. Engine coolant temperature gauge WARNING The illumination of the instrument panel graphics may vary according to version.













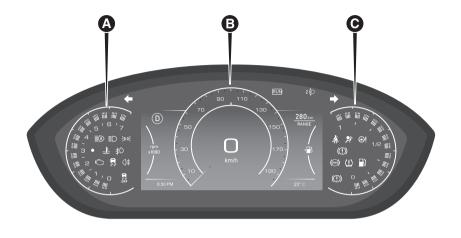








7" DISPLAY



I50 F1A0686

A. Tachometer B. Speedometer and multifunction display C. Fuel level gauge

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

SPEEDOMETER

Indicator (A) shows the speed of the vehicle.

TACHOMETER

Indicator (C) shows the engine revs.

WARNING The electronic injection control system gradually shuts off the flow of fuel when the engine is overrevving, resulting in a gradual loss of engine power.

When the engine is idling, the rev counter may indicate a gradual or sudden increase of the speed.

This is normal and does not indicate a fault. It may be caused, for example. by the activation of the climate control system or fan. In these cases, a slow change in revs is used to protect the battery charge.

FUEL LEVEL GAUGE

The digital indicator (D) shows the amount of fuel left in the fuel tank.

- (E) Tank empty.
- (F) Tank full (see the description in paragraph "Vehicle refuelling" chapter in the "Starting and driving").

The warning light on the indicator switches on when there are about 10-12 litres of fuel (for versions with tank capacity 75-90 litres) or 9 litres (for versions with tank capacity 60 litres) remaining in the tank.

Do not travel with the tank nearly empty to prevent damaging the catalytic converter

WARNING The hand will point to (E) and the warning light will flash to indicate a fault in the system. If this is the case, go to a Fiat Dealership to have the system checked.

WARNING It is not advisable to activate the Webasto additional heater in reserve conditions.

ENGINE COOLANT TEMPERATURE INDICATOR

The digital gauge (E) fig. 148 indicates the temperature of the of engine coolant and starts giving indications when the coolant temperature exceeds approximately 50°C. In normal use of the vehicle, the indicator will show the various positions on the scale according to the conditions of use of the vehicle.

- (C) Low engine coolant temperature.
- (H) High engine coolant temperature. The warning light on the indicator may light up (and a message on the display may appear on certain versions)

to indicate that the coolant fluid temperature is too high; in this case, stop the engine and contact a Fiat Dealership.



LEVEL GAUGE

The digital gauge (E) fig. 146 indicates

(E) - Tank empty.

Dealership.

(F) - Tank full (see the description in "Vehicle refuelling" paragraph in this























AdBLUE® DIESEL **EMISSIONS ADDITIVE**

the level of AdBlue® diesel emissions additive. In normal use of the vehicle. the indicator will show the various positions on the scale according to the conditions of use of the vehicle.

- chapter).

IMPORTANT

19) If the indicator for the engine coolant

the engine immediately and contact a Fiat

temperature reaches the red area, stop

DISPLAY

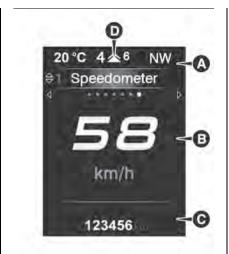
DESCRIPTION

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

With the ignition device in the STOP position and the key removed, the display lights up and shows the time and total odometer reading (in km or miles) for a few seconds when a door is opened/closed.

GEAR SHIFT INDICATOR

The Gear Shift Indicator (GSI) system gives an indication ((D) fig. 151 for versions with 3.5" display or (A) fig. 152) on 7" display of the instrument panel to advise the driver when to shift gear.



I5I F1A0770



152 F1A0655

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

When the \triangle / \triangleright symbol appears on the display, the GSI is advising the driver to shift up, while the \bigvee / \triangleleft symbol advises the driver to shift down. The indication in the display remains until a gear is shifted or the driving conditions go back to a situation where gearshifting is not required to improve consumption.

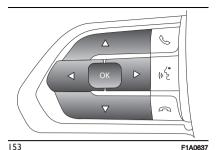
On some versions, the engaged gear and the recommended one are displayed next to the \triangle / \triangleright or \bigvee / \triangleleft symbol.

Icons / or / may appear when the GSI recommends shifting to a gear two steps higher than the currently engaged one. On these versions, the system only displays the engaged gear when the driving conditions do not make it necessary to change gear to optimise fuel consumption.

The indications of the engaged gear and the recommended gear shift temporarily disappear from the display during a gear shift and reappear as soon as the gear shift is finished.

CONTROL BUTTONS

They are located on the fig. 153 on allow the driver to select and interact with the items in the Main menu of the display (see paragraph "Main menu").



 $\neg \triangle / \nabla$: press and release the buttons to access the Main menu and to scroll the menu and the submenus upwards or downwards.

□
| >: press and release the buttons to access the information screens or the submenus of an item of the Main menu.

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

3.5" DISPLAY

The display fig. 154 will show the following information:

A Headlight alignment position, indication of the gear engaged, outside temperature, compass (where provided), date

B Vehicle speed, warning messages/any failure warnings

C Total kilometres (or miles) run and symbols of any failure indications

D Gear shift indication (GSI).



154 F1A0770

DISPLAY

The display fig. 155 and fig. 156 will show the following information:

A Driving assistance device indications

B Multi-function dial indicator: speedometer and driver assistance system indication

C Seat belt status indication

D Yellow symbols

E GSI indications - reconfigurable area

F Speedometer and driving assistance device indications

G Red symbols

Heavy Duty Version





Light Duty Version



156 F1A0657

DISPLAY SCREENS

You can navigate through the following main and detail screens using the controls on the steering wheel:

























The menus are indicative and may vary for versions and markets.

Screenshot list

Main screen

By pressing and releasing $\bigwedge \bigvee$ the user can choose to display:

- the multifunction dial indicator showing the speed of the vehicle or:
- the multifunction dial indicator showing the speed of the vehicle, plus the indicator recommending the gear to engage

Home (°)

- ¬ Speedometer
- ¬ Speedometer + GSI



Press and release \bigwedge/∇ :

- Instant information (**)
- Trip A Trip B
- ¬ Speedometer (**)

GSI (**)

Screen provided only for manual transmission, not for AT9

Driver assist

- Adaptive Cruise Control
- Lane Departure Warning
- Traffic Sign Recognition
- Intelligent Speed Assist

Vehicle info

Press and release Λ/∇ :

- Tyre pressure
- Coolant temp
- Oil level
- Oil temperature
- Oil life
- Battery charge
- Suspension level
- AdBlue (*)
- ¬ Service (scheduled servicing)

Audio

Phone

Navigation

Alerts

 $\langle l \rangle$

Settings

- Display
- **¬** Units
- Date and Time
- Safety ■ Brakes
- ¬ Safety/Assistance
- Mirrors and windscreen wipers
- **¬** Lights
- **¬** Doors & Locks
- Idle preset
- Engine switch off procedure

In the case of multiple screens. indicates the presence of screens to the right and/or left of those displayed. Scrolling between pages is possible using the arrows \bigwedge / \bigvee .

- * Light Duty versions only
- ** Display 3.5" only ° 7" display only

Trip computer

The "Trip computer" screen (fig. 157) can be used to view several parameters relating to the operational status of the vehicle. This function has two separate memories. "Trip A" and "Trip B", where the data for the "complete journeys" (trips) of the vehicle is recorded independently from each other.

Press the \bigwedge or \bigvee button to switch from "Trip A" to "Trip B" and vice versa.



157

F1A0737

The screen can be used to show the following items: "Current consumption",

- "Average consumption", "Distance",
- "Average speed", "Travel time".

The sizes are displayed in "km"/"mi" and "km/h"/"mph" depending on the display settings.

Both values can be reset: press and hold down the OK button on the steering wheel.

NOTE The total consumption cannot be reset.

Driver assist

This screen in area (A) fig. 158 (for the 3.5" display) or (A) fig. 159 (for the 7" display) shows messages and visual indications of the following driving assistance systems:

- CC (Cruise Control)
- ☐ ACC (Adaptive Cruise Control);
- ☐ TSR (Traffic Sign Recognition) / TSI (Traffic Sign Information):
- ☐ ISA (Intelligent Speed Assist).

As more recent notifications are shown, previous notifications are overwritten.



158

F1A0771

F1A0639



159

For some driving assistance devices, pop-up warnings are marked in yellow

or red at the bottom of the screen according to the type of warning. Refer to the "Starting and Driving" section for more information about driving assistance systems.

Vehicle info

The screen shows the following information:

- Tyre pressure
- □ Coolant temp
- ☐ Oil level
- □ Oil temperature
- □ Oil life
- Battery charge
- ☐ Suspension level
- AdBlue (Light Duty versions only)
- ☐ Service (scheduled servicing)

Press the \triangle or ∇ button to switch between the "Tyre pressure" screen and the "Service" screen.

Oil level

The indicator fig. 160 or fig. 161 (depending on the version) graphically displays the oil level in the engine. To see the oil level, turn the key to

To see the oil level, turn the key to MAR; the oil level will appear on the display by lighting a six-notch indicator bar. Two additional notches indicate underfilling and overfilling.

























If the oil level is lower than the minimum required value, the display shows a dedicated message indicating minimum engine oil level and the need for a topup.

After a few seconds, the symbol display indicating the amount of engine oil disappears and:

☐ if the next scheduled servicing intervention is approaching, the time to the next service is displayed and the symbol lights up on the display.

When the service interval has expired a dedicated alert will be shown on the display.

□ later on, if the time for changing the engine oil is getting close, the distance until the next oil change will appear on the display. When the service interval has expired a dedicated alert will be shown on the display.

Audio

(where provided)

This screen repeats the audio playback information shown on the **Uconnect™** system (where provided):

- ☐ FM/DAB radio;
- ☐ Media (USB, **Bluetooth®**);
- ☐ Android Auto, Apple CarPlay, Baidu Carlife.

Refer to the "Multimedia" section for more information.

Phone

(where provided)

This screen repeats the information displayed on the **Uconnect™** system while interacting with a paired phone. The following information is shown:

- □ Call status;
- □ Connected phone status (battery state of charge, network reception, incoming/outgoing call notification, received text messages notification);

¬ Recent call list.

The system stores the last 10 received messages marked "read" or "unread". The user can select the desired message using the steering wheel controls $\triangle/\sqrt{}$ and open it by pressing the OK button on the steering wheel.

Refer to the "Multimedia" section for more information.

Navigation

(where provided)

This screen repeats the instructions provided by the **Uconnect™** system navigator. The display can be pictogram or map (the latter for the 7" version.

Refer to the "Multimedia" section for more information.

Alerts

This display displays the recorded messages and pop-ups previously displayed by the user.

Settings (Change vehicle settings)

This screen allows you to customise the displays and notifications on the display and the various functions of the vehicle.

NOTE The tachograph components are illustrated below. The menus may vary depending on the equipment of the vehicle.

NOTE Some settings may be managed using the **UconnectTM** system (see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section). NOTE The lists of menu items are indicative

In particular, this function allows you to change the settings for:

Display

Selecting this item accesses the following settings (where provided):

- Language: this sets the display language.
- Screen brightness: on 8 levels.
- Automatic Trip B reset.
- Phone Repeat: enable/disable.
- Navigation repeat: enable/disable (map and pictograms also available for 7" version).

Units

Selecting the item you can choose the unit of measurement to be used for displaying the various values:

- US/ metric (where provided).
- Metric/ Imperial (where provided).
- Customisable parameters: speed, distance, consumption, pressure, temperature (where provided).
- ☐ Date and Time Select this item to make the following adjustments (where provided):

- Time setting.
- Format setting: 12 hours/24 hours.
- Date setting.

☐ Safety

Select this item to make the following adjustments (where provided):

- Passenger airbag: enable/disable.
- Seat Belt Reminder: enable/disable.
- Speed alarm: enable/disable.
- Hill Start Assist warning: enable/disable.

■ Brakes

Select this item to make the following adjustments (where provided):

- Brake service.
- Auto Park Brake: enable/disable parking brake automatic engagement.
- ☐ Safety/Assistance
 Select this item to make the following adjustments (where provided):
 - Buzzer volume: off, low level, medium level, high level.
 - Lane Sense warning: early, medium, delayed.
 - Lane Sense strength: low, medium, high.
 - Intelligent Speed Assist: confirmation, automatic.

- Traffic Sign Assist: enable, disable.
- Traffic Sign Assist alert: off, visual, visual and acoustic.
- New speed detection: off, visual, audible.
- Forward Collision Warning: on/off
- Forward Collision Warning sensitivity: near, medium, far.
- Warning Side Distance: enable, disable.
- Park Sense: acoustic, acoustic and visual.
- Rear Park Sense volume: near, medium, far.
- Front Park Sense volume: near, medium, far.
- Attention Assist warning: enable, disable.
- Blind Spot warning: visual/visual and acoustic/off.
- Trailer length for Blind Spot Alert: automatic, max.
- ☐ Mirrors and windscreen wipers
 Select this item to make the following
 adjustments (where provided):
 - Rain sensor: enable, disable.

■ Lights

Select this item to make the following adjustments (where provided):

• Dipped beam sensitivity: 1 to 3.





















- Courtesy lights: 0, 30, 60, 90 seconds.
- Automatic main beam: enable, disable.
- Cornering lights: enable, disable.
- ☐ Doors & Locks Select this item to make the following adjustments (where provided):
 - Automatic door lock: enable, disable.
 - Door unlock on exit: enable, disable.
 - Flash dipped beam headlights when closing: enable/disable.
 - Horn on door lock: enable, disable.
 - Passive Entry: enable, disable.
- Idle Preset

This allows the following adjustments to be made to the "Engine Idle Preset" function (where provided):

- Idle Preset activation: enable, disable.
- Idle speed selection: from 900 rpm to 2200 rpm.
- ☐ Engine stopping procedure Select this item to switch off the engine in the event of a fault in the Keyless Enter-N-Go system, following the procedure described on the display (where provided).

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.

| rning lights on | panel What it means |
|-----------------|---|
| | INSUFFICIENT BRAKE FLUID / PARKING BRAKE ON The warning light switches on when the key is turned to MAR-ON, but it should switch off after a few seconds. |
| red | 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. |
| | Parking brake on The warning light switches on when the parking brake is engaged. Release the parking brake, then check that the warning light has switched off. If the warning light stays on, contact a Fiat Dealership. |
| | EBD FAILURE The simultaneous switching on of the ① (red), ((amber) and \$\frac{1}{2}\$ (amber) warning lights (for versions/markets, |

where provided), with the engine on, indicates either a failure of the EBD system or that the system is not available. In this case, the rear wheels may suddenly lock and the vehicle may swerve when braking sharply. The display shows the dedicated message.

Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately.

| | What it means |
|-------|---|
| amber | EBD FAILURE The simultaneous switching on of the ① (red), ② (amber) and ② (amber) warning lights (for versions/markets, where provided), with the engine on, indicates either a failure of the EBD system or that the system is not available. In this case, the rear wheels may suddenly lock and the vehicle may swerve when braking sharply. The display shows the dedicated message. Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately. |
| amber | |
| 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. \$\mathref{L}\$ 55) 56) |
| 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. With the multifunction display, you can also reactivate the system through the Setup menu. |

What it means

ENGINE COOLANT TEMPERATURE TOO HIGH

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 turns on when the engine is overheated.

N.B. The screen-printed icon indicating excessive engine coolant temperature is only provided on versions with reconfigurable multifunction display.

The display shows the dedicated message.

In normal driving conditions: stop the vehicle, switch off the engine and check that the water level in the reservoir is not below the MIN mark. In this case, wait for the engine to cool down, then slowly and carefully open the cap, top up with coolant and check that the level is between the MIN and MAX marks on the reservoir itself. Also check visually for any fluid leaks. If, when restarting, the warning light switches on again, contact a Fiat Dealership.

If the vehicle is used under demanding conditions (e.g. in high-performance driving): slow down and, if the warning light stays on, stop the vehicle. Stop for two or three minutes with the engine running and slightly accelerated to facilitate better coolant circulation, then turn the engine off. Check that the coolant level is correct as described above.

IMPORTANT Over demanding routes, it is advisable to keep the engine running and slightly accelerated for a few minutes before turning it off.

ELECTRIC POWER STEERING FAILURE

The warning light switches on when the ignition device is brought to the MAR position, but it should switch off after a few seconds.

If the warning light stays on, on some versions along with a dedicated message on the display, you may not have power steering and the effort required to operate the steering wheel could be notably increased; steering is, however, possible. In this case, contact a Fiat Dealership.

If the warning light switches on while driving (on some versions, together with a dedicated message on the display) you may not have steering assistance. Although it will still be possible to steer the vehicle, the effort needed to operate the steering wheel could be increased: contact a Fiat Dealership as soon as possible. WARNING In some circumstances, factors independent of the electric power steering could cause the warning light on the instrument panel to switch on. In this case, stop the vehicle immediately (if you are moving), stop the engine for about 20 seconds (taking the ignition device to the STOP position) and then restart the engine. If the warning light stays on, contact a Fiat Dealership.

WARNING The steering must be initialised after disconnecting the 12V battery. The warning light turns on to indicate this. To carry out this procedure, slowly turn the steering wheel all the way from one end to the other or drive in a straight line for about a hundred metres.

Contact a Fiat Dealership.























| | What it means |
|-------|--|
| red | ANTI-INTRUSION WARNING (for versions/markets, where provided) The warning light flashes to indicate that the anti-intrusion system has intervened. |
| red | HANDS NOT DETECTED ON STEERING WHEEL (for versions/markets, where provided) The warning light, or the symbol in the display, is shown when the driver's hands are not detected on the steering wheel for an extended period of time. |
| amber | HANDS NOT DETECTED ON STEERING WHEEL (for versions/markets, where provided) The warning light, or the symbol in the display, is shown when the driver's hands are not detected on the steering wheel for a few seconds. |
| amber | EOBD/INJECTION SYSTEM FAILURE In normal conditions, when the ignition key is turned to MAR the warning light switches on, but it should switch off as soon as the engine is started. The operation of the warning light may be checked by the traffic police using specific devices. Comply with the laws and regulations of the country where you are driving. |
| amber | If the warning light or symbol on the display stays on or switches on when driving, it means that the injection system is not working properly; in particular, if the warning light or symbol comes on constantly, this indicates a malfunction in the supply/ignition system that could cause excessive exhaust emissions, a possible loss of performance, poor driveability and high fuel consumption. On some versions the display shows the dedicated message. The warning light or symbol on the display switches off if the malfunction disappears, but is still stored by the system. Under these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the vehicle with the warning light on may cause damage. Contact a Fiat Dealership as soon as possible. |

| | What it means | |
|----------------|---|--|
| amber | AdBlue [®] (UREA) INJECTION SYSTEM FAILURE The warning light comes on, together with a dedicated message on the panel (for versions/markets, where provided) if a liquid not conforming with the nominal characteristics is injected, if an average consumption of AdBlue [®] (UREA) greater than or less than 50% is detected or in the event of failures that could compromise the correct functioning of the AdBlue [®] injection system. Contact a Fiat Dealership as soon as possible. If the problem is not solved, a specific message will appear on the instrument panel display whenever a certain threshold is reached until it will no longer be possible to start the engine. When 200 km are left before you will no longer be able to restart the engine, a continuous dedicated message will appear on the dashboard (for versions/markets, where provided) accompanied by an acoustic warning sound. | |
| 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. | |
| ▲ amber | FUEL RESERVE 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 when there are about 10/12 litres of fuel (for versions with tank capacity 75/90 litres) or 9 litres (for versions with tank capacity 60 litres) remaining in the tank. On some versions, the triangle on the right side of the symbol indicates the side of the vehicle with the fuel filler. The warning light will blink to indicate a system fault. If this is the case, go to a Fiat Dealership to have the system checked. | |
| amber | GLOW PLUG PREHEATING / GLOW PLUG PREHEATING FAILURE Glow plugs This warning light or symbol on the display switches on when the key is turned to MAR. It will switch off as soon as the glow plugs have reached a preset temperature. IMPORTANT When it is particularly warm outside, the warning light stays on for an extremely short time. Start the engine as soon as the warning light switches off. | |





















| | What it means |
|--------------|--|
| amber | Glow plug preheating failure The warning light or symbol on the display flashes if there is a fault in the glow plug preheating system. On some versions the display shows the dedicated message. Contact a Fiat Dealership as soon as possible. |
| amber | LOW AdBlue [®] (UREA) DIESEL EMISSIONS ADDITIVE LEVEL WARNING (for versions/markets, where provided) The warning light or the symbol in the display will come on if the vehicle has a low level of AdBlue [®] (UREA). Fill the AdBlue [®] (UREA) tank |
| amber amber | REAR FOG LIGHTS The warning light comes on when the rear fog lights are turned on. |
| amber | ESC-ASR SYSTEM / TRACTION PLUS 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. |
| | HILL HOLDER SYSTEM FAILURE The warning light will turn on when the Hill Holder system is faulty. On certain versions a dedicated message is displayed. In this case, contact a Fiat Dealership as soon as possible. |
| OFF amber | ESC-ASR / TRACTION PLUS SYSTEM DEACTIVATION The warning light comes on when the driver presses the ESC OFF button or activates the Traction Plus function (for versions/markets, where provided). |

amber

What it means





(for versions/markets, where provided)

The warning light or symbol also appears on the display if the Start&Stop system is deactivated. A dedicated message appears on the display on some versions.





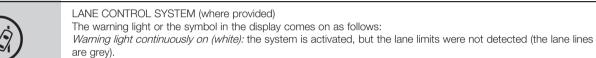
white / yellow amber /

green

LANE CONTROL SYSTEM FAILURE (where provided)

This warning light or symbol also appears on the display in the event of a Lane Control system failure. The display shows the dedicated message. Contact a Fiat Dealership as soon as possible.







Warning light on and flashing (amber): the vehicle has approached the lane line and is about to pass it. Warning light switched on continuously (green): the system has detected the limits of both lanes. The system will act on the steering wheel if the lane was passed unintentionally.



TPMS

TPMS failure

The warning light flashes for about 75 seconds and then stavs 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 tyre duration and fuel 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.





| | What it means |
|--------------|--|
| amber | FULL BRAKE CONTROL SYSTEM TRIGGERED OR FAILURE (for versions/markets, where provided) The warning light or symbol on the display 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 system unavailability. Contact a Fiat Dealership as soon as possible. |
| OFF amber | FULL BRAKE CONTROL SYSTEM MANUAL DEACTIVATION OR RESTARTING (for versions/markets, where provided) The warning light or symbol on the display switches on constantly (together with a specific alert on the display) if the system is manually deactivated, temporary blinding of the front camera or temporarily until it is restarted. |
| 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" paragraph in "Exterior lights" in the "Knowing your vehicle" chapter). |
| 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. |
| #0 green | FOG LIGHTS The warning light comes on when the front fog lights are turned on. |

What it means CRUISE CONTROL (for versions/markets, where provided) This warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds, if the Cruise Control is deactivated. The warning light in the instrument panel comes on when the Cruise Control system is engaged (press the steering wheel control button to activate and then press one of the steering wheel control buttons to set the speed). On certain versions a dedicated message is displayed. AUTOMATIC HIGH BEAM HEADLIGHTS (Automatic High Beam / High Beam Control) This warning light comes on when the automatic main beam headlights are activated. TRACTION PLUS SYSTEM ACTIVATION (for versions/markets, where provided) This warning light or symbol also appears on the display in the event of a Traction Plus system activation. MAIN BEAM HEADLIGHTS The warning light switches on when the main beam headlights are turned on.



WARNING

55) If the X 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.





















56) The failure of the x warning light is indicated by the \(\Lambda\) warning light flashing or, depending on the version, by the x icon constantly on in the display. In this case, the x 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.



IMPORTANT

20) If, when the ignition key is turned to MAR, the the warning light does not switch on, switches on constantly or flashes while driving (on certain versions together with the message on the display), contact a Fiat Dealership as soon as possible.

Symbols shown on the display

| Symbol | What it means | |
|--------|--|--|
| red | AIRBAG FAILURE The symbol switches on, together with a message on the display, in cause of an air bag system failure. Contact a Fiat Dealership as soon as possible. | |
| red | LOW ENGINE OIL PRESSURE The symbol indicates that the engine oil pressure is low. If it turns on temporarily or flashes (for about 5 seconds), check the oil level by following the corresponding procedure (see the description in the "Checking levels" paragraph in the "Maintenance and care" chapter) and top up to the correct level if necessary. If the symbol turns on continuously, contact a Fiat Dealership to have the system checked. WARNING IF THE SYMBOL TURNS ON CONTINUOUSLY: Do not use the vehicle until the failure has been solved. When the symbol turns on, it does not indicate the amount of oil in the engine: the oil level can be checked on the display upon entering on the vehicle and also by activating the "Oil level" function on the Connect system. | |
| red | ALTERNATOR FAILURE The switching on of the symbol with engine on corresponds to an alternator failure. Contact a Fiat Dealership as soon as possible. | |

| Symbol | What it means |
|-----------|--|
| red | INCOMPLETE DOOR/LOAD COMPARTMENT CLOSURE The symbol switches on when one or more doors or the load compartment are not completely shut. An acoustic signal will sound when doors/tailgate are open and the vehicle is moving. On some versions, the display shows a dedicated message 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. Close the door(s) or the load compartment correctly. |
| red | BONNET NOT PROPERLY SHUT The symbol switches on when the engine bonnet is not properly shut (for versions/markets, where provided). Close the bonnet properly. |
| red | AUTOMATIC TRANSMISSION FAILURE The symbol switches on, together with a message in the display and an acoustic warning, to indicate that the automatic transmission or the dual clutch automatic transmission is faulty. Contact a Fiat Dealership as soon as possible. |
| red | ATTENTION ASSIST SYSTEM INTERVENTION The symbol lights up if the Attention Assist system is activated. The system, after estimating the driver's drowsiness level, through specific events, suggests to the driver to stop for a break, because continuing driving is risky. Stop to pause while driving, pulling the vehicle over in safe conditions. |
| red | SELF-LEVELLING SUSPENSION FAILURE (where provided) The symbol switches in the event of a failure in the self-levelling suspension system. Contact a Fiat Dealership. |
| red/green | SEAT BELTS the green symbol lights up when the seat belt is fastened correctly. the red symbol lights up when the seat belt is not fastened correctly. Always fasten the seat belt before setting off. |
| amber | ATTENTION ASSIST SYSTEM INTERVENTION FAILURE The symbol comes on in the event of an Attention Assist system failure. Contact a Fiat Dealership. |





















| Symbol | What it means |
|--------------|---|
| amber | BRAKE LIGHT FAILURE The symbol switches on in the case of failure of the brake lights. |
| (O) amber | BRAKE PAD WEAR The symbol switches on if the front or rear brake pads are worn. On certain versions a dedicated message is displayed. Replace the brake pads as soon as possible. |
| amber | KEYLESS ENTRY SYSTEM FAILURE The symbol comes on in the event of a Keyless Entry system failure. Contact a Fiat Dealership as soon as possible. |
| amber | ENGINE OIL PRESSURE SENSOR FAILURE The symbol switches on constantly together with the message in the display in the case of engine oil pressure sensor failure. |
| amber | RAIN SENSOR FAILURE The symbol switches on in the case of failure of the rain sensor. Contact a Fiat Dealership as soon as possible. |
| amber | FUEL CUT-OFF SYSTEM OPERATION The symbol switches on in the event of fuel cut-off system intervention. For reactivating the fuel cut-off system, refer to the description in the "Fuel cut-off system" section in the "In an emergency" chapter. If it is still not possible to restore the fuel supply, contact a Fiat Dealership. |
| amber | FUEL CUT-OFF SYSTEM FAILURE The symbol switches on in the event of fuel cut-off system failure. Contact a Fiat Dealership as soon as possible. |
| amber | FUEL FILTER (where provided) The symbol switches on in the event of fuel filter failure. Contact a Fiat Dealership as soon as possible. |

| Symbol | What it means | |
|------------------------------|--|---|
| A! amber | START&STOP SYSTEM FAILURE The symbol switches on to report a failure of the Start&Stop system. The display will show a dedicated message. Contact a Fiat Dealership as soon as possible. | |
| (A) amber | START&STOP SYSTEM FAILURE / PRESS CLUTCH PEDAL The symbol illuminates to indicate a fault in the Start&Stop system and alerts the driver to the need to press the clutch pedal. The display will show a dedicated message. Contact a Fiat Dealership as soon as possible. | - |
| - <mark>-</mark> Ö- amber | EXTERNAL LIGHTS FAILURE The symbol switches on to indicate a failure on the following lights: daytime running lights (DRL); parking lights; side lights; direction indicators; rear fog light; reversing light; number plate lights. The anomaly may be caused by a blown bulb, a blown protection fuse or an interruption of the electrical connection. Replace the faulty bulb. If the problem persists contact a Fiat Dealership. | |
| amber | FUEL LEVEL SENSOR FAILURE The symbol switches on in the event of fuel level sensor failure. Contact a Fiat Dealership. | |
| amber | WATER IN DIESEL FUEL FILTER The warning light or symbol switches on constantly while driving (along with a message in the display), to indicate the presence of water in the Diesel filter. 21) | _ |
| amber | POSSIBLE ICE ON ROAD The symbol turns on when the external temperature falls to or below 3°C. WARNING In the event of external temperature sensor failure, the digits that indicate the value are replaced by dashes. | |
| TI amber | FIAT CODE SYSTEM FAILURE The symbol switches on to indicate a failure of the Fiat CODE system. Contact a Fiat Dealership as soon as possible. | |





















| Symbol | What it means | |
|-------------------------------|--|--|
| ₩ I AUTO • amber | DUSK SENSOR FAILURE The symbol switches on along with a dedicated message on the display in the event of dusk sensor failure. Contact a Fiat Dealership as soon as possible. | |
| amber amber | AUDIO SYSTEM FAILURE The symbol switches on to report a failure of the sound system. Contact a Fiat Dealership as soon as possible. | |
| P/≜! amber / red | PARK ASSIST SYSTEM FAILURE The yellow symbol comes on in the event of a temporary Park Assist system failure. Contact a Fiat Dealership if the problem persists after cleaning the parking sensor area. The red symbol comes on in the event of a permanent Park Assist system failure. The system malfunction might be due to the battery voltage being too low or other faults in the electrical system. Contact a Fiat Dealership as soon as possible. | |
| amber / red | AUTONOMOUS EMERGENCY BRAKE CONTROL (AEB Control) SYSTEM FAILURE The yellow symbol comes on (together with a message on the display) in the event of a temporary Autonomous Emergency Brake Control (AEB Control) system failure. Contact a Fiat Dealership as soon as possible. The red symbol comes on (together with a message on the display) in the event of a permanent Autonomous Emergency Brake Control (AEB Control) system failure. Contact a Fiat Dealership as soon as possible. | |
| amber | BLIND SPOT ASSIST (BSA) SYSTEM FAILURE The symbol comes on (on some versions together with a dedicated message) in the event of Blind Spot Assist failure. Contact a Fiat Dealership as soon as possible. | |
| amber | TRAFFIC SIGN RECOGNITION SYSTEM FAILURE (where provided) The symbol comes on, on some versions together with a message, in the event of Traffic Sign Recognition system failure. Contact a Fiat Dealership as soon as possible. | |
| white/grey | ADAPTIVE CRUISE CONTROL (ACC) (where provided) The white symbol lights up when Adaptive Cruise Control (ACC) is engaged and active. The grey symbol lights up when Adaptive Cruise Control (ACC) is engaged but not yet active. | |

| Symbol | What it means |
|------------------------------|--|
| amber | ADAPTIVE CRUISE CONTROL (ACC) FAILURE (where provided) The symbol lights up to indicate a failure of the Adaptive Cruise Control (ACC) failure. Contact a Fiat Dealership as soon as possible. |
| amber | SCHEDULED SERVICING (SERVICE) The "Service Schedule" includes vehicle maintenance at fixed intervals(refer to the "Maintenance and care" chapter. When the next scheduled service of the vehicle is approaching, the symbol will be displayed, followed by the number of kilometres/miles or days (where provided) left, when the ignition device is turned to MAR. This is displayed automatically, with ignition device at MAR, 2000 km before servicing or, where provided, 30 days before servicing. It is also displayed each time the ignition device is turned to MAR. The display will be in km or miles depending on the unit of measurement set. Go to a Fiat Dealership, where the "Service Schedule" operations will be performed and the message will be reset. |
| amber | CLUTCH PEDAL The symbol lights up to indicate the need to press the clutch pedal to allow the engine to start for versions fitted with a manual transmission. |
| =<u> </u> -3 amber | DPF CLEANING (particulate trap) in progress (diesel versions with DPF only) The symbol switches on constantly to indicate that the DPF system needs to eliminate the trapped pollutants (particulate) through the regeneration process. The symbol stays off during the entire DPF regeneration and lights up only when driving conditions require the driver to be notified. The symbol does not switch on during every DPF regeneration, but only when driving conditions require that the driver is notified. To turn off the symbol, keep vehicle in motion until the regeneration process is over. The process normally takes about 15 minutes. Optimum conditions for completing the process are achieved by travelling at 60 km/h with engine revs above 2000 rpm. When this symbol switches on, it does not indicate a defect of the vehicle and thus it should not be taken to a workshop. On some versions, together with the symbol switching on, the display shows a dedicated message. WARNING Failure to follow the procedure provided for when the symbol comes on for a mileage equate or greater than 30 km or for a cumulative time equal to or greater than 2 hours, may result in the warning light coming on with consequent damage to the DPF device. Remember that if the warning light is on, it is necessary to go to the Fiat Dealership to restore the correct function of the DPF. |





















| Symbol | What it means |
|-----------------------------|---|
| ≣ (A) amber | 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. |
| amber | HILL DESCENT CONTROL (where provided) The symbol appears to indicate that the Hill Holder system has intervened. |
| amber | DEGRADED ENGINE OIL (where provided) The symbol is shown on the display (on some versions, together with a dedicated message). The symbol is displayed for 3 minute cycles and intervals of 5 seconds until oil is changed. The symbol is displayed until the problem is solved. WARNING After the first indication, each time the engine is started the symbol will continue to switch on as described above until the oil is changed. On certain versions a dedicated message is displayed. If the symbol flashes, this does not mean that there is a fault on the vehicle, rather it simply reports that it is now necessary to change the oil as a result of regular use of the vehicle. The deterioration of engine oil is accelerated by using the vehicle for short drives, preventing the engine from reaching operating temperature. Contact a Fiat Dealership as soon as possible. |
| LIM ^Q I amber | SPEED LIMITER FAILURE The symbol switches on to indicate a Speed Limiter failure. Contact a Fiat Dealership as soon as possible. |
| 3m amber | TRAILER LENGTH ("AUTO" SETTING) The symbol lights up to show the trailer length, set via the "Blind Spot" function in the Setup Menu of the display. The length can be: 3 metres, or 6 metres, or 9 metres(or 10 ft, 20 ft, 30 ft depending on the selected unit of measure). |
| Max ••• amber | MAXIMUM TRAILER LENGTH The symbol lights up to indicate the maximum length (greater than 9 metres) of the trailer, set using the "Blind Spot" function in the Setup Menu of the display. |

| Symbol | What it means | |
|----------------------|--|-------------------|
| Auto o o amber | AUTOMATIC TRAILER LENGTH The symbol lights up to show the automatic trailer length, set via the "Blind Spot" function in the Setup Menu of the display. | |
| amber | FUEL CUT-OFF CIRCUIT BREAKER OF THE ADDITIONAL HEATER TRIPPED (where provided) The symbol turns on to indicate that the fuel cut-off circuit breaker of the additional heater has tripped. See the information in the "In an emergency" section of the "Fuel cut-off circuit breaker of the additional heater" chapter. | - |
| amber | GENERIC FAILURE WARNING (where provided) The symbol lights up in the following circumstances: if the fuel inertia cut-off switch is activated; light failure (rear fog lamps, direction indicators, brake lights, number plate lights, side lights, daytime running lights, main beam automatism, trailer direction indicators, trailer side lights) The failure relating to these lights could be: one or more blown bulbs, a blown protection fuse or a break in the electrical connection; airbag warning light failure (generic failure warning light flashing). In this case, the warning light (or symbol) may not indicate any faults with the restraint systems. Before continuing, contact a Fiat Dealership immediately to have the system checked. rain sensor failure / trailer connection failure / sound system failure / parking sensors failure. In these cases, contact a Fiat Dealership as soon as possible to have the fault fixed. | |
| LIM | INTELLIGENT SPEED ASSIST SYSTEM ACTIVATION (where provided) The symbol comes on in the event of a Intelligent Speed Assist system failure. | |
| green | ELECTRONIC CRUISE CONTROL The symbol comes on in the event of a Cruise Control system failure. | |
| LIM green | SPEED LIMITER The symbol comes on in the event of a Speed Limiter system failure. | 65- |
| green | MANUAL START&STOP ACTIVATION A message will appear, where provided, on the display when the system is activated. | Z S E B A I C T D |

| Symbol | What it means | |
|----------------------|--|--|
| (A) green | START&STOP SYSTEM ACTIVATION The symbol appears in the case of Start&Stop (engine switching off) intervention. Restarting the engine, the warning light switches off. | |
| 2 Notes | HEADLIGHT HEIGHT The symbol indicates the height of the dipped beam headlights, set to four levels (0-4) using buttons □ and □. | |
| or SHIFT white | SINGLE GEAR SHIFT INDICATION (SHIFTING UP) This symbol appears to suggest engaging a higher gear (upshifting). NOTE The symbol graphics will vary according to the type of display fitted on your vehicle. | |
| or SHIFT white | SINGLE GEAR SHIFT INDICATION (SHIFTING DOWN) The symbol appears to suggest engaging a lower gear (downshifting). NOTE The symbol graphics will vary according to the type of display fitted on your vehicle. | |
| or SHIFT white | DOUBLE GEAR SHIFT INDICATION (SHIFTING UP) This symbol appears to suggest shifting two gears up (upshifting). NOTE The symbol graphics will vary according to the type of display fitted on your vehicle. | |

| Symbol | What it means |
|--------------------------|--|
| or SHIFT white | DOUBLE GEAR SHIFT INDICATION (SHIFTING DOWN) The symbol appears to suggest shifting down two gears (downshifting). NOTE The symbol graphics will vary according to the type of display fitted on your vehicle. |
| white | HILL DESCENT CONTROL (where provided) System activation: symbol switched on continuously along with the display of a dedicated message. System failed activation: LED on the button in the central tunnel switched on (see "Active Safety Systems" paragraph, "Safety" chapter). |
| white / red | SPEED LIMIT EXCEEDED The symbol turns on when the speed limit (e.g. 120 km/h) set through the display from Menu is exceeded (the inner value updates according to the set speed). In markets where provided, the speed limit is fixed and cannot be set from the Menu. |
| LIM white/grey | SPEED LIMITER The white symbol appears to indicate that the Speed Limiter is ready. The grey symbol appears to indicate that the Speed Limiter is ready. |
| • • white | TOWING A TRAILER The symbol lights up when a trailer is coupled to the vehicle. |
| white | TRAILER TOWING FAILURE The symbol switches on to report a failure of the trailer system. Contact a Fiat Dealership as soon as possible. |
| ECO white | "DRIVE MODE" FUNCTION (versions with manual transmission) The message appears on the display if the "ECO" function is activated. |





















| Symbol | What it means |
|---------------------------|---|
| ECO or PWR white | "DRIVE MODE" FUNCTION (versions with automatic transmission) The messages are shown on the display when the "ECO" or "POWER" function is activated. |



IMPORTANT

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

22) Degraded engine oil should be replaced as soon as possible after the warning light somes on, and never more than 500 km after it first comes on. Failure to observe the above may result in severe damage to the engine and invalidate the warranty. Remember that when this warning light comes on, it does not mean that the level of engine oil is low, so if it flashes it does not mean that you need to top up the engine oil.

23) If the warning light flashes when driving, contact a Fiat Dealership.



IMPORTANT

24) If the 📂 symbol switches on while driving, stop the engine immediately and contact a Fiat Dealership.

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

SAFETY

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

| ABS | 116 |
|---|-----|
| ESC (Electronic Stability Control) SYSTEM | 117 |
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| | |
| SEAT BELTS | 132 |
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| SETUP FOR "UNIVERSAL | |
| ISOFIX" CHILD RESTRAINT | |
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| SUPPLEMENTARY RESTRAINT | |
| SYSTEM (SRS) - AIRBAG | 150 |





















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.

A 57)

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.

1 58) 59) 60) 61) 62) 63) 64)

MSR SYSTEM

(Motor Schleppmoment Regelung)

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 or in the case of shifting down suddenly in conditions of poor grip. 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.

A

WARNING

57) 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.

- **58)** 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.
- **59)** 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.
- **60)** The ABS cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.
- 61) The ABS system cannot prevent accidents, including those due to excessive speed on corners, driving on low-crip surfaces or aquaplaning.
- **62)** 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.
- **63)** 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.
- **64)** 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

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

of the vehicle.

- □ ASR
- **T**HBA
- □ ERM
- **THDC**
- **4** 65) 66) 67)

SYSTEM INTERVENTION

This is signalled by the flashing of the warning light \mathfrak{F} 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

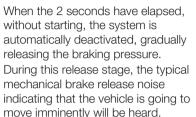
This system is an integral part of the ESC system and facilitates starting on slopes.

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 transmission in neutral or gear (other than reverse) engaged;
- downhill: vehicle stationary on a road with a gradient higher than 5%, engine running, brake pressed and reverse gear engaged.

When setting off, the ESC system control unit maintains the braking pressure on the wheels until the 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.



WARNING The Hill Holder system is not a parking brake; therefore, never leave the vehicle without having engaged the parking brake, turned the engine off and engaged 1st gear, so that it is parked in safe conditions (for further information read the "Parking" paragraph in the "Starting and driving" chapter).

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;

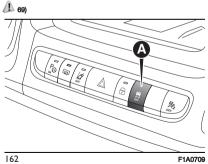
☐ if the slipping only involves one of the drive wheels, it intervenes automatically braking the wheel that is slipping.



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 ESC OFF \cite{L} (A) fig. 162 button.



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 SYSTEM

(Hydraulic Brake Assist)

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.



ERM (ELECTRONIC ROLLOVER MITIGATION) SYSTEM

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

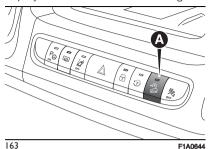
If these conditions occur, the system intervenes on the brakes and engine power to reduce the possibility that the wheels are raised from the ground. It is not possible to avoid the tendency to roll over if this is due to reasons such as driving on high side gradients, collision with objects or other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

HILL DESCENT CONTROL (HDC) SYSTEM

It is an integral part of the ESC and is aimed at keeping the vehicle at a constant speed during a descent, operating autonomously on the brakes in various ways at the same time. In this way the vehicle stability and completely safe driving are guaranteed, above all in poor grip conditions and/or steep descents.

To activate the system, reach a speed slower than 25 km/h and press the corresponding button (A)fig. 163; the

LED on the button turns on and the display shows a dedicated message.



After reaching the desired speed, release the accelerator and brake pedals completely (the LED on the button flashes). If you want to increase/decrease the speed, press the accelerator/brake pedals again.

WARNING Do not use the device with the transmission in neutral position.

WARNING It is important to engage a gear suitable for the set speed, to prevent the engine from stalling.

When this function is active the brake lights turn on automatically.
While the HDC system is operating it is also possible to take control of the

vehicle again by pressing the brake and

accelerator pedals.

If the function is not made available when the button is pressed, this could be due to brake overheating. In this case, wait a few minutes before using the function again.

WARNING The system is available for speeds below 25 km/h.

WARNING On exceeding 25 km/h, the HDC system is disabled and remains ready to operate again (the LED on the button remains on) when the vehicle returns below 25 km/h. If the vehicle speed exceeds 40 km/h, the HDC system turns off completely (the LED on the button turns off) and any autonomous action on the brakes is disabled.

To reactivate it, press the dedicated button again when the speed is again below 25 km/h.

26)

A

WARNING

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

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

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

- 67) 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.
- **68)** 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
- 69) 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.
- 70) 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.
- 71) The HBA system cannot prevent accidents, including those due to excessive speed on bends, travelling on low-grip surfaces or aquaplaning.
- 72) 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.
- 73) 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.



IMPORTANT

26) Prolonged use of the system may overheat the braking system. If the brakes overheat, the HDC system, when active, will be gradually deactivated after suitably informing the driver (the LED on the button turns off): it can be reactivated only when the brakes have cooled sufficiently. The distance you can travel depends on the brake temperature and thus on the slope, the load and the vehicle speed.

TRACTION PLUS SYSTEM

(for versions/markets, where provided) Traction Plus is a driving aid, useful for setting off in poor grip conditions on non-homogeneous road surfaces (snow/asphalt, ice/asphalt, mud/asphalt, etc.), which allows the drive force to be distributed adequately on the engine axle when one of the two drive wheels slips.

Traction Plus acts by braking the wheel with poor grip (or the one which slips more than the others), thereby transferring the drive force to those which have greater grip on the ground. This function can be turned on manually by pressing the (A) button

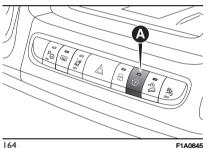
fig. 164 on the dashboard and works below a level of 50 km/h. Over this speed, it is automatically deactivated (the LED on the button is still on) and it is reactivated again when the speed is below 30 km/h.

4 74) 75)

TRACTION PLUS OPERATION

When the engine is started the system is disabled.

To activate the "Traction Plus" system, press the button (A) fig. 164: the LED on the button switches on.



The activation of the Traction Plus system involves the following functions being switched on:

- $\hfill \blacksquare$ inhibition of the ASR function, in order to fully exploit the engine torque;
- ☐ the differential locking effect on the front axle, through the braking system, to improve traction on irregular grounds.

If the "Traction Plus" system is faulty, the "general failure" instrument panel warning light \$\frac{1}{2}\$ comes on steady. When travelling on snowy roads with snow chains, it may be helpful to turn the Traction Plus on and thus inhibiting the ASR function: in fact, in these conditions, slipping of the drive wheels when moving off makes it possible to obtain better traction.



WARNING

74) The Traction Plus system acts effectively only on road surfaces that are not homogeneous and/or differentiated between the two drive wheels.

75) Until the setting off manoeuvre is terminated, fully depress the accelerator pedal in order to transfer all the drive torque to the wheel with the best grip.

DRIVING ASSISTANCE SYSTEMS

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

- ☐ BSA (Blind Spot Assist with Trailer Detection)
- ☐ Attention Assist
- ☐ TPMS (Tyre Pressure Monitoring System)
- ☐ AEBC (Autonomous Emergency Brake Control)
- Lane Control

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

BSA (Blind Spot Assist with Trailer Detection) SYSTEM

The vehicle can be equipped with the BSA (Blind Spot Assist with Trailer Detection) system for blind spot monitoring. The BSA system uses two radar sensors, located in the rear side bumper (one on each side) fig. 165, 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).



165

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

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

In no trailers are connected, the detection area of the system covers

about a lane on both sides of the vehicle (approx. 3 metres).

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.

WARNINGS

- ☐ 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. 165 where the radar sensors are located must stay free from snow, ice and dirt gathered from the road surface.

















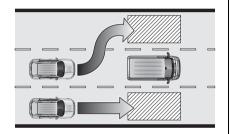




☐ Do not cover the side rear bumper area fig. 165 where the radar sensors are located with any object (e.g. adhesives, bike rack, etc.).

Rear view

The system detects vehicles coming from the rear part of the vehicle on both sides and entering the rear detection area fig. 166 with a difference in speed of less than 50 km/h with respect to your vehicle.

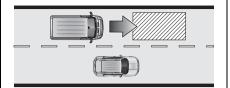


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Overtaking vehicles

166

If another vehicle is overtaken slowly fig. 167 (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.

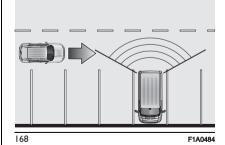


167 F1A0481

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 5 km/h and 60 km/h, as is generally the case in parking lots fig. 168.



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.

A 76)

Trailer Detection

The system can detect the presence and length of a trailer and extend the blind spot warning zone to the length of the trailer

After the system detects the presence of a trailer and the speed exceeds 10 km/h, a notification is sent to driver.

If a trailer is detected, the Rear Cross Path function is deactivated.

The "Blind Spot" function on the display Setup Menu can be used to set the mode for detecting the trailer lenath.

According to the set trailer length detection mode, the corresponding icon will be displayed:

- □ Max with the "Max" setting selected. The warning zone is set to the maximum expected length (greater than 9 metres):
- \square 3^{m} , 6^{m} or 9^{m} with the "Auto" setting selected. The system will show an icon corresponding to the automatically detected length (3 m, 6 m, 9 m). In this case, it may be necessary to travel at least a curve with a 90-degree rotation to let the system detect the length of the trailer. Once the length has been determined, the icon corresponding to the length measured in metres or feet will be

displayed depending on the selected unit of measurement

If the trailer is longer than 9 m, the system will display the maximum length icon and respective message.

If the vehicle is stationary for more than 120 seconds, the system detects the trailer again:

¬ if the trailer is no longer detected, the icon indicating the presence and length of the trailer disappears;

¬ when set to "Auto", if a new trailer is detected as present, with the same length as the previous one (with an error of 1 m), the length icon remains unchanged;

■ When set to "Auto", if a new trailer is detected as present, with a different length from the previous one, the length icon is updated.



















76) 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.







ATTENTION ASSIST SYSTEM

(where provided)

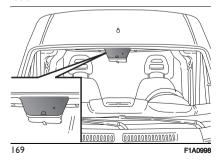
This is an auxiliary driving assistance system that detects when the driver is tired.

ACTIVATION / DEACTIVATION

The system can be activated/deactivated via the "Settings" menu of the **UconnectTM** system (see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section) or via the instrument panel (see "Settings" in the "Display" paragraph in the "Knowing the instrument panel" section).

SYSTEM INTERVENTION

The system intervenes if the camera in the middle of the windscreen fig. 169 detects that the driver is tired, based on variations of vehicle trajectory and getting too close to the side of the road.



The (red) symbol appears on the instrument panel screen with a dedicated message suggesting the driver to stop and take a break. An acoustic signal is also emitted. ☐ If the driver **accepts** the suggestion provided by the system and stops for a pause, by pressing the OK button on the left side of the steering wheel, the message will disappear from the display and the symbol
will be displayed in the dedicated area of the instrument panel display up to the next time the engine is started/stopped. ☐ If the driver **ignores** the warning provided by the system and does not stop, the message will remain on the instrument panel display until the **OK** button located on the left hand side controls of the steering wheel is pressed. The symbol **4**, will remain displayed in the dedicated area of the instrument panel display. IMPORTANT In the event of a system

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

TPMS (Tyre Pressure Monitoring System)

(for versions/markets, where provided)

1 77 78 79 80) 81) 82) 83) 84) 85)

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 (1) 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. If the vehicle has been stopped with the engine off for at least 20 minutes, 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

- 77) 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.
- **78)** If the system signals a pressure drop on a specific tyre, it is recommended to check the pressure on all four tyres.
- **79)** 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.
- 80) 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.
- 81) 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.
- **82)** The system only warns that the tyre pressure is low: it is not able to inflate them.
- 83) Insufficient tyre inflation increases fuel consumption, reduces the tread duration and may affect your ability to drive the vehicle safety.
- **84)** 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.
- 85) 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 operation one are used, it is recommended to have the TPMS sensor operation checked by a qualified repair centre.

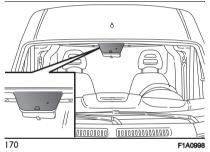
AUTONOMOUS EMERGENCY BRAKE CONTROL SYSTEM (AEB Control)

(where provided)

4 86) 87) 88) 89) 90)

27) 28) 29) 30) 31)

This is a driving assistance system consisting of a camera mounted in the middle of the windscreen fig. 170 capable of intervening in case of vehicles, cyclists and pedestrians. 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 warnings 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 of 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). The system will not intervene if the driver takes control of the vehicle and is recognised as being aware of the situation and possible collision. The vehicle is equipped with the "creeping" function. It may therefore restart a few seconds after the automatic stop in the case of vehicles with automatic transmission. If braking brings the vehicle to a stop the engine may stall on vehicles with manual transmission.

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

The Autonomous Emergency Brake Control can be deactivated (and then switched back on again) using the Uconnect™ system (see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section), or using the instrument panel (see "Settings" in the

"Display" paragraph in the "Knowing the instrument panel" section).

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 automatic braking and additional assistance in braking stage, where the driver does not brake sufficiently in the event of a potential frontal impact:
- □ System deactivated: the system does not give visual and acoustic warnings, limited braking, automatic braking or additional assistance during braking. The system will therefore provide no indication of a possible accident.

WARNING Visual signals will indicate the direction of detection of the obstacle (vehicles, pedestrians or cyclists).

Activation / deactivation

If Autonomous Emergency Brake Control 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 settina selected.

The system activation status will not be kept in the memory when the engine is switched off: if the system is deactivated when the engine is switched off, it will be active when it its next started.

After a deactivation, the system can be reactivated from the UconnectTM 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 "Multimedia" section 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 engine is switched off.

Function temporarily not available warning

If the deactivation warning light comes on together with the failure warning lights without having intentionally deactivated the system, a condition temporarily disabling operation of the system may have occurred. The main

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

Although the 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. 170 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;

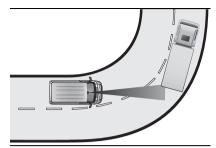
 lane change by other vehicles;
- □ vehicles travelling at right angles to the vehicle.

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

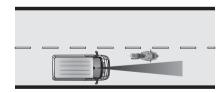
When entering or leaving a wide bend, the system may detect a vehicle that is in front of you, but that is not driving in the same lane fig. 171. In cases such as these, the system may intervene.



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

The system cannot detect vehicles in front of you but outside the camera's field of vision and may therefore not react in the presence of small vehicles, such as motorbikes, fig. 172.

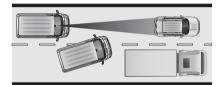


172 F1A0996

Pedestrian/cyclist detection

While driving, when there is a risk of collision with a pedestrian or cyclist, the system will display the relevant warning message indicating the direction of obstacle detection and, if necessary, apply the brakes.

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. 173.



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Warnings

or braking may occur.

173

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



WARNING











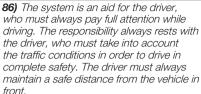












87) The capability of the Autonomous Emergency Brake Control system must never be tested irresponsibly or dangerously, in such a way as to compromise personal safety and the safety of others.

88) 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).

89) The system intervenes on vehicles. pedestrians and cyclists travelling in the same lane. Animals and things (e.g. pushchairs) are not taken into consideration.

90) 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

27) The system may have limited operation or not work at all in weather conditions such as, low sun, heavy rain, hail, thick fog, heavy snow.

28) System intervention might be unexpected or delayed when other vehicles transport loads projecting from the side, above or from the rear, with respect to the normal size of the vehicle.
29) Operation can be adversely affected by any structural change made to the

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.

30) 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.

31) Do not tamper with nor operate on the camera on the windscreen. In the event of a sensor failure, contact a Fiat Dealership.

LANE CONTROL SYSTEM DESCRIPTION

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

When the one of the lane lines is detected and the vehicle crosses it without the awareness of the driver (direction indicator off), the Lane Control system provides a tactile warning in form of torque applied to the steering wheel (vibration) when the lane limit is approached, thus advising the driver that action must be taken to remain in the lane.

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

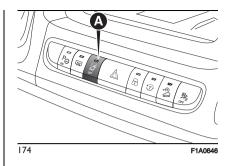
If the vehicle continues going beyond the line of the lane without any intervention from the driver, the warning light $\dot{\hat{S}}$ (or the icon on the reconfigurable multifunction display) will be displayed on the instrument panel to urge the driver to bring the vehicle back into the limits of the lane.

SYSTEM ON/OFF

When the vehicle is started the system is disabled.

To disengage the system press button (A) fig. 174.

On some versions, a specific message indicating disabling is shown on the display.



Activation conditions

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

- ☐ the driver always keeps at least one hand on the steering wheel;
- □ vehicle ranges between 60 km/h and 180 km/h;
- ☐ the lane is delimited at least on one side;
- $\hfill \blacksquare$ there are suitable visibility conditions;
- ☐ the road is straight or with wide radius bends;
- ☐ the direction indicator (lane departure) is not activated in the same lane departure direction as the vehicle.

WARNING The system does not apply torque to the steering wheel every time a safety system is activated (brakes, ABS, ASR system, ESC system, Forward Collision Warning Plus system, etc.).

SYMBOLS AND MESSAGES ON THE DISPLAY

The Lane Control also warns the driver when the vehicle strays out of lane by displaying symbols and messages on the instrument panel display.

Versions with analogue display

When the system is active and the lane limits have not been detected, the symbol $\dot{\alpha}$ is fixed and white.

Versions with reconfigurable multifunction display

When the system is active and the lane limits have not been detected, the lane lines are grey and a dedicated icon is shown in the dedicated top area of the display.

Exiting a lane with detection of a single limit

When the system is active and only, for example, the left lane limit has been detected, a vehicle icon is shown in the dedicated area of the display; the system is ready to provide visual warnings in the event of unintentional exiting (direction indicator not activated) of the lane to the left.

When the system detects that the vehicle has approached the lane line, the left line on the display turns yellow and the vehicle icon shown on the display becomes yellow.

When the system detects that the vehicle has approached the lane line

and is about to pass it, the left line on the display (yellow) flashes and the vehicle icon shown on the display turns yellow.

The system operates in the same way, but mirrored, in the event of exiting the right lane when only the right lane limit has been detected.

Exiting a lane with detection of both limits

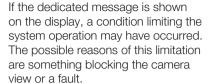
When the system is active, the lane lines on the display become white to indicate the successful detection of the limits.

When both lane limits have been detected, the vehicle shown in the graphic icon on the display changes green and the system is ready. In accordance with the different conditions detected, the system can attract the attention of the driver by altering the lines that identify the lanes on the display. In particular, the system can alter their colour (from white to yellow and vice versa), and make them flash. Equally, the system alters the colour of the vehicle icon shown on the display.

Changing the system settings

The settings of the system can be changed through the **Uconnect™** system (see description in the dedicated supplement).

System limited operation warning



If an obstruction is signalled, clean the area of the windscreen by the interior rear-view mirror and check that the message has disappeared.

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

When the conditions limiting the

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

No hands on steering wheel detection

If the system detects no hands from the steering wheel during active system intervention, the system will produce an escalation of visual-acoustic warnings, which will take 15 seconds to invite the driver to put the hands on the steering wheel. If you do not put your hands on the wheel within this time, the system will disconnect and provide an additional warning for 5 seconds.





















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.



IMPORTANT

32) The camera may have limited or absent operation due to weather conditions such as: heavy rain, hail, thick fog, heavy snow, formation of ice layers on the windscreen glass.

33) Camera operation may also be compromised by the presence of dust, condensation, dirt or ice on the windscreen glass, by traffic conditions (e.a. vehicles that are driving not aligned with yours, of vehicle in a transverse or opposite way on the same lane, bend with a narrow radius of curvature), by road surface conditions and by driving conditions (e.g. off-road driving). Make sure the windscreen is always clean. Use specific detergents and clean cloths to avoid scratching the windscreen. The camera operation may also be limited or absent in some driving, traffic and road surface conditions.

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;
- \blacksquare 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

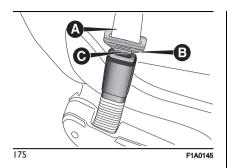
IN BRIEF

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. 175 and insert it into buckle (B), until it clicks into place.



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

Press button (C) fig. 175 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.

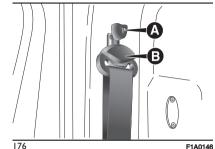
91)

HEIGHT ADJUSTMENT

To adjust, press button (A) fig. 176 and raise or lower the handle (B).

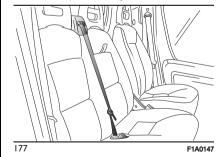
92) 93)

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.



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. 177.



A.

travellina.

WARNING

91) Never press button (C) fig. 175 when

92) The height of the seat belts must be adjusted with the vehicle stationary.
93) 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











SBR (SEAT BELT REMINDER) SYSTEM

device to click if it has not been released in

one of the possible positions.



The SBR system warns the passengers of the front and rear (where provided) seats if their seat belt is not fastened. The system warnings unfastened seat belts with visual warnings (warning lights on in the instrument panel and icons on the display) and an acoustic warning (see the following paragraphs). NOTE To deactivate the acoustic warning permanently contact a Fiat Dealership. The acoustic warning can be reactivated at any time through the display Menu (see the "Display" chapter in the "Knowing the instrument panel" section).











Front seat belt warning light behaviour

When the ignition device is turned to MAR, the warning light (A) fig. 178 (3.5" display) or fig. 179 (7" display) for comes on for a few seconds, regardless of the status of the front seat belts.

With car moving slower than 20 km/h, if the driver side seat belt or the passenger side seat belt (with occupant seated) is unfastened, the warning light 4 stays on constantly.





As soon as a speed threshold of 20 km/h is reached, with driver side seat belt or the passenger side seat belt (with occupant seated) unfastened, an acoustic warning is activated simultaneously with warning light flashing for about 105 seconds.

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

When the reverse is engaged, during the cycle of warnings, the acoustic signal is deactivated and the same warning light turns on fixed.

If the car speed drops to less than 8 km/h or if reverse gear is engaged during the warning cycle, the tone will

be interrupted and the warning light

switches on fixed.

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

Operation of rear seat belt icons

The icons shown on the display fig. 180 (3.5" display) or fig. 181 (7" display) according to the corresponding seat belts in the rear seats, and stay on for about 65 seconds from the last seat belt status change.

The icons (A) shown on the display indicate:

☐ three symbols ♣: left, centre, right seat:

☐ four symbols ♣: left, centre left, centre right, right seat(Cargo versions); ☐ three symbols ♣ for the middle row: left, middle, right seat and three symbols ♣ for the third row: left, middle, right seat (Panorama version).



180 F1A0847



181

F1A0848

Icons on the 3.5" display

If a rear seat belt is fastened, the icon 👗 appears.

With the car travelling as speed lower than 20 km/h, if a rear seat belt is unbuckled, the icon a stays on with fixed light for a total of approximately 65 seconds.

If the car is travelling at a speed faster than 20 km/h and reverse is not engaged, if a rear seat belt is unbuckled, an acoustic indication is sounded when the icon a blinks for approximately 35 seconds. Successively, the acoustic warning is deactivated and the icon lights up with fixed light until the end of the entire cycle.

Icons on the 7" display

The icons are displayed according to the corresponding seat belts in the rear seats, and stay on for about 65

seconds from the last seat belt status change:

□ if the seat helt is fastened the corresponding icon & will be green: □ if the seat belt is unfastened the corresponding icon # will be red. With the car travelling as speed lower than 20 km/h, if a rear seat belt is unbuckled, the red icon 4 stays on with fixed light for a total of approximately 65 seconds. If the car is travelling at a speed faster than 20 km/h and reverse is not engaged, if a rear seat belt is unbuckled, an acoustic indication is sounded when the red icon 🏝 blinks for approximately 35 seconds. Successively, the acoustic warning is deactivated and the icon lights up with fixed light until the end of the entire cvcle.

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

WARNINGS

As far as the rear seats and the third row are concerned, the SBR system will only indicate whether the seat belts are unfastened or fastened, not the presence of any passengers.

For the rear seats and on the third row. the icons will activate a few seconds after the ignition device has been turned to MAR, regardless of the status of the seat belts (even if the seat belts are all fastened).

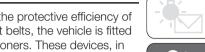
All the warning lights/icons will come on when at least one belt changes from fastened to unfastened status or vice. versa.







PRE-TENSIONERS



















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.

A 94)

A 34)

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. 182).

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

4 95) 96) 97)



182 F1A0148





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. 184. 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

94) The pretensioner may be used only once. After it is triggered, have it replaced at a Fiat Dealership.

95) 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.

96) 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.

97) 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

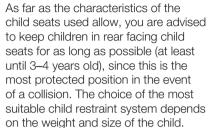
34) Operations which lead to impacts, vibrations or localised heating (over 100°C for a maximum of six hours) in the area around the pretensioners may damage or deploy them. Contact a Fiat Dealership should intervention be necessary on these components.

CHILD RESTRAINT SYSTEMS

CARRYING CHILDREN SAFELY

For optimal protection in the event of a collision, 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.



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:



Weight groups

Group 0

up to 10 kg in weight





















| Group | Weight groups |
|----------|-----------------------|
| Group 0+ | up to 13 kg in weight |
| 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 typeapproval 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.

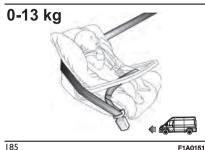


GROUP 0 and 0+

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. 185 and it must restrain the child in turn with its own belts.

4 99) 100) 101) 102) 103) 104) 105)



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. 186.

100) 101) 102) 103) 104) 105)



GROUP 2

Children from 15 to 25 kg may use the seat belts of the vehicle directly fig. 187.

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.

100) 101) 102) 103) 104)

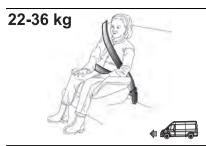


GROUP 3

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

100) 101) 102) 103) 104)



188 F1A0154

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



WARNING

98) 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.

99) 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).

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

101) 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.

102) 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.

103) 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.

104) The diagrams are indicative and provided for assembly purposes only. Fit

the child restraint system according to the instructions, which must be included.

105) 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 refers to the single cab Van, Combi and Panorama versions):

| Group | Weight groups | САВ | | | 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 | Х | U | Х | Х | U | U | X |
| Group 1 | 9–18 kg | Х | U (a) | Х | Х | U | U | Х |
| Group 2 | 15–25 kg | U (a) | U (a) | Х | Х | U | U | Х |
| Group 3 | 22–36 kg | U (a) | ∪ (a) | Х | Х | 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.

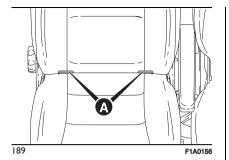
SETUP FOR "UNIVERSAL ISOFIX" CHILD **RESTRAINT SYSTEM**

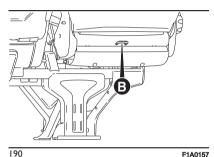
The vehicle is set up for fitting an Isofix child restraint system.

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. 189 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. 190 located at the bottom behind the backrest.

fig. 192 shows an example of a Universal ISOFIX child restraint system for weight group 1.





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. 191.

WARNING The fig. 192 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.



191

192













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106) 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.







107) Fiat Professional recommends fitting the child restraint system according to the instructions, which must be included.
108) Never use the same lower anchorage to attach more than one child restraint.
109) 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 |
| Portable cradie | Rear facing | G | Х | X |
| Group 0 (up to 10 kg) | Rear facing | Е | IL | IL |
| | Rear facing | Е | IL | IL IL |
| Group 0+ (up to 13 kg) | Rear facing | D | IL | IL |
| | Rear facing | С | IL | IL . |
| | Rear facing | D | IL | IL |
| | Rear facing | С | IL | IL . |
| Group 1 (from 9 up to 18 kg) | Forward facing | В | IUF | IUF |
| 5, | Forward facing | B1 | IUF | IUF |
| | Forward facing | А | IUF | IUF |



















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.

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.

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. 193symbol will appear on the seats near the ISOFIX attachments.



193 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 Cita child rectraint quaterna | ISO/R2 | Χ | Χ | X |
| i-Size child restraint systems | ISO/F2 | Χ | Χ | 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**





















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



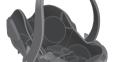
kq

from 40 cm to 80 cm



Type of child restraint system

Child restraint system installation



BeSafe iZi Go Modular Fiat order code: 71808564





BeSafe iZi Modular i-Size Base Fiat order code: 71808566

Universal/i-Size child restraint system. It must be installed facing rearwards, using the 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.

Weight group

Child restraint system

Type of child restraint system

Child restraint system installation



BeSafe iZi Modular i-Size Fiat order code: 71808565

Group 0+/1: from 9 up to 18 kg from 67 cm to 105 cm

+ +



BeSafe iZi Modular i-Size BaseFiat order code: 71808566

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.

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.

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.

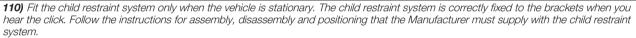






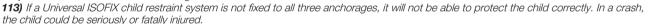


WARNING





112) Never use the same lower anchorage to attach more than one child restraint.

















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 a collision.
- ☐ 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 collision.
- ☐ 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 anchorages 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.

A

WARNING

114) 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.

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 mediumhigh 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.); m when the vehicle is wedged under other vehicles or protective barriers (e.g. under a lorry or a quardrail);

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.

115)

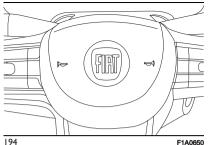
The driver's and passenger's front airbags have been designed and calibrated to protect front seat occupants wearing seat belts. At their maximum inflation, their volume fills most of the space between the steering wheel and the driver and between the dashboard and the passenger.

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. 194.



















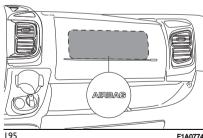








(for versions/markets, where provided) This consists of an instantly inflating bag contained in a special compartment in the dashboard fig. 195: this bag has a larger volume than that on the driver side





PASSENGER'S FRONT **AIRBAG AND CHILD RESTRAINT SYSTEMS**

116)

Rearward facing child restraint systems must **NFVFR** be fitted on the front seat with an active passenger airbag since in the event of a collision the airbag activation may cause fatal injuries to the transported child.



196 F1A0773

ALWAYS comply with the instructions on the label stuck on the passenger side sun visor fig. 196.

Manual deactivation of front passenger side airbag and side bag

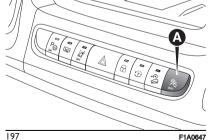
(for versions/markets, where provided) If a child must necessarily be carried on the front seat in a rearward-facing child restraint system, the front passenger airbag and side bag (for

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 2 fig. 197 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.



When the vehicle is started (kev 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

115) 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.

116) 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 MORTALLI 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. DEATH OR SERIOUS INJURY CAN OCCUR. NVEVR use a rearward facilio giuli d'estrainita 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 SCHWERT VERLETUNGEN zur Folge haben. Rickwistz sperichtee Kinderrischalteursyteme (Babyschald) didine nicht in Verbindung mit aktiviertem Befahrerairbag auf dem Befahreritz verwendet warden DIT KAN DODEIJK ZIJN OF ERNSTIGE ONGELUKKEN VERCORZAKEN. Plasts het kinderstoelig niet ruggelings op de voorstool wanneer er een airbag aanwezig is. DIT KAN DODEIJK ZIJN OF ERNSTIGE ONGELUKKEN VERCORZAKEN. Plasts het kinderstoelig niet ruggelings op de voorstool wanneer er een airbag aanwezig is. PUEDE OCACIONAR HUERTE O HERIDAS GRAVES. NO ubicar el asiento para niflos en sendod inverso al de marcha en el asiento delantero si hubiese airbag activo lado pasegero. NE VOLON Universitat de la deligación de la designación de la deligación de la designación de la deligación de la designación de la deligación de la være aktiv (on). FARE FOR DODELIGE ENVESTELSER GO LIVISTURIDED SKADER. Placer aldrig en bagudeventé barnestol pla passager-arribagen er indistillet til at være aktiv (on). FARE FOR DODELIGE ENVESTELSER GO LIVISTURIDED SKADER. Placer aldrig en baldavind barnstol i framsitet di justice s'divisuumaga vastassuumas. FIN KULLEHANNARAR TAI VAKAVIEN VAMMO[EN UHKA. Alia aseta lasten turvaistuinta niin, ettà lapti on selfa menosuuntaan, kun makustajan airbag on käytössä. SICO DE MORTE OU FERNIMENTOS GRAVÉS Não pos | | |
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| NIE WOLNO umieszczać foletika dzieciecego tylem do kierunku jazdy na przednim siedzeniu w przypadku zainstalowanej aktywnej poduszki powietrznej pasażera. TR ÖLÜM VEYA AĞIR ŞEKİLDE YARALANMAYA SEBEP OLABİLİR. Yolcu airbaği aktif halde iken çocuk koltuğunu araç gidiş yönüne ters biçimde yerleştirmeyin. FARE FOR DÖDELIGE KYÆSTELSER OG LIVSTRUENDE SKADER. Placer alfdrig en bagudvendt barnestol på pasaşærerazedet, hivis pasaşær-airbagen er indstillet til at være aktiv (on). EST TAGAJĀRJEKS VÖIVAD OLLA TÖSISED 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 İSTIKTI MIRTIS ARBA GALITE RIMTAI SUSIŽEISTI. Nedekite valko sedymės atgręžtos nugara į priekinstol i framsätet dži passagerasidans krockkudde är aktiv. H HALÁSOS VAGY SÜLYOS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekullést a menetiránnyal szembe, ha az utas oldalán legzsák működik. LV VAR IZRAISĪT NĀVI VAI NOPIETNAS TRAUMAS. Nenovietot mazuļa sédekli pretěji braukšanas virzienam, ja pasažiera pusě ir uzstádīts gaisa spilvens. CZ HROZĪ NEBEZPĒČĪ VÁŽNÉHO UBLÍŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumistújte dětskou sedačku do opačné polohy vůči směru jizdy v případě aktivního airbagu spolujezdce. SLO LAHKO PRIDE DO SMRTI ALI HUDIH POŠKODB. Otroškega avtomobilskega sedeža ne nameščajte v obratní smeri vožnje, če ima vozilo vgrajene zračne blazine za potníke. SE POATE PRODUCE DECESUL SAU LEZIUNÍ GRAVE. Nu aşezaţi scaunul de maşinā pentru bebeluşi în poziţie contrară direcţiei de mers atunci când airbag-ul pasagerului este activat. MIODEI NA ΠΡΟΚΛΗΘΟΥΝ ΘΑΝΑΤΟΣ Η ΧΟΒΑΡΑ ΤΡΑΥΜΑΤΑ. Μην τοποθετείτε το καρεκλάκα αυτοκινήτου για παιδία σε αντίθετη προς την φορά πορείας θέση σε | Е | 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. |
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| CALI IŠTIKTI MIRTIS ARBA GALITE RIMTAI SUSIŽEISTI. Nedekite vaiko sėdynės atgręžtos nugara į priekinį automobilio stiklą ten, kur yra veikiant keleivio oro pagalvė. KAN VARA LIVSHOTANDE ELLER LEDA TILL ALLVARLIGA SKADOR. Placera aldrig en bakātvāind barnstol i framsätet då passagerarsidans krockkudde är aktiv. HALÁSOS VAGY SÜLYOS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekülėst a menetiránnyal szembe, ha az utas oldalán légzsák működik. LV VAR IZRAIŠĪT NĀVI VAI NOPIETNAS TRAUMAS. Nenovietot mazuļa sēdekli pretēji braukšanas virzienam, ja pasažiera pusē ir uzstādīts gaisa spilvens. HROZĪ NEBEZPĒCĪ VĀŽNĒHO UBLĪŽENĪ NA ZDRAVĪ NEBO DOKONCE SMRTI. Neumistujte dētskou sedačku do opačné polohy viči smēru jizdy v připadě aktivního airbagu spolujezdce. SLO LAHKO PRIDE DO SMRTI ALI HUDIH POŠKODB. Otroškega avtomobilskega sedeža ne nameščajte v obratní smeri vožnje, če ima vozilo vgrajene zračne blazine za potnike. SE POATE PRODUCE DECESUL SAU LEZIUNI GRAVE. Nu aşezaţi scanul de maşinā pentru bebeluşi în poziţie contrară direcţiei de mers atunci când airbag-ul pasagerului este activat. MIOPEI NA 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 ΜΜΑ ΟΠΑCHOCT ΟΤ CMPT И СΕΡΙΟЗΗИ ΗΑΡΑΗΑΒΑΗΙИЯ. Η епоставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. SK ΜΟΣΕ ΝΑSΤΑŤ SMRŤ ALEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktivny airbag spolujazdca. TPABMЫ И ЛЕТАЛЬНЫЙ ИСХОД, Детское кресло, устанавливающееся против направления, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности. 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. | FIN | KUOLEMANVAARA TAI VAKAVIEN VAMMOJEN UHKA. Älä aseta lasten turvaistuinta niin, että lapsi on selkä menosuuntaan, kun matkustajan airbag on käytössä. |
| S KAN VARA LIVSHOTANDE ELLER LEDA TILL ALLVARLIGA SKADOR. Placera aldrig en bakátvánd barnstol i framsátet dá 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 IZRAISÎT NĀVI VAI NOPIETNAS TRAUMAS. Nenovietot mazuļa sēdekli pretēji braukšanas virzienam, ja pasažiera pusē ir uzstādīts gaisa spilvens. HROZÍ NEBEZPĒČÍ VĀŽNÉHO UBLÍŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumistujte dētskou sedačku do opačné polohy vůči směru jizdy v připadé aktivního airbagu spolujezdce. SLO LAHKO PRIDE DO SMRTI ALI HUDIH POŠKODB. Otroškega avtomobilskega sedeža ne nameščajte v obratní 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. MΠΟΡΕΙ 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 ΜΑΔ ΟΠΑCHOCT ΟΤ CMPT И СΕΡΙΛΟЗΗΜ ΗΑΡΑΗΑΙΒΑΗΜЯ. He поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. SK ΜΟΣΕ ΝΑΣΤΑŤ SMRŤ ΑLEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktivny airbag spolujazdca. RUS TPABMЫ И ЛЕТАЛЬНЫЙ ИСХОД. Детское кресло, устанавливающееся против направления, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности. HR ОРАSNOST 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. | Р | 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. |
| HALÁSOS VAGY SÚLYOS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekülést a menetiránnyal szembe, ha az utas oldalán légzsák műkódik. LV VAR IZRAISÍT NĀVI VAI NOPIETNAS TRAUMAS. Nenovietot mazuļa sēdekli pretēji braukšanas virzienam, ja pasažiera pusē ir uzstādīts gaisa spilvens. HROZÍ NEBEZPEĆÍ VÁŽNÉHO UBLÍŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumistujte dětskou sedačku do opačné polohy vôtč směru jizdy v připadě aktivního airbagu spolujezdce. SLO LAHKO PRIDE DO SMRTI ALI HUDIH POŠKODB. Otroškega avtomobilskega sedeža ne nameščajte v obratní smeri vožnje, če ima vozilo vgrajene zračne blazine za potnike. SE POATE PRODUCE DECESUL SAU LEZIUNI GRAVE. Nu spezaţi scaunul de maşină pentru bebeluşi în poziţie contrară direcţiei de mers atunci când airbag-ul pasagerului este activat. GR MΠΟΡΕΙ 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 ИΜΑ ΟΠΑCHOCT ΟΤ CMPT И СΕΡΙΛΟЗΗИ ΗΑΡΑΗΒΑΗИЯ. He поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. SK ΜΟΣΕ ΝΑSΤΑŤ SMRŤ ΑLΕΒΟ VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktivny airbag spolujazdca. RUS TPABMЫ 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 OZLIEDA. Sjedala za djecu koja se montiraju u smjeru suprotnom od vožnje ne smiju se instalirati na prednja sjedala ako postoji aktivni zračni jastuk suvozača. | LT | GALI IŠTIKTI MIRTIS ARBA GALITE RIMTAI SUSIŽEISTI. Nedėkite vaiko sėdynės atgręžtos nugara į priekinį automobilio stiklą ten, kur yra veikiant keleivio oro pagalvė. |
| VAR IZRAISÎT NĂVI VAI NOPIETNAS TRAUMAS. Nenovietot mazuļa sēdekli pretēji braukšanas virzienam, ja pasažiera pusē ir uzstādīts gaisa spilvens. HROZÍ NEBEZPĒĆĪ VĀŽNĒHO UBLĪŽENĪ NA ZDRAVĪ NEBO DOKONCE SMRTI. Neumistujte dētskou sedačku do opačné polohy vūči smēru jīzdy v připadě aktivního airbagu spolujezdce. LAHKO PRIDE DO SMRTI ALI HUDIH POŠKODB. Otroškega avtomobilskega sedeža ne nameščajte v obratní smeri vožnje, če ima vozilo vgrajene zračne blazine za potnike. SE POATE PRODUCE DECESUL SAU LEZIUNI GRAVE. Nu aşezaţi scanul de maşinā pentru bebeluşi în poziţie contrară direcţiei de mers atunci când airbag-ul pasagerului este activat. MΠΟΡΕΙ 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 ИΜΑ ΟΠΑCHOCT ΟΤ CMÞPT И СΕΡΙΟЗΗΜ ΗΑΡΑΗЯΒΑΗΜЯ. Η е поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. SK ΜΟΣΕ ΝΑSΤΑΤ SMRT ΑLEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktivny airbag spolujazdca. RUS ΤΡΑΒΜЫ И ЛΕΤΑЛЬНЫЙ ИСХОД, Детское кресло, устанавливающееся против направления движения, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности. HR ОРАSNOST 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. | s | KAN VARA LIVSHOTANDE ELLER LEDA TILL ALLVARLIGA SKADOR. Placera aldrig en bakåtrvänd barnstol i framsätet då passagerarsidans krockkudde är aktiv. |
| CZ HROZÍ NEBEZPEČÍ VÁŽNÉHO UBLÍŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumistujte dětskou sedačku do opačné polohy vůči směru jizdy v připadě aktivního airbagu spolujezdce. SLO LAHKO PRIDE DO SMRTI ALI HUDÍH POŠKODB. Otroškega avtomobilskega sedeža ne nameščajte v obratní smeri vožnje, če ima vozilo vgrajene zračne blazíne za potnike. RO SE POATE PRODUCE DECESUL SAU LEZIUNÍ GRAVE. Nu spezati scaunul de masiná pentru bebeluşí in pozitje contrará direcției de mers atunci când airbag-ul pasagerului este activat. MIOPEI NA 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 ИΜΑ ΟΠΑCHOCT ΟΤ CMÞPT И СΕΡΙΛΟЗΗИ НΑΡΑΗΒΑΗИЯ. He поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. SK ΜΟŽΕ NASTAŤ SMRŤ ALEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktivny airbag spolujazdca. RUS ΤΡΑΒΜΕΙ И ЛΕΤΑЛΙЬНЫЙ 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 OZLIEDA. Sjedala za djecu koja se montiraju u smjeru suprotnom od vožnje ne smiju se instalirati na prednja sjedala ako postoji aktivni zračni jastuk suvozača. | н | HALÁSOS VAGY SÚLYOS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekülést a menetiránnyal szembe, ha az utas oldalán légzsák működik. |
| 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 MΠΟΡΕΙ 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 ΜΜΑ ΟΠΑCHOCT ΟΤ CMÞPT И СΕΡΙΛΟЗΗИ ΗΑΡΑΗΒΒΑΗΙΜЯ. Η en ocrasariāre cronvero за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. SK ΜΟΣΕ ΝΑSΤΑŤ SMRŤ ALEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktívny airbag spolujazdca. RUS ΤΡΑΒΜΙΔΙ И ЛΕΤΑΠΙΘΗΙΔΙ И СКОД. Детское кресло, устанавливающееся против направления движения, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности. HR ΟPASNOST ΟD 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. | LV | VAR IZRAISĪT NĀVI VAI NOPIETNAS TRAUMAS. Nenovietot mazuļa sēdekli pretēji braukšanas virzienam, ja pasažiera pusē ir uzstādīts gaisa spilvens. |
| 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. MΠΟΡΕΙ 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 ИΜΑ ΟΠΑСНОСТ ΟΤ CMÞPT И СΕΡΙΟЗΗΜ ΗΑΡΑΗЯΒΑΗΜЯ. Η е поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. SK ΜΟΣΕ ΝΑSΤΑΤ SMRΤ ΑLEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktivny airbag spolujazdca. RUS ΤΡΑΒΜЫ И ЛΕΤΑЛЬНЫЙ ИСХОД, Детское кресло, устанавливающееся против направления движения, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности. HR ΟΡΑSNOST 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. | cz | HROZÍ NEBEZPEČÍ VÁŽNÉHO UBLÍŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumisťujte dětskou sedačku do opačné polohy vůči směru jízdy v případě aktivního airbagu spolujezdce. |
| MΠΟΡΕΙ 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 ИΜΑ ΟΠΑCHOCT ΟΤ CMЪΡΤ И СЕРИОЗНИ НАРАНЯВАНИЯ. Η е поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. SK ΜΟΣΕ NASTAŤ SMŘŤ ALEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktívny airbag spolujazdca. TPABMЫ 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. | 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. |
| Мην τοποθετείτε το καρεκλάκι αυτοκινήτου για παιδιά σε αντίθετη προς την φορά πορείας θέση σε περίπτωση που υπάρχει αερόσακος εν ενεργεία στη θέση συνεπιβάτη. ИМА ΟΠΑСНОСТ ΟΤ СМЪРТ И СЕРИОЗНИ НАРАНЯВАНИЯ. Не поставийте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. KK ΜΟΣΕ ΝΑSΤΑΤ 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. | RO | SE POATE PRODUCE DECESUL SAU LEZIUNI GRAVE. Nu așezați scaunul de mașină pentru bebeluși în poziție contrară direcției de mers atunci când airbag-ul pasagerului este activat. |
| He поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване. KU MÔŽE NASTAŤ SMRŤ ALEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktívny airbag spolujazdca. TPABMЫ И ЛЕТАЛЬНЫЙ ИСХОД. Детское кресло, устанавливающееся против направления движения, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности. 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. | GR | |
| 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. | BG | |
| 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. | SK | MÔŽE NASTAŤ SMRŤ ALEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktívny airbag spolujazdca. |
| Sjedala za djecu koja se montiraju u smjeru suprotnom od vožnje ne smiju se instalirati na prednja sjedala ako postoji aktivni zračni jastuk suvozača. | RUS | |
| قد تحدث حالات وفاة أو إصبابات بالغة. لا تستخدم مقاعد الأمان الخاصمة بالأطفال على مقمد مزود "بوسادة هوانية"، حيث إن الطفل قد يتعرض للوفاة أو لإصبابة باللغة. | HR | |
| | AS | قد تحدث حالات وفاة أو إصبابات بالغة. 🔻 تشتخدم مقاعد الأمان الفاصمة بالأطفل على مقعد مزود "بوسادة هو انهة"، حيث أن الطفل قد يتعرض للوفاة أو لإصبابة بالغة. |

198 F1A0387

SIDE BAGS

117) 118) 119) 120) 121) 122) 123) 124) 125) 126) 127) 128) 129) 130)

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. 199. 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



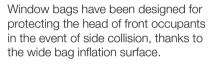
WINDOW BAGS

(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. 200.





200



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

117) 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.

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

the warning light of 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.

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

121) 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.

122) 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. **123)** The airbags may also be deployed

123) 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.

124) 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.

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

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

127) 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.

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

129) 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.

failure of 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.

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STARTING THE ENGINE

35)

The vehicle is fitted with an electronic engine lock device: if the engine fails to start, see the paragraph "The Fiat CODE system" in section "Know your vehicle".

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 for starting the engine.

WARNING If the accelerator pedal and the brake pedal are accidentally pressed at the same time, the system will consider the braking request has having a higher priority. In this condition, the engine will switch to recovery mode and performance (engine torque and vehicle speed) will be limited. To restore normal operation, simply release the accelerator pedal. It is not necessary to stop and start the engine.

131) (A) 36) 37)

PROCEDURE FOR VERSIONS WITH MANUAL TRANSMISSION

Proceed as follows:

- negage the parking brake;
- put the gear lever into neutral;
- □ take the ignition device to **MAR**: the warning lights **on** and **c** on the instrument panel will turn on:
- □ wait for the warning lights ♠ and to switch off. The hotter the engine is, the quicker this will happen;
- ☐ fully depress the clutch pedal without touching the accelerator;
- ☐ take the ignition device to AVV as soon as warning light 🃆 switches off. Waiting too long will waste the heating work carried out by the plugs.

Release the key as soon as the engine starts.

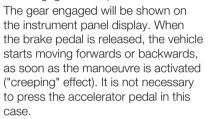
PROCEDURE FOR VERSIONS WITH AUTOMATIC TRANSMISSION

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

38)

VEHICLE MOVEMENT

To move the vehicle, from position P press the brake pedal and move the gear lever to the desired position (D or "Sequential mode") to move forward or R to engage reverse).



WARNING The inconsistency between the speed actually engaged (shown on the instrument panel display) and the position of the gear lever is indicated by the letter corresponding to the position of the lever flashing on the trim (also accompanied by an acoustic signal). This condition should not be interpreted as an operational fault, but simply as a request by the system to repeat the manoeuvre.

WARNING With the parking brake released and brake pedal released, engine at idling speed and gear lever in position D, R or sequential, pay the utmost care because the car can move even without the operation of the accelerator pedal. This condition





















can be used with the vehicle on a level surface during tight parking manoeuvres using the brake pedal only.



WARMING UP THE ENGINE JUST AFTER IT HAS STARTED

Proceed as follows:

- ☐ drive off slowly, letting the engine turn at medium revs. Do not accelerate abruptly;
- ☐ do not demand full performance at first. Wait until the engine coolant temperature gauge starts moving.

40) 41)

ENGINE STARTING FAILURE

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

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

electronic key. The ignition device is thus activated and the engine can be started.

SWITCHING OFF THE ENGINE

Turn the ignition device to STOP with the engine idling.



WARNING

131) It is dangerous to run the engine in enclosed areas. The engine consumes oxygen and engine exhaust contains carbon dioxide, carbon monoxide and other toxic gasses.



IMPORTANT

- **35)** A quick burst on the accelerator before stopping the engine serves no practical purpose; it wastes fuel and is especially damaging to turbocharged engines.
- 36) 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.
- **37)** When the engine is switched off never leave the ignition device in the MAR position to prevent useless current absorption from draining the battery.
- **38)** In some cases, when the engine switches off, the fan could activate for max. 120 seconds.

- **39)** If the engine fails to start with a gear engaged, the potentially dangerous situation due to the fact that the transmission is automatically placed in neutral will be signalled by a buzzer.
- **40)** Remember that the brake servo and power steering are not operational until the engine has been started, so you need to apply much more force than usual to the brake pedal and steering wheel.
- **41)** Never bump start the engine by pushing, towing or coasting downhill. This could cause fuel to flow into the catalytic converter and damage it beyond repair.

WHEN PARKED



42)

Proceed as follows when parking and leaving the vehicle:

- ☐ engage a gear (1st gear if facing uphill or reverse if facing downhill) and leave the wheels turned:
- stop the engine and engage the parking brake;
- □ 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.

WARNING NEVER leave the vehicle with the transmission in neutral or, on versions equipped with automatic transmission, before placing the gear lever at P).

VERSIONS WITH MANUAL TRANSMISSION

Proceed as follows:

□ engage a gear (1st gear if parked uphill or reverse if facing downhill) and leave the wheels turned

stop the engine and engage the parking brake:

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

Do not leave the key in the ignition as this drains the battery. Always remove the key when you leave the vehicle.

VERSIONS WITH AUTOMATIC TRANSMISSION

On versions with automatic transmission, keep the brake pedal pressed, apply the parking brake and engage the gear lever in position (P). wait for the letter P to appear on the display, after which the brake pedal can be released.

GENERAL WARNINGS

■ With the vehicle stationary and a gear engaged, always keep the brake pedal pressed until you decide to set off, then release the brake and accelerate aently:

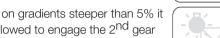
during prolonged stops with the engine running, it is advisable to keep the transmission in neutral (N):

■ to keep the clutch in good condition, do not use the accelerator to keep the vehicle stationary (e.g. when stopped facing uphill); the clutch could be damaged by overheating. Use the brake pedal instead and operate the accelerator only when you are ready to set off:

- only use second gear when you need greater control for starting manoeuvres on surfaces with poor grip:
- □ if, with reverse gear (R) engaged. you have to engage first gear or vice versa, only do this when the vehicle is completely stationary and with the brake pedal pressed;
- □ although it is strongly inadvisable. if you are driving downhill and, for unexpected reasons, you let the vehicle move forward with the transmission in neutral (N), when you engage a gear, the system will automatically engage the best gear to transmit the correct drive torque to the wheels depending on the vehicle speed;
- when necessary, you can engage 1St, (R) or (N) with the engine off, the kev in the MAR position and the brake pressed. In this case, gear shifts must be made allowing at least 5 minutes to elapse between one gear shift and the next to safeguard the operation of the hydraulic system and the pump in particular;

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

uphill on gradients steeper than 5% it is not allowed to engage the 2nd gear with vehicle stationary.



PARKING BRAKE

To apply the parking brake: the parking brake lever is located on the left side of the driver's seat fig. 201. Pull the lever upwards to engage the parking brake and ensure that the vehicle does not move.

WARNING Make sure that the parking brake 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 parking brake is engaged and the ignition key is at MAR, the (1) instrument panel warning light will turn on.











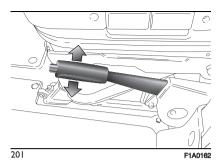












To release the parking brake:

slightly raise lever and hold button (A) pressed, checking that the (①) 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 parking brake 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 parking brake with the moving vehicle, moderate traction is advisable in order not to cause locking of the rear end with consequent swerving of the vehicle.



WARNING

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



IMPORTANT

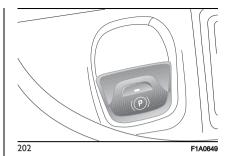
42) If the vehicle is equipped with self-levelling air suspension, always check that there is sufficient space above the roof and around the vehicle when parking. Indeed, the vehicle could raise (or lower) automatically depending on load or temperature changes.

ELECTRIC PARKING BRAKE (EPB)

(where provided)

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

The electric parking brake features a switch, located on the lower part of the dashboard on driver side fig. 202, a motor with calliper for each rear wheel and an electronic control module.



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

WARNING In addition to always parking the vehicle with the parking brake engaged, the steering wheel turned, chocks or stones positioned in front of the wheels (when on a steep slope), always engage a gear (1st gear with the car parked facing uphill or reverse gear with the vehicle parked facing downhill). On versions with automatic transmission/dual clutch automatic transmission, place the gear lever at P (Park).

WARNING Should the vehicle battery be faulty, to unlock the electric parking brake the battery must be replaced.

The electric parking brake can be engaged in two ways:

□ manually by pulling the switch fig. 202 on the lower part of the dashboard on driver's side;

☐ automatically in "Safe Hold" or "Auto Park Brake" conditions.

Engaging the parking brake manually

133) 134) 135)

Briefly pull the switch located on the lower part of the dashboard on driver side to manually engage the electric parking brake when the vehicle is stationary.

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

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

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

If, under exceptional circumstances, the use of the brake is required with vehicle in motion, keep the switch on the lower part of the dashboard on driver's side pulled as long as the brake action is necessary.

The warning light (①) may switch on with the hydraulic system temporarily unavailable; in this case braking is controlled by the motors.

The brake lights (stop) will also automatically switch on in the same way as for normal braking with the use of the brake pedal.

To stop the brake application while the vehicle is moving, release the switch on the lower part of the dashboard on driver's side.

If, through this procedure, the vehicle is braked until a speed below approx. 3 km/h (1.9 mph) is reached and the switch is kept pulled, the parking brake will definitively engage.

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

Disengaging the electric parking brake manually

The ignition device must be in the MAR position in order to manually release the parking brake. Furthermore, you need to press the brake pedal, then

press the switch on the lower part of the dashboard on driver's side. Noise may be heard from the rear of the vehicle and a slight movement of the brake pedal may be detected during disengagement.

Each automatic parking brake engagement can be cancelled by pressing the switch on the lower part of the dashboard on driver side and at the same time moving the automatic transmission/dual-clutch automatic transmission lever to position P (Park) or the ignition device to STOP (versions with manual transmission).

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

WARNING For versions with manual transmission, if the clutch pedal is pressed all the way and then released simultaneously with the press of the accelerator, the electric parking brake automatically releases.





















ELECTRIC PARKING BRAKE OPERATING MODES

The electric parking brake may operate as follows:

- ☐ "Dynamic operating mode": this mode is enabled by pulling the switch continuously whilst driving;
- □ "Static engagement and release mode": with the vehicle stationary, the electric parking brake can be activated by pulling the switch on the lower part of the dashboard on driver side.

 On the other hand, press the switch and the brake pedal at the same time to disengage the brake;
- ☐ "Drive Away Release" (where provided): the electric parking brake will automatically disengage with the detection of the driver's intention to move vehicle forward or in reverse. On versions with automatic transmission/dual-clutch automatic transmission, it is also necessary for the driver side safety belt to be properly fastened;
- ☐ "Safe Hold": if the vehicle speed is lower than 3 km/h and, for the versions with automatic transmission/dual clutch automatic transmission, the gear lever is not in P (Park) position, and the driver's intention to leave the vehicle is detected, the electric parking brake

will automatically engage to hold the vehicle in safety conditions;

□ "Auto Park Brake": if the speed of the vehicle is lower than 3 km/h, the electric parking brake will automatically engage when the gear lever is moved to P (Park) position (versions with automatic transmission/dual clutch automatic transmission), or with the ignition device at STOP (versions with manual transmission). The LED on the switch located in the lower part of the dashboard on driver side switches on together with the warning light (①) on the instrument panel when the parking brake is engaged and applied to the wheels.

SAFE HOLD

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

lf

- ☐ the vehicle speed is lower than 3 km/h:
- ☐ the gear lever is not at P (Park) (versions with automatic transmission/dual clutch automatic transmission);
- ☐ the driver's seat belt is not fastened;
- the driver side door is open;
- ☐ no attempted operation of the brake pedal or the accelerator pedal or, on

versions with manual transmission, the clutch pedal is detected;

the electric parking brake engages automatically to prevent vehicle movement.

The Safe Hold function can be temporarily disabled by pressing the switch located on the lower part of the dashboard on driver's side and the brake pedal at the same time, with the vehicle stationary and the driver side door open.

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



WARNING

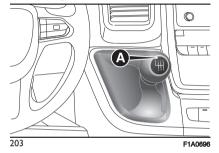
133) In the case of parking manoeuvres on roads on a gradient, the front wheels must be steered towards the pavement (when parking downhill), or in the opposite direction if the vehicle is parked uphill. If the vehicle is parked on a steep slope, it is advisable to block the wheels with a wedge or stone.

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

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

MANUAL TRANSMISSION

To engage the gears, press the clutch pedal fully and put the gear lever into the required position (the diagram for gear engagement is shown on the lever knob (A) fig. 203).



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

WARNING Reverse may only be engaged when the vehicle is at a standstill. With the engine running, wait for at least 2 seconds with the clutch pedal fully pressed before engaging reverse to prevent damage to the gears and grating.

WARNING The clutch pedal should be used only for gear changes.

Do not drive with your foot resting on the of the clutch pedal, however lightly. In some circumstances, the electronic of the clutch control could cut in by interpreting the incorrect driving style as a fault.

136) A 43) 44)



WARNING

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



IMPORTANT

43) Only rest your hand on the transmission when shifting gears. Do not drive with your hand resting on the gear knob (even only for a few seconds) as the force exerted, even if slight, could lead over time to premature wear of the gearbox internal components and impair its operation.

44) Do not place objects (e.g. bracelets, bags and/or purses) near the gear lever.

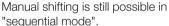
AUTOMATIC TRANSMISSION



(for versions/markets, where provided) Some versions are equipped with an electronically managed 9-speed automatic transmission with gears shifted automatically depending on the vehicle usage instantaneous parameters (vehicle speed, road gradient and accelerator pedal position).



The new transmission is an absolute innovation as it can match the Start&Stop system with the traditional automatic transmissions with built-in torque converter.







Versions with 3.5" multifunction display

The following indications fig. 204 appear on the display:

☐ in automatic mode: the selected gear (P, R, N, D1, D2, D3, D4, D5, D6);☐ in sequential mode: gear engagement, with numeric indication.





















204 F1A0772

Versions with 7" multifunction display

The following indications fig. 205 appear on the display:

- ☐ in sequential mode: gear engagement, through the numerical indication (A) fig. 205.
- □ in automatic mode: the selected gear (P, R, N, D1, D2, D3, D4, D5, D6) (B) fig. 205;



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GEAR LEVER

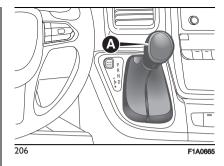
137) 138) 139) 140) 141) 142) **2** 45)

The (A) fig. 206 lever has the following positions:

- $\Box P = Park$
- $\Box \mathbf{R} = \text{Reverse}$
- **□ N** = Neutral
- **D** = Drive, (automatic forward speed)
- ☐ AutoStick: + shifting to higher gear in sequential driving mode; - shifting to lower gear in sequential driving mode.

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

The gear lever has a button which must be pressed to move the lever to P or R.



LEVER POSITIONS

Park (P)

46)

The transmission is mechanically locked in position P.

The ignition key can be removed only when the lever is in position P.

The lever must only be moved from P to D when the vehicle is stationary and the engine at idling speed.

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

WARNINGS

- Never try to select position P when the vehicle is moving.
- Before leaving vehicle, apply the electric parking brake and set the gear lever to this position.

☐ Before moving the gear lever to position P, apply the parking brake, otherwise moving the gear lever to P might be difficult.

☐ When restarting after a stop, the gear lever must be moved to position P before releasing the electric parking brake.

To check actual engagement of position P:

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

☐ make sure that letter P is displayed on the instrument panel;

□ with brake pedal released, make sure that the gear lever does not move from position P.

Reverse (R)

A7)

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

Shifting from R to N or D is free, while shifting from R to P can be made by the button on the gear lever, with engine at idling speed.

Neutral (N)

It corresponds to neutral for a standard manual transmission. The engine can be started with the lever in position N. Engage N (or P) in case of prolonged stops.

After the lever has been in N for a couple of seconds, the brake pedal

must be pressed to move from the N to D or R position. It is advisable not to accelerate and to make sure that the engine is stabilised at idle speed.

Drive (D) - Automatic forward gear It is the lever position in standard

It is the lever position in standard running conditions.

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

WARNING With the engine off and the ignition device in the MAR position, when the gear lever is positioned in R or D starting from N, the gear is not engaged.

Sequential mode (+ / -)

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

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

WARNING All movements of the gear lever must be performed with the vehicle stationary and engine idling only.

AUTOMATIC DRIVING MODE

To select the automatic driving mode, you need to shift the gear lever to

D. The best ratio is selected by the control unit depending speed, engine load (accelerator pedal position) and gradient of the road.

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

Kick-Down function

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

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

Gearshifting suggestion

With the transmission in automatic mode (selector lever in position D), when gearshifting is required by the paddles on the steering wheel (where provided), the system shifts to "Sequential mode" ("Autostick"), displaying the engaged gear for about 5 seconds. When this time has elapsed, if the paddles are not operated anymore, the system goes back to the automatic mode (D), with following displaying.

SEQUENTIAL DRIVING MODE - AUTOSTICK

In the case of frequent gear shifting (e.g. when the vehicle is driven with a





















heavy load, on slopes, with strong headwind or when towing heavy trailers), it is recommended to use the Autostick (sequential shifting) mode to select and keep a lower fixed ratio. In these conditions, using a lower gear improves vehicle performance and prolongs the life of the transmission, limiting gear shifting and preventing overheating. It is possible to shift from position D to the sequential mode regardless of vehicle speed.

Activation

With gear lever in position D, to activate the sequential drive mode, move the lever to the left (indication – and + on the panel). The gear engaged will be shown on the display.

Tip the gear stick forwards, towards symbol – or backwards, towards symbol +, to shift gears.

Deactivation

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

ENGINE STARTING

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

VEHICLE MOVEMENT

To move the vehicle, from position P press the brake pedal and move the lever to the desired position (D or "Sequential mode"move forward or 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.

WARNING The inconsistency between the speed actually engaged (shown on the display) and the position of the gear lever is indicated by the letter corresponding to the position of the lever flashing on the trim (also accompanied by an acoustic signal). This condition should not be interpreted as an operational fault, but simply as a request by the system to repeat the manoeuvre.

WARNING With the parking brake released and brake pedal released, engine at idling speed and gear lever in position D, R or sequential, pay the utmost care because the 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.

LEVER MOVEMENT INHIBITION

This system prevents you from moving the gear lever from position P if the brake pedal has not been previously pressed.

To bring the gear lever to a position other than P or from N to R, the ignition device must be in position MAR (engine on or off) and the brake pedal must be pressed.

The lever will remain locked in the P position in case of faults or flat battery. See the "Automatic transmission" paragraph in the "In an emergency" chapter for how to release the lever manually.

With the ignition device in MAR, if the lever remains in position N for more than about 2 seconds, it will be necessary to press the brake to be able to engage the gear (R and D). A message on the instrument panel will remind you that the brake must be pressed to shift.

ENGINE SWITCHING OFF

The system requires the gear lever to be positioned at P before extracting the key from the ignition device. It is advisable to put the lever in P before

stopping the engine and extract the key.

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

TRANSMISSION EMERGENCY FUNCTION

(where provided)

Transmission function is monitored electronically for abnormal conditions. If a condition that might damage the transmission is detected, the "transmission emergency" function is activated.

In this condition, the transmission stays in $4^{\mbox{th}}$ gear, regardless of the selected gear.

Positions P, R and N still work. Icon ${ \begin{tabular}{c} \end{tabular} }$ might light up on the display.

In the event of a "transmission emergency" immediately contact the nearest Fiat Dealership.

Temporary failure

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

stop the vehicle;

put the lever in P;

☐ turn the ignition device to the STOP position:

□ please wait for about 10 seconds, then restart the engine;

□ shift into the desired gear range. If the problem is no longer detected, the transmission will return to normal operation.

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

WARNINGS

Failure to comply with what is reported below may damage the transmission:

select position P (Park) only with the vehicle at a standstill;

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

☐ do not shift gears between positions P (Park), R (Reverse), N (Neutral) or D (Drive) with engine running at a speed above idling. Before engaging any gear position, fully depress the brake pedal;

□ keep the brake pedal pressed while moving the gear lever in a position different from P (Park);

☐ unexpected movement of the vehicle can injure the occupants or people nearby. Do not leave the vehicle with

engine running: before getting out of the passenger compartment always engage the parking brake, bring the gear lever to P (Park), switch off the engine and extract the key from the ignition device (for versions with mechanical key). With ignition device at STOP (key extraction allowed), the transmission is locked in position P (Park), to prevent any accidental movement of the vehicle;

☐ when getting out of the vehicle, always remove the mechanical key (where provided) from the ignition device and close all the doors. Do not leave children unattended inside the vehicle;

□ bringing the transmission to a position different from P (Park) or N (Neutral) at an engine speed higher than idling is dangerous; if the brake pedal is not fully pressed, the vehicle could rapidly accelerate. Only engage the gear with engine at idling, fully depressing the brake pedal; □ if the transmission temperature exceeds the normal operating limits,

exceeds the normal operating limits, the transmission control unit may change the gear engagement order and reduce the drive torque.

☐ if the transmission overheats the fluid overheating icon appears on the display. In this case the transmission





















could operate incorrectly until it cools down;

□ when using the vehicle with extremely low external temperatures, the transmission operation may change according to engine temperature and vehicle speed: activation of the higher gears could be inhibited until the transmission oil is correctly warmed up; this function accelerates engine and transmission warming up. Complete operation of the transmission will be enabled as soon as the oil temperature reaches the predefined value.



WARNING

137) Never use position P instead of the parking brake. Always engage the parking brake when parking the vehicle to prevent injury or damage caused by the unexpected movement of the vehicle.

138) If the P position is not engaged, the vehicle could move and injure people. Before leaving the vehicle, make sure that the gear lever is in position P and that the parking brake is engaged.

139) Do not shift the gear lever to N and do not stop the engine when driving on a downhill road. This type of driving is dangerous and reduces the possibility of intervening in the case of variation of the road traffic or surface. You risk losing control of the vehicle and causing accidents.

140) Before moving the gear lever from position P, bring the ignition device to position MAR and press the brake pedal. Otherwise, the gear lever may get damaged.

141) Engage reverse only with the vehicle stationary, engine at idling speed and accelerator fully released.

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

A

IMPORTANT

45) If the vehicle is on a slope, always engage the parking brake BEFORE moving the shift lever to the P position.

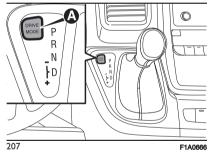
46) If the vehicle is on a slope, always engage the electric parking brake BEFORE moving the shift lever to the P position.

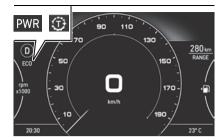
47) Engage reverse only with the vehicle stationary, engine at idling speed and accelerator fully released.

"DRIVE MODE" FUNCTION

(for versions/markets, where provided) The function, in combination with the automatic transmission, can be used to set three different driving modes ("vehicle response") according to the driver's needs and road conditions: "Normal", "Power" or "Eco".

The mode is selected by pressing button (A) fig. 207 on the dashboard. The selected mode is displayed on the instrument panel display (A) fig. 208.





208 F1A0699

The "Drive Mode" function, using the on-board electronics, acts on the transmission and interfaces with the instrument panel. Engagement by the function of the required driving mode is indicated on the instrument panel display.

"Normal" mode is automatically set when the engine is started.

FAULT INDICATIONS

In the event of a fault in the function or selector, mode change is automatically disabled. In this case, "Normal" mode will be set automatically.

START&STOP SYSTEM

IN BRIEF

The Start&Stop device automatically stops the engine each time the vehicle is stationary and all the conditions for automatic switch-off have been met, and starts it again when the driver wants to move off. This improves the efficiency of the vehicle by reducing fuel consumption, the emission of harmful gases and noise pollution.

OPERATING MODE

Stopping the engine

Versions with manual transmission

With the vehicle stationary, the engine stops with the transmission in neutral and the clutch pedal released.

NOTE The engine can only be stopped automatically after exceeding about 7 km/h, to prevent the engine from being repeatedly stopped when driving at walking pace. Engine stopping is signalled by the \triangle icon on the display.

Versions with automatic transmission

With vehicle at a standstill and brake pedal pressed, the engine switches off

if the gear lever is in a position other than (R).

NOTE On versions with automatic transmission in the event of stops uphill, the engine switching off is disabled to activate the "Hill Holder" function (works only with running engine).

NOTE After automatic restarting, for the Stop&Start system to intervene again simply move the vehicle (at speed higher than 0.5 km/h for versions with automatic transmission or 7 km/h for versions with manual transmission).

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

Restarting the engine Versions with manual transmission

Depress the clutch pedal to restart the engine.

Versions with automatic transmission

To restart the engine, release the brake pedal. The icon (A) on the display switches off. With brake pressed, if the gear lever is in automatic mode - D (Drive) - the engine can be restarted by moving the lever to R (Reverse) or N (Neutral). With the brake pedal pressed, if the gear lever is in "AutoStick" mode, the engine can be restarted by moving





















the lever to "+", "-", R (Reverse) or N (Neutral).

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

MANUAL ACTIVATION AND DEACTIVATION OF THE SYSTEM

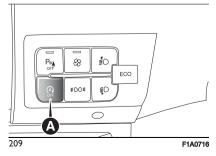
To activate/deactivate the system manually, press the (A) fig. 209 button on the dashboard control trim.

Start&Stop system activation

A message will appear on the display when the Start&Stop system is activated.

Start&Stop system deactivation

A message will appear on the display when the Start&Stop system is off.



MISSED ENGINE STOPPING CONDITIONS

With the device activated, for reasons of comfort, limiting emissions and safety, the engine does not stop in certain conditions, including:

- nengine still cold;
- ☐ particularly cold external temperatures, if the corresponding indication is provided;
- battery not sufficiently charged;
- □ particulate filter regeneration in progress (diesel engines only);
- □ driver's door not shut;
- ☐ driver's seat belt not fastened;
- ☐ reverse gear engaged (for example, for parking manoeuvres);
- □ automatic climate control, if a suitable thermal comfort level has not yet been reached or MAX-DEF function activation;
- $\ \square$ during the first period of use, to initialise the system;
- $\hfill \square$ if the Hill Descent Control system is active.

48)

RESTARTING CONDITIONS

For reasons of comfort, limiting harmful emissions and safety purposes, the power unit can restart automatically without any action on the part of the driver if certain conditions are met, including:

- ☐ battery not sufficiently charged; ☐ reduced braking system vacuum (e.g. if the brake pedal is pressed repeatedly):
- □ vehicle in motion (e.g. when driving on roads with a gradient);
- □ stopping the engine through the Start&Stop system for more than about three minutes.
- □ automatic climate control system for adjusting the thermal comfort level or to enable MAX-DEF function.

With a gear engaged, the engine can be automatically restarted only by fully depressing the clutch pedal.

NOTE In cases of undesired engine stops, due for example to the clutch pedal being released abruptly with a gear engaged, if the Start&Stop system is activated, the engine can be restarted by fully depressing the clutch pedal or by placing the gear lever in neutral.

NOTE If the clutch is not pressed, when three minutes have elapsed since the engine was stopped, the engine can only be restarted using the key.

SAFETY FUNCTIONS

In engine cut-out conditions through the Start&Stop system, if the driver unfastens his/her seat belt and opens the driver's door or the passenger door, the engine can be restarted only by using the key.

The driver is notified of this condition by a buzzer, through the instrument panel warning light (A) flashing and, where provided, by a message in the display.

ENERGY SAVING FUNCTION

(for versions/markets, where provided) If, after the engine has been automatically restarted, the driver does not take any action for a period of about 3 minutes, the Start&Stop system will definitively stop the engine to avoid fuel consumption. The engine can only be started using the key in such cases.

NOTE In any case, it is possible to keep the engine running by deactivating the Start&Stop system.

IRREGULAR OPERATION

In the event of malfunction, the Start&Stop system is deactivated. The driver is informed about the fault through the switching on of the **(A)!** icon together with a message on the display. In this case, contact a Fiat Dealership.

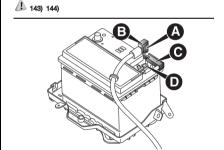
VEHICLE INACTIVITY

In the event of vehicle inactivity, special attention must be paid to the

disconnection of the battery power supply.

The procedure must be performed by disconnecting the connector (A) fig. 210 (pressing the button (B)) from the sensor (C) monitoring the battery conditions, on the negative pole (D) of the battery. This sensor should never be disconnected from the pole except if the battery is replaced.

WARNING After turning the ignition key to STOP, wait at least 1 minute before disconnecting the electrical supply to the battery.



210



WARNING



143) The vehicle should always be evacuated after the key has been removed or turned to the STOP position. When refuelling, make sure that the vehicle is switched off with the key in the STOP position.



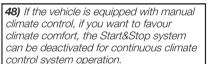
144) If the battery needs to be replaced, always contact a Fiat Dealership. The replacement battery should be of the same type (L6 105Ah/850A) and should have the same characteristics.





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IMPORTANT













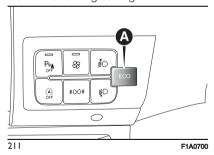




ECO FUNCTION

(For versions/markets, where provided) To activate the function press the **ECO** (A) fig. 211 button. An icon and a dedicated message appear on the instrument panel display when the function is engaged.

This function is stored, so when the vehicle is started again, the system keeps the setting it had before the engine was stopped. Press the **ECO** button again to disable the function and restore the normal driving setting. In the event of a malfunction with the function on, the system automatically disables the **ECO** function and restores the normal driving setting.



SPEED LIMITER

(where provided)

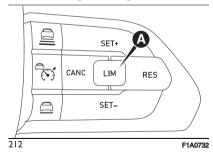
DESCRIPTION

This device allows the vehicle speed to be limited to a value set by the driver. The maximum speed can be set both with vehicle stationary and in motion. The minimum speed that can be set is 30 km/h.

When the device is active, the vehicle speed depends on the accelerator pedal, until the programmed speed limit is reached (see "Speed limit programming" paragraph).

ACTIVATING THE DEVICE

To activate the device press button (A) on the steering wheel fig. 212.



When the device is enabled, it is indicated by the "LIM" symbol being shown on the display along with the last speed set.

If the Adaptive Cruise Control has been activated previously, button (A) fig. 212 must be pressed twice. The first press switches off the function activated previously; the second press activates the Speed Limiter.

SPEED LIMIT PROGRAMMING

The speed limit can be programmed without necessarily activating the device.

To store a speed value higher than the displayed one, briefly press the SET + button. Each time the button is pressed, the speed increases by about 1 km/h while keeping the button pressed, the speed increases by 10 km/h.

To store a speed value lower than the displayed one, press the SET – button. Each time the button is pressed, the speed decreases by about 1 km/h while keeping the button pressed, the speed decreases by 10 km/h.

DEVICE ACTIVATION/DEACTIVATION

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

The activation of the device is indicated by the green "LIM" symbol on the display.

Device deactivation: press the CANC button. The last set speed is crossed out and displayed in grey.

Device reactivation: press the RES button. The last set speed will be restored.

FXCEEDING THE PROGRAMMED SPEED

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

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

DEACTIVATING THE DEVICE

To disengage the system press button (A) fig. 212.

WARNING The activation of the Adaptive Cruise Control will deactivate the device.

Automatic off of the device

The device switches off automatically in the event of a system failure and the grey "LIM" symbol appears on the display. In this case, contact a Fiat Dealership.

ELECTRONIC CRUISE CONTROL

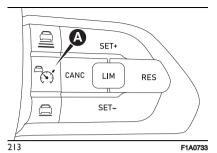
This is an electronically controlled driving assistance device that allows the desired vehicle speed to be maintained, without having to press the accelerator pedal. This device can be used at a speed above 30 km/h on long stretches of dry, straight roads with few variations (e.g. motorways). It is therefore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

To ensure correct operation, the electronic Cruise Control is designed to deactivate if more than one function is operated simultaneously. In this case the system can be reactivated pressing button or or and setting the desired speed of the vehicle.

ACTIVATING THE DEVICE

To activate the device, press the button (A) fig. 213 or (A) fig. 214, depending on the version.

145) 146) 147)



SET+

LIM

SET-

RES

(6)

CANC











F1A0746







The activation of the device is indicated by the symbol or or on the instrument panel switching on and, on some versions, by a message on the display.

On versions with Speed Limiter, if the device is activated, button or or must be pressed twice to activate the Cruise Control (because the first press deactivates the Speed Limiter, and the second press activates the Cruise Control).







The device cannot be turned on in either reverse or in neutral.

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

SETTING THE DESIRED SPEED

Proceed as follows:

- □ operate the device (see the previous instructions);
- when the vehicle has reached the desired speed, press button SET + (or SET -) and release it to activate the device. When the accelerator is released, the vehicle will keep the selected speed automatically. If needed (when overtaking for instance), you can accelerate simply

If needed (when overtaking for instance), you can accelerate simply by pressing the accelerator; when you release the pedal, the vehicle goes back to the speed stored previously. When travelling downhill with the device active, the vehicle speed may slightly exceed the stored one.

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

INCREASING / DECREASING SPEED

Increasing speed

Once the electronic Cruise Control has been activated, the speed can be increased by pressing button SET +. Keeping the button pressed, the set speed will increase until the button is released, then the new speed will be stored.

Each time button SET + is pressed the set speed will be fine tuned.

Decreasing speed

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

Keeping the button pressed, the set speed will decrease until the button is released, then the new speed will be stored.

Each time button SET – is pressed the set speed will be fine tuned.

WARNING Pressing the button SET + (or SET −) the speed is adjusted depending on the selected unit of measurement ("metric" or "imperial") set through the Menu of the instrument panel display or, depending on the versions, in the menu of **Uconnect™** (see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section).

WARNING On steeply sloping roads, the system may not be able to maintain the set speed, which may increase the speed of the vehicle. It is, therefore, preferable to switch the device off under these conditions. The device keeps the speed stored even uphill and downhill. A slight variation in the speed on slight rises is completely normal.

RECALLING THE SPEED

With transmission operating in D (Drive), press and release the RES button to recall the previously set speed.

DEACTIVATING THE DEVICE

Pressing the CANC button or pressing the brake pedal as the vehicle is slowing down deactivates the electronic Cruise Control without deleting the stored speed.

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

The stored speed is deleted in the following cases:

pressing button or or or switching off the engine;

☐ if there is a malfunction in the electronic Cruise Control.

DEACTIVATING THE DEVICE

The electronic Cruise Control device is deactivated by pressing button or a bringing the ignition device switch



to STOP.

WARNING

145) While driving with the device active, never move the gear lever to neutral.
146) In case of a malfunction or failure of the device, contact a Fiat Dealership.
147) The electronic Cruise Control can be dangerous if the system cannot keep a constant speed. In specific conditions speed may be excessive, resulting in the risk of losing control of the vehicle and causing accidents. Do not use the device in heavy traffic or on winding, icy, snowy or slippery roads.

ENGINE IDLE PRESET

(for versions/markets, where provided) The engine idle speed setting is a feature that allows you to manually set the engine idle speed through a dedicated menu on the instrument panel ("Idle Preset" menu) that can be used to enable/disable the feature ("Idle Preset Activation" menu) and set the desired idle speed value ("Idle Speed Selection" menu).

The function is usually used in case of:

- "Power Take-Off" connection:
- ☐ heating of the engine and/or the passenger compartment.

ENABLING/DISABLING THE ENGINE IDLE SPEED SETTING

Using the control buttons located on the left side of the steering wheel, it is possible to access the menu ("Idle Preset Activation") to enable/disable the idle speed setting.

This menu item allows you to enable/disable the feature by selecting one of the following options:

- □ "ON"
- □ "OFF"

NOTE The preset idling speed is 900 rpm.

The driver can modify this value using the dedicated menu ("Idle speed selection").

Selecting the "ON" option to set the engine idle speed to the previously stored value.

The engine idle speed setting can be enabled if the following conditions are met:

- parking brake applied;
- □ clutch pedal released (for versions with manual transmission);
- □ brake pedal released;
- □ clutch pedal pressed and released at least once during the key-on cycle (for versions with manual transmission);
- gear shift lever in position P (for versions with automatic transmission).

A dedicated message indicating unavailability will be displayed on the instrument cluster display if you attempt to activate the feature (by selecting the "ON" option from the menu) when not all of the conditions listed above are met.

The feature can be disabled by selecting the OFF option in the "Idle Preset Activation" menu.

A message will appear on the instrument panel display when the function is deactivated by the driver.





















INCREASING/DECREASING AND STORING ENGINE IDLE PRESET

It is possible to access the menu to set the desired engine idle speed ("Idle speed selection") using the control buttons located on the left side of the steering wheel.

This menu item allows you to set the desired value for minimum engine speed using the control buttons:

minimum: 900 rpm

☐ maximum: 2200 rpm☐ increase/decrease: 50 rpm

The system stores the current engine idling speed as a new preset value.

SPEED BLOCK

(for versions/markets, where provided) The vehicle is equipped with a speed limitation function that can be set on the user's request to one of four default values: 90, 100, 110, 130 km/h. To activate/deactivate this function, contact a Fiat Dealership. Following the operation, a sticker will

be applied to the windscreen showing the top speed setting.

IMPORTANT The speedometer could indicate a higher maximum speed than the effective one, set by the Dealership, in accordance with the regulations in force.

PARKSENSE SYSTEM

(where provided)

148)

49) 50) 51)

VERSIONS WITH 4 SENSORS

The parking sensors, located in the rear bumper fig. 215, are used to detect the presence of any obstacles near the rear part of the vehicle. The sensors warn the driver about the presence of obstacles with acoustic signal and, where provided, also with visual indications on the instrument panel display.



215

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System activation/deactivation Activation

The system is automatically activated when reverse is engaged.

Deactivation

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

Acoustic warning

When reverse is engaged and there is an obstacle behind the car, an acoustic warning with variable frequency is activated:

☐ 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 if the distance increases;

☐ remains constant if the distance between the vehicle and the obstacle remains unchanged. If this situation concerns the exterior sensors, the signal will stop after approximately 3 seconds to avoid, for example, indications in the event of manoeuvres along a wall.

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

Warning on display

The warnings regarding the **ParkSense®** system are shown on the instrument panel display only if the "Acoustic warning and display" item in the "Settings" menu is selected

(see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section). In addition to the acoustic warning, the system indicates the presence of an obstacle in the rear area by displaying a single arc in one of the possible areas, in accordance with the distance of the object and the position in relation to the vehicle.

If several obstacles are detected simultaneously in the rear area, the display will show all of them, regardless of the area in which they were detected.

The colour on the display depends on the distance from and position of the obstacle.

Operation with trailer

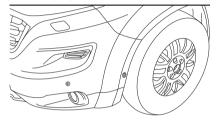
The operation of the sensors is automatically deactivated when the plug for the electric cable for the trailer is inserted in the vehicle tow hook socket. The sensors are automatically reactivated when the trailer's cable plug is removed.

VERSIONS WITH 14/16 SENSORS

The parking sensors, located in the front bumper fig. 216, rear bumper fig. 217 and on the sides fig. 218 are used to detect the presence of any obstacles in the vicinity of the vehicle (the system may not be able to cover

the entire surface of the sides of the vehicle and some signals may be delayed).

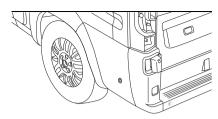
The sensors warn the driver about the presence of obstacles with acoustic signal and, where provided, also with visual indications on the instrument panel display.



216



217 F1A0134









F1A0702

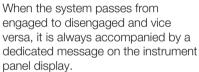




218

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To disengage the system press button (A) fig. 219.



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

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

After the **ParkSense** system has been disengaged, it will stay in this condition until the following engagement, even if the starter switch passes from MAR to STOP and then again to MAR.



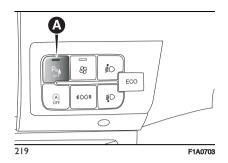












System activation/deactivation Activation

With the system active, the acoustic and visual signals are activated automatically in the following cases:

□ when forward gear is selected (versions with manual transmission) or D (Drive) position (versions with automatic transmission/dual clutch automatic transmission) and an obstacle is detected:

or

■ when reverse gear is selected (versions with manual transmission) or R position (versions with automatic transmission);

or

□ when the manual transmission gear lever is in neutral or the automatic transmission lever is in N (neutral) position, the vehicle is moving and an obstacle is detected.

Deactivation

The acoustic and visual signals are deactivated automatically in the following cases:

■ engaging a gear other than reverse gear at a speed above 18 km/h;

or

exceeding 11 km/h with reverse gear engaged;

or

□ when with the vehicle standing the manual gear stick is in neutral or the automatic transmission lever is in P (Park) or N (Neutral) position.

Acoustic warning

When the sensors detect an obstacle within the trajectory of the vehicle, an acoustic warning is activated with a frequency that increases as the distance from the obstacle decreases and then becomes a continuous tone when this distance becomes less than about 30 cm.

The acoustic warning is interrupted in the following situations:

 □ when external sensors detect an obstacle at a constant distance (example: manoeuvring along a wall);
 □ if vehicle is at a standstill with the transmission in a position other than reverse; ☐ when the obstacle is not within the trajectory of the vehicle.

If the sensors detect several obstacles at the same time, in the front, side and rear area, the acoustic warning of the obstacle in the nearest trajectory is reproduced.

Warning on display

The warnings regarding the system are shown on the instrument panel display only if the "Acoustic warning and display" item in the "Settings" menu of the system is selected (see "Settings" in the "Vehicle mode" paragraph in the "Multimedia" section).

The system indicates the presence of an obstacle by displaying a single arc in one of the possible areas, in accordance with the distance of the object and the position in relation to the vehicle.

As you approach an obstacle within the front, side or rear coverage area, the display will show a single arc in the corresponding area. The colour depends on the distance from and position of the obstacle.

If several obstacles are detected simultaneously in the front, side and rear area, the display will show all of them, regardless of the area in which they were detected.

Operation with trailer

The operation of the rear sensors is automatically deactivated when the trailer's electric cable plug is inserted in the tow hook socket of the vehicle, while the front sensors stay active and can provide acoustic and visual warnings. In this case, the LED on the button (A) on the dashboard fig. 219 stays off. The rear sensors are automatically reactivated when the trailer's cable plug is removed.

Fault indication

Parking sensor faults, if any, will be indicated by a message on the display (see description in the "Warning lights and messages" chapter in the "Knowing the instrument panel" section).

Messages on the display

In case of system failure, a dedicated message is shown on the display for about 5 seconds.

If the display shows messages requiring the front, side or rear sensor cleaning, make sure that the outer surface and the underside of the bumper is free of dirt (e.g. snow, mud, ice, etc.).

After performing this check, place the ignition device in STOP position, then turn it to position the MAR position and check whether the messages are no

longer displayed. If messages are still displayed, contact a Fiat Dealership.

GENERAL WARNINGS

Some conditions may influence the performance of the parking system:

- reduced sensor sensitivity and a reduction in the parking assistance system performance could be due to the presence of: ice, snow, mud, thick paint, on the surface of the sensor:
- ☐ The sensor may detect a nonexistent obstacle (echo noise) due to mechanical noises, for example when washing the vehicle, in case of rain, strong wind,;
- ☐ the signals sent by the sensor can also be altered by the presence of ultrasonic systems (e.g. pneumatic brake systems of trucks or pneumatic drills) near the vehicle;
- □ parking assistance system
 performance can also be influenced
 by the position of the sensors, for
 example due to a change in the ride
 setting (caused by wear to the shock
 absorbers, suspension), or by changing
 tyres, overloading the vehicle or
 carrying out specific tuning operations
 that require the vehicle to be lowered;
 □ the presence of a tow hook
 without trailer, which may interfere
 with the correct operation of the

parking sensors. Before using

the ParkSense® system, it is

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

























148) Parking and other potentially dangerous manoeuvres are, however, always the driver's responsibility. When performing these operations, always make sure that there are no other people (especially children) or animals on the route you want to take. The parking sensors are an aid for the driver, but the driver must never allow their attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds.



IMPORTANT

49) The sensors must be clean of mud, dirt, snow or ice in order for the system to operate correctly. Be careful not to scratch or damage the sensors while cleaning them. Avoid using dry, rough or hard cloths. The sensors should be washed using clean water with the addition of car shampoo if necessary. When using special washing equipment such as high pressure jets or steam cleaning, clean the sensors very quickly keeping the iet more than 10 cm away.

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

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

AUTOMATIC PARK ASSIST - ACTIVE PARKSENSE SYSTEM

(where provided)

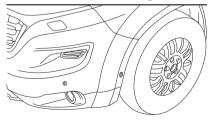
The system helps the driver to find a suitable free parallel parking space according to the width of the vehicle and automatically manages the steering wheel movement during manoeuvring.

The system also helps the driver manoeuvre out from a parking space.

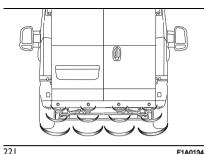
Sensors

220

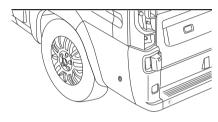
The system uses the front, rear and side sensors located in the front fig. 220 and rear fig. 221 bumper and on the sides of the vehicle fig. 222.



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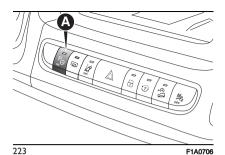
F1A0134



222 F1A0702

ENGAGEMENT / **DISENGAGEMENT**

To activate the system, press button (A) fig. 223 the instrument panel display will show the instructions about the manoeuvre.



System on: LED lighted continuously. **System off**: LED off.

The LED also lights up in the event of a failure in the Active ParkSense® (Automatic Park Assist) system. If the button is pressed with the system faulty, the LED flashes for about 5 seconds, then it stays off.

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

SYSTEM OPERATION

<u>6</u> 52) 51)

When searching for a parking place, the system uses the side sensors, which are automatically activated with engine on and speed below 30 km/h. During the manoeuvre the driver is also assisted by information from the

parking sensors which provide further distance information when approaching obstacles in front of and behind the vehicle.

If the driver activates the Active ParkSense® function after having previously deactivated the ParkSense® function, the sensors are activated once more and stay in this operating condition only during the parking manoeuvre.

PARALLEL AND PERPENDICULAR PARKING DESCRIPTION

Activation

Press the button on the dashboard: after being selected, the system activates search mode. Considering that the system recognises parking places even when it has not been selected, it can be activated even immediately after passing close to a parking place suitable for the type of car. The system will inform the driver, through the instrument panel display, about the operations to be performed for a correct manoeuvre.

Selecting the type of parking

During the search and until the reverse gear is engaged, the preferred type can be selected for parking: ☐ "Parallel": the vehicle will search a parking place parallel to the driving direction:

"Perpendicular": the vehicle will search a parking place perpendicular to the driving direction.

Selection of the search side

To select the search side and perform the correct manoeuvre, act as follows:

□ □ □ Select the search for the parking place and the manoeuvre on the passenger side placing the direction indicator in centre position (deactivated) or pushed upwards.

□ □ Select the search for the parking area and manoeuvre on the driver side pushing the direction indicator downwards.

Search for a parking place

149) 150)

Through the side sensors, the system continuously searches for a free parking place, suitable for the dimensions of the vehicle.

While searching the vehicle should continue following its route at a speed of below 30 km/h and at a distance of around 50 cm to 1.5 m from parked vehicles.

A parking space is considered suitable if it is approximately 1 m longer compared to the vehicle dimensions.























WARNING While searching, vehicle speed should not exceed 30 km/h; when 25 km/h have been reached, the driver is asked to decrease the speed; if the speed of 30 km/h is exceeded, it is deactivated (in this case, the system can be restarted by pressing the button on the dashboard).

Manoeuvre

During manoeuvre, the movements of the vehicle can be controlled by operating the accelerator, brake and clutch pedals (versions with manual transmission), or the accelerator and brake pedals (versions with automatic transmission). Once a parking place has been found, you will be asked to engage reverse, leave the steering wheel and use the pedals, while the system handles the steering automatically to perform the parking operation in the dedicated area. During the manoeuvre it will be possible to take advantage of the information coming from the parking sensors (when driving in reverse it is advisable to reach the area where the rear sensors sound continuously), but it is always advisable to keep an eye on the surrounding area.

The vehicle can be stopped during the manoeuvre and, whilst remaining stationary, reverse gear can temporarily be released (for example, to allow a pedestrian to go by in the area of the manoeuvre).

The parking manoeuvre will be interrupted in the following cases:

- ☐ if the vehicle speed is greater than 7 km/h.
- ☐ the steering is (voluntarily or unintentionally) moved (by grabbing it or preventing it from moving);
- ☐ uneven road surface or obstacles before the wheels, affect the movement of the vehicle, thus preventing it from following the correct path.

WARNING Manoeuvring is deactivated if, after about 3 minutes, parking has not been completed.

End of manoeuvre

4 151)

The semi-automatic manoeuvre ends when the display on the instrument panel shows the message of completed manoeuvre.

At the end of the manoeuvre, the driver resumes control of the vehicle and, if necessary, must complete parking manually.

DESCRIPTION OF MANOEUVRING OUT FROM PARALLEL PARKING

(where provided)

Activation

The vehicle must be stationary in the parking place for the "Manoeuvring out from a parking place" function to be activated correctly by pressing the button on the dashboard.

Selection of the exiting side

Proceed as follows to perform the manoeuvre:

- □ select to manoeuvre on passenger side by moving the direction indicator upwards:
- □ select to manoeuvre on the driver side by moving the direction indicator downwards.

The manoeuvre is aborted if the selected side is occupied.

The system will inform the driver by displaying messages on the instrument panel display about the side on which the exiting manoeuvre will be performed.

Manoeuvre

The driver will be asked to engage reverse, leave the steering wheel and use the pedals, while the system handles the steering automatically to

manoeuvre the car out of the parking place.

The driver controls the movements of the vehicle using accelerator, brake and clutch pedals (versions with manual transmission) or accelerator and brake pedals (versions with automatic transmission).

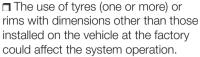
The parking sensors must detect a front obstacle (positioned at a maximum distance of approximately 150 cm from the front bumper) and a rear obstacle (positioned at a maximum distance of approximately 150 cm from the rear bumper) and the selected exit side free for the system to be able to manoeuvre. It is not possible for the system to carry out the manoeuvre if the overall parking space (front + rear), excluding the length of the vehicle, is less than about 1 m. In this condition. the manoeuvre is not performed and a dedicated message appears on the display.

GENERAL WARNINGS

- ☐ If the sensors undergo impact which alters their position, the system operation could deteriorate considerably.
- ☐ The system reaches top performance after the vehicle has covered about 50 km (system "self-calibration").

- ☐ If the sensors are dirty, covered by snow, ice or mud or are repainted vs. the original conditions, the system operation could result strongly degraded. It is extremely important that the sensors are always clean in order for the system to operate correctly. During cleaning make sure not to scratch or damage them; avoid using dry or rough cloths. The sensors should be washed using clean water with the addition of car shampoo if necessary. In washing stations, clean the sensors quickly, keeping the steam jet/high pressure washing nozzles at least 10 cm away from the sensors. □ Ultrasonic sound sources (e.g.
- Dutrasonic sound sources (e.g. pneumatic brakes of trucks or air drills) nearby could negatively influence the sensor performance.
- ☐ Sensors may detect a non-existent obstacle (echo noise) due to mechanical noises, for example while washing of the vehicle, in the case of rain, strong wind, hail.
- ☐ The sensors may not detect objects of a particular shape or made from particular materials (very thin poles, trailer beams, panels, nets, bushes, parking deterrent posts, kerbs, rubbish bins, motor cars, etc.). Always pay the utmost care and make sure that the vehicle and its path are really

compatible with the parking area detected by the system.



- ☐ If a trailer (with correctly engaged socket) is present, the system will be automatically disabled.
- ☐ In "Search in progress" mode, the system could incorrectly identify a parking place to carry out the manoeuvre (e.g. by a junction, driveways, roads crossing the direction of travel, etc.).
- ☐ In the case of parking manoeuvres on roads on a gradient, the performance of the system could be inferior and it may deactivate.
- ☐ If a parking manoeuvre is being carried out between two parked cars alongside the pavement, the system may cause the vehicle to mount the pavement.
- ☐ Some manoeuvres at very tight bends might be impossible to be carried out.
- ☐ Take great care to ensure that conditions do not change during the parking manoeuvre (e.g. if there are persons and/or animals in the parking place, moving cars, etc.) and intervene immediately if necessary.





















☐ When parking, pay attention to the cars coming in the opposite direction.☐ Always respect the Highway Code rules.

WARNING Correct system operation is not guaranteed if snow chains or the space-saver wheel are fitted.

WARNING The function only informs the driver about the last appropriate parking place (parallel or perpendicular) detected by the parking sensors.

WARNING Some messages displayed are accompanied by acoustic warnings.

WARNING The driver is required to follow the instructions of the system to perform a correct parking manoeuvre.

WARNING During the assisted parking manoeuvre may be interrupted due to insufficient space to finish.



WARNING

149) Parking and other dangerous manoeuvres are, however, always the driver's responsibility. While carrying out these manoeuvres, always make sure that no people (especially children) or animals

are in the area concerned. The parking sensors are an aid for the driver, but the driver must never allow their attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds.

150) The search for the parking space and the parking manoeuvres must be performed in compliance with the current regulations of the Highway Code.

151) If you wish to stop the steering wheel with your hands during a manoeuvre, it is advisable to handle it firmly on the outer rim. Do not try and keep your hands on the inside or hold the spokes.



IMPORTANT

52) The operation of the system is based on various components: front and rear parking sensors, side sensors, steering system, wheels, braking system and instrument panel. The malfunction of one of these components could compromise the operation of the system.

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

REAR CAMERA (ParkView[®] Rear Backup Camera)

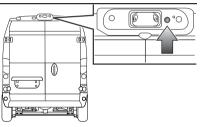
(where provided)

DESCRIPTION

152)

6 54)

The rear view camera fig. 224 is located on the luggage compartment tailgate.

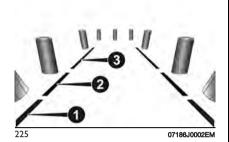


224

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Camera activation/deactivation

Every time reverse is engaged, the display fig. 225 of the **UconnectTM** system shows the area around the vehicle, as seen by the rear camera.



The images are shown on the display together with a warning message. With the "Camera delay" option active, when engaging the reverse gear, the image from the camera will continue to be displayed for up to 10 seconds after reverse is disengaged, unless vehicle speed is higher than 13 km/h, or:

☐ that the transmission lever is in neutral;

 $\hfill \blacksquare$ the ignition device is in the STOP position.

When the shift lever is no longer in the reverse position, a button for deactivating the display of the image from the camera appears on the **Uconnect™** system display along with the images behind the vehicle, if the "Camera delay" setting is active on the **Uconnect™** system.

NOTE The displayed image may look a bit distorted.



WARNING

152) Parking and other potentially dangerous manoeuvres are, however, always the driver's responsibility. While carrying out these manoeuvres, always make sure that no people (especially children) or animals are in the area concerned. The camera is an aid for the driver, but the driver must never allow his/her attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds. Always keep a slow speed, so as to promptly brake in the case of obstacles



IMPORTANT

54) 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

SYMBOLS AND MESSAGES ON THE DISPLAY

Indications on the display

If activated, using **Uconnect™** system settings, it is possible to activate the guidelines on the display. If activated, the grid is positioned on the image to highlight the width of the vehicle and the expected reversing path in accordance with the steering wheel position.

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

The table below shows the approximate distances for each area fig. 225:

| Area | Distance from the rear of the vehicle |
|------------|---|
| Red (1) | 0 - 30 cm |
| Yellow (2) | 30 cm - 1 m |
| Green (3) | 1 m or more |





















Messages on the display

If the rear load compartment is open, the camera will not detect any obstacle in the rear part of the vehicle. The display will show a dedicated warning message.

In this case, close the load compartment using the handle, pressing it next to the lock until it clicks (see the "Doors" paragraph in the "Knowing your vehicle" chapter).

TRAFFIC SIGN RECOGNITION

The TSR (Traffic Sign Recognition) system is a driver assistance system that alerts the user to the most plausible road limits.

It is able to recognise both unconditional speed limits and those in rain, snow and fog (shown only when they are valid).

Where available, a speed limit of these types represents the applicable road limit, always visible at the top of each screen with a symbol. Example:



Road limits in other categories (e.g. time restrictions, exit signs, etc.) and the prohibition of overtaking are only visible in the "Driver Assist" screen of

the instrument panel (see the "Display" chapter in the "Knowing the instrument panel" section).

NOTE The rain, fog or snow type limits are only displayed if these conditions are likely to occur, i.e. if the windscreen wipers (in case of rain), the fog lights/fog lights (in case of fog) or the windscreen wipers with low external temperature (in case of snow) are activated.

The Traffic Sign Recognition system is automatically active when the vehicle is started.

Using the "Settings" menu of the **Uconnect™** system the user can: ☐ deactivate the system by removing the check mark from the relevant menu item

□ select the type of signalling when the detected road limit is exceeded (off, visual, visual and acoustic signalling). See the "Uconnect™" chapter in the "Multimedia" section for more information.

If Speed Limiter or Adaptive Cruise Control is active, the applicable road limit (unconditional or rain/snow/fog type) is made available and by pressing the RES button can be accepted as a speed for Intelligent Speed Assist or alternatively for Intelligent Adaptive Cruise Control .

The recognition of valid road limits depends very much on road conditions, the positioning of signs, visibility conditions and various other factors. The system supplies and reminds the driver of the most plausible road limit.

The TSR system cannot provide an applicable speed limit in the following cases:

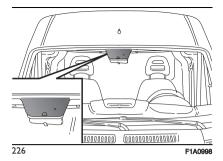
☐ if an end-of-limit sign is recognised and if the navigator (where provided) is unable to provide a valid limit on that stretch of road. The symbol ① appears on the display.

 $\ \square$ in case of system fault or unavailability, the symbol $\ \bigcirc$ appears on the display.

NOTE In some cases, the system may show this symbol — when recalculating the route by the navigation system (where provided).

With Uconnect™ without navigation system

The TSR system uses the camera, located in the central area of the windscreen fig. 226 and reminds the user of the last road limit recognised by the camera.



NOTE Without a navigator, the system cannot provide:

- ☐ the implicit limits (e.g. the general speed limit on motorways). In these cases the system can show the last road sign encountered (e.g. the speed limit of the entrance ramp);
- ☐ in general, the limit in force for a road where a speed limit sign was not previously encountered and correctly recognised.

After travelling a certain distance, the road limit symbol turns grey to indicate that it is no longer considered reliable by the system. Upon recognition of a new sign, the TSR symbol will become coloured again.

WARNING In the absence of a navigator, the system cannot recognise the unit of measurement of the country you are travelling in, but only the numerical value of the road sign

encountered along the road. The speed limit suggested and offered to Intelligent Speed Assist (ISA) and Intelligent Adaptive Cruise Control (IACC) systems (where active) is therefore intended according to the unit of measurement set by the user on the instrument panel display. Therefore, for the ISA and the IACC to be of practical help in complying with the limits in force, the driver must set the unit of measurement consistent with the country in which they are travelling.

With Uconnect™ with navigation system

When the navigator is present, the TSR system integrates the detections made by the camera with the information provided by the navigation system. Therefore, it can provide the implicit limits (e.g. the general speed limit on motorways) and to supplement with maps the limitations of recognition of road signs on the camera alone. The navigator tells the system of the unit of measurement in force in the country in which you are travelling and converts the value consistently with the unit of measurement selected by the user. In this way, the speed limitation suggested by the ISA system or the speed offered by the IACC system will always be correct, regardless of the

unit of measurement chosen by the user.



Using the information contained in the navigator, the system can recognise motorway, urban and non-urban scenarios and to use the limits provided by the navigator to provide the most plausibly accurate speed limit. In addition, the system can recognise turns and provide, where necessary, the limit detected by the navigator in place of that recognised by the camera.





















INTELLIGENT SPEED ASSIST

The "Intelligent Speed Assist" system can be used to set a speed limit on the "Speed Limiter" system equal to the one detected on the road signs by means of the "Traffic Sign Recognition" system, signalled to the driver on the instrument panel display. The minimum speed that can be set is 30 km/h (20 mph).

The "Intelligent Speed Assist" system can be activated if the following systems are active:

- ☐ Speed Limiter (see the chapter in this section)
- ☐ Traffic Sign Recognition (see the chapter in this section)

When the "Intelligent Speed Assist" system recognises a new road sign, it will suggest the new speed limit to the driver with a specific message and dedicated alerts depending on whether the road sign is higher or lower than the current speed stored by the Speed Limiter. Consider both unconditional speed limits and those valid in rain, snow or fog to be valid for speed limitation.

You can confirm by pressing the RES button the speed limit setting equal to the suggested sign. Once the speed limit provided by the "Traffic Sign Recognition" system has been acquired as the new Speed Limiter value, the activation of Intelligent Speed Assist is indicated by the symbol **LIM** on the display and the relevant road sign is shown surrounded by green.

SYSTEM DEACTIVATION

The system is deactivated under the following conditions:

- when the Traffic Sign Recognition system is deactivated;
- ☐ when the Speed Limiter system is deactivated;
- ☐ when the Traffic Sign Recognition system shows a new speed limit which is not confirmed by the driver;
- when the Traffic Sign Recognition system shows the end of the speed limit;
- when the Traffic Sign Recognition system cannot display any speed limit.

EXCEEDING THE PROGRAMMED SPEED

By fully depressing the accelerator pedal, the programmed speed can be exceeded even with the "Intelligent Speed Assist" system active (e.g. in the event of overtaking). The system is disabled until the speed drops below the set limit, after which it activates again automatically.

ADAPTIVE CRUISE CONTROL (ACC)

(where provided)

153) 154) 155) 156) 157) 158) 159)

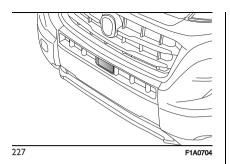
<u>6</u> 55) 56) 57) 58) 59) 60) 61)

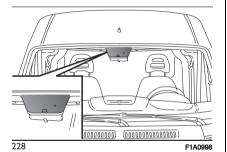
DESCRIPTION

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

The device allows to hold the vehicle at the desired speed without needing to press the accelerator. It also allows to hold a given distance from the vehicle ahead (the distance can be set by the driver).

The Adaptive Cruise Control (ACC) uses a radar sensor, located behind the front bumper fig. 227 and a camera, located in the middle area of the windscreen fig. 228, to detect the presence of a vehicle close ahead.





The device enhances driving comfort when on the motorway or out of town with light traffic.

The use of the device is therefore not advantageous on busy roads or in town.

WARNINGS

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

If the sensor detects a vehicle ahead, the device automatically intervenes

by braking (or accelerating) slightly in order not to exceed the original set speed, so that the vehicle keeps the preset distance, seeking to adapt to the speed of the vehicle ahead. It is advisable to turn the device off in the following cases:

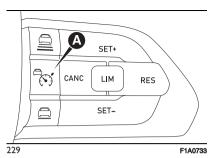
- driving in fog, heavy rain, snow, heavy traffic and in complex driving situations (e.g. on motorways with roadworks in progress):
- ☐ driving near a bend (winding roads), icy, snowy, slippery roads or with steep slopes and descents:
- number entering a turn lane or on a slip road;
- ☐ towing a trailer;
- when circumstances do not allow safe driving at a constant speed.

With "Adaptive Cruise Control" (5) mode engaged, an adequate distance between vehicles is maintained (the message "Adaptive Cruise Control" is shown on the instrument panel display); To change the operating mode, use the button on the steering wheel (see that described on the following pages).

ADAPTIVE CRUISE CONTROL ACTIVATION/ DEACTIVATION

Activation

To activate the device, press and release the button in fig. 229.











With the device activated and ready to work, the display shows a message indicating the "readiness" of the system and a dedicated icon as shown in





fig. 230.

230







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

Deactivation

With the device active, to deactivate it press and release the button $\fill \$

SETTING THE DESIRED SPEED

The device can be set only with speeds above 30 km/h (or 20 mph for markets with instrument panels giving mph) and with a maximum limit of 130 km/h (or 81 mph for markets with instrument panels giving mph).

The maximum speed value that can be set can be limited by Speed Limiters approved in certain countries or by the Speed Limiters set by fleets.

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

Press the accelerator pedal to make the vehicle go faster than the set speed. While the accelerator pedal is pressed:

□ a graphic on the display will make the Adaptive Cruise Control warning light flash if the target car ahead is not present. If the car in front is detected by the sensors, a graphic of the detected car will be displayed and flashing; ☐ the device will not be able to control the distance between the vehicle and the one ahead. In this case the speed will be determined only by the position of the accelerator pedal.

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

The system cannot be set:

- when pressing the brake pedal;
- $\hfill \blacksquare$ when the brakes are overheated;
- □ when the parking brake is engaged;□ when the shift lever is in the P (park),
- R (reverse) or N (neutral) positions (versions with automatic transmission or automatic transmission with double clutch):
- ¬ when the shift lever is in the R (reverse), neutral or in 1st(first gear engaged) positions (versions with manual transmission);
- when the clutch is pressed (versions with manual transmission);
- □ when the engine speed exceeds a maximum threshold (versions with manual transmission and versions with automatic transmission/dual clutch automatic transmission) or goes below a minimum threshold (only versions with manual transmission);
- $\hfill \blacksquare$ when the vehicle speed is not within the settable speed range;

- □ when the ESC (or ABS or other stability control systems) are operating or have just operated:
- when the ESC system is off;
- □ during automatic braking by the Forward Collision Warning Plus system (where provided);

- when the engine is off;
- ☐ in case of radar sensor obstruction: in this case, clean the sensor position in the zone shown in fig. 227. Use a clean cloth for cleaning. Do not use solvents or abrasive paste.

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

WARNING The device does not deactivate on reaching speeds higher than those that can be set (130 km/h or 81mph for instrument panel set to mph) with the accelerator pedal pressed. In these conditions, the device may not work correctly and it is advisable to deactivate it.

CHANGING THE SPEED

Increasing speed

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

□ Press the SET + button once: the set speed will increase by 1 km/h (or by 1 mph when the measurement unit is set to mph). Each touch of the button once will increase the speed by 1 km/h (or by 1 mph, the latter for instrument panels set to miles per hour).

□ Hold the SET + button pressed: the set speed will increase in 10 km/h steps (or in 5 mph steps when the measurement unit is set to mph) until the button is released. The set speed increase is shown on the display.

Decreasing speed

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

□ Press the SET — button once: the set speed will be reduced by 1 km/h (or by 1 mph when the measurement unit is set to mph). Each subsequent press of the button will reduce the speed by 1 km/h (or by 1 mph when the measurement unit is set to mph).

☐ Hold the SET — button pressed: the set speed will decrease in 10 km/h steps (or in 5 mph steps when the measurement unit is set to mph) until the button is released. The set speed decrease is shown on the display. WARNINGS

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

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

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

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

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

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

CHANGING THE SPEED

The system can be used to set a speed limit equal to that indicated on the road sign detected by the "Traffic Sign Information" system (see the respective paragraph in this section).

If the setting was selected, the "Traffic Sign Information" system will suggest the new speed limit, which will be shown with a message on the instrument panel display. The driver can confirm the speed setting RES suggested by the road sign with the RES button.

ACCELERATING WHEN OVERTAKING

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

The device detects the direction of traffic automatically when vehicle passes from left-hand traffic to right-hand traffic.





















RECALLING THE SPEED

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

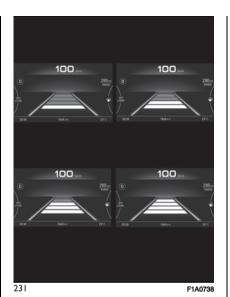
The system will be set to the last stored speed.

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

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

SETTING THE DISTANCE BETWEEN CARS

The distance between your vehicle and the vehicle ahead may be set to 1 bar (short), 2 bars (medium), 3 bars (long), 4 bars (maximum) fig. 231.



The distances from the vehicle ahead

are proportional to speed.

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

The set distance is shown on the display by means of a dedicated icon (or in the "Driver Assist" area).

The setting is 4 (maximum) the first time the device is used. After the distance has been modified by the

driver, the new distance will be stored also after the system is deactivated and reactivated.

To decrease the distance

Press and release the button to decrease the distance setting **21**.

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

The set speed is held if there are no cars ahead. Once the shortest distance has been reached, a further press of the button will set the longest distance. If a vehicle is detected ahead in the same lane, travelling at slower speed, an icon appears on the display (where provided). The device will automatically adjust the vehicle speed to hold the distance setting regardless of the set speed.

The vehicle holds the set distance until:

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

WARNING The maximum breaking applied by the device is limited. The

driver may apply the brakes in all cases if needed.

WARNING If the device predicts that the braking level is not sufficient to hold the set distance, the warning message "BRAKE!" will blink on the display while approaching the vehicle ahead. An acoustic signal is also emitted. In this case, it is advisable to brake immediately as necessary to hold a safe distance from the vehicle ahead.

WARNING The driver is responsible for ensuring that there are no pedestrians, other vehicles or objectives along the direction of the vehicle. Failure to comply with these precautions may cause serious accidents and injuries.

WARNING The driver is fully responsible for holding a safe distance from the vehicle ahead respecting the highway code in force in the respective country.

DEACTIVATION

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

☐ the button ∜ is pressed on the Adaptive Cruise Control;

☐ the Speed Limiter button is pressed; ☐ the ignition device is in the STOP position.

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

- when the CANC button is pressed;
- □ when the conditions shown in the "Setting the desired speed" paragraph occur:
- □ when the vehicle speed drops under the minimum set speed (e.g. in presence of slow vehicles).

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

SYSTEM LIMITED OPERATION WARNING

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

In case of radar sensor obstruction, clean the sensor position in the zone shown in fig. 226.

Use a clean cloth for cleaning. Do not use solvents or abrasive paste.

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

PRECAUTIONS WHILE DRIVING

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

Towing a trailer

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

Vehicle not aligned

The device may not detect a vehicle travelling on the same lane but which is not aligned along the same direction of travel or a vehicle which is cutting in from a side lane. Sufficient distance from the vehicles ahead may not be guaranteed in these cases.

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

Steering and curves

On curves fig. 232 with the device set, it could limit speed and acceleration to vehicle stability even if no cars are detected ahead.













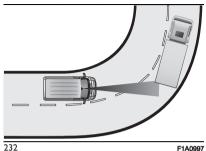








When leaving the curve, the device resets the previously set speed.



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

Using the device on gradient

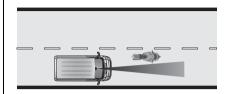
When driving on roads with variable gradient, the device may not detect the presence of a vehicle on the lane. Device performance could be limited according to speed, load, traffic conditions and gradient steepness.

Lane change

The device may not detect the presence of a vehicle until it is fully in your lane fig. 233.

In this case, sufficient distance from the vehicle which is changing lane may not be guaranteed: it is advisable to pay

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

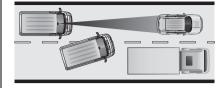


233 F1A0996

Small vehicles

Some narrow vehicles (e.g. bicycles and motorcycles fig. 234) travelling near the outer edges of the lane or which enter the lane from kerbside are not detected until they are fully in the lane.

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



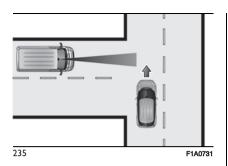
234 F1A0995

Stationary objects and vehicles

The device cannot detect the presence of stationary vehicles or objects. For example, the device will not operate if the vehicle ahead leaves the lane and a vehicle ahead of that one is standing on the lane. Pay the utmost attention at all times and be always ready to press the brakes if needed.

Objects and vehicles moving in opposite or crosswise direction

The device cannot detect the presence of objects or vehicles travelling in opposite or crosswise direction fig. 235 and consequently will not be operated.





WARNING

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

154) 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

155) The device is not activated in presence of pedestrians, oncoming vehicles in the opposite direction of travel or moving in the crosswise direction and stationary objects (e.g. a vehicle standing in a queue or a broken down vehicle).

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

157) The device does not always fully recognise complicated driving conditions which could cause incorrect or non-

existing determination of the safe distance to be held.

158) The device cannot apply the maximum braking force: the vehicle will not be stopped completely.

159) The radar is provided with defrosting system. For this reason, it can reach high temperatures in some conditions. If you need to operate in the zone surrounding the sensor, wait for at least 30 seconds from when the engine is switched off.



IMPORTANT

55) The system may have limited operation or not work at all in weather conditions such as: heavy rain, hail, thick fog, heavy snow.

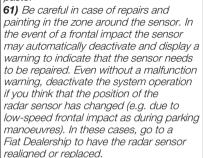
56) The section of the bumper area in front the sensor or the radar sensor itself must not be covered with stickers, auxiliary headlights or any other object.

57) 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.

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

59) Do not tamper with or carry out any intervention on the radar sensor or on the camera on the windscreen glass. In the event of a sensor failure, contact a Fiat Dealership.

60) Do not wash with high-pressure jets in the bumper lower area: in particular do not operate on the system's electrical connector. Do not use solvents or abrasive paste.



CO-DRIVER SYSTEM

WITH STOP&GO -

Adaptive Cruise

Control with

Stop&Go

(where provided)





















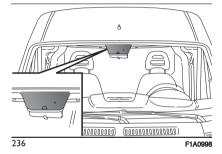
& 62) 63) 57) 65) 66) 60) 68) **DESCRIPTION**

4 160) 161) 155) 156) 157) 165)

The Adaptive Cruise Control with Stop&Go is a driver assistance device which combines the Cruise Control functions with one for controlling the distance from the vehicle ahead.

The system allows the vehicle to be held at the desired speed without needing to press the accelerator. It also allows holding the distance set by the driver from the vehicle ahead.

The system uses a radar sensor, located behind the front bumper and a camera, located in the middle area of the windscreen fig. 236, to detect the presence of a vehicle close ahead.



WARNINGS

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

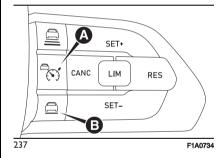
If the sensor detects a vehicle ahead, the device automatically intervenes by braking (or accelerating) slightly in order not to exceed the original set speed, so that the vehicle keeps the preset distance, seeking to adapt to the speed of the vehicle ahead. It is advisable to turn the device off in the following cases:

- ☐ driving in fog, heavy rain, snow;
- □ driving near a bend (winding roads), icy, snowy, slippery roads or with steep slopes and descents;
- $\hfill \blacksquare$ entering a turn lane or on a slip road;
- ☐ towing a trailer;
 ☐ when circumstances do
- $\hfill \blacksquare$ when circumstances do not allow safe driving at a constant speed.

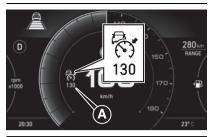
ACTIVATION / DEACTIVATION

Activation

To activate the device, press and release the button (A) fig. 237.



With the system enabled and ready for operation, the display shows a graphic indicating the "readiness" of the system (A) fig. 238.



238

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

Deactivation

With the device active, to deactivate it press and release the button (A) fig. 237.

SETTING THE DESIRED SPEED

The device can only be set with the speed over 0 km/h (0 mph) and under 130 km/h (81 mph).

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

accelerator pedal to make the vehicle go faster than the set speed. While the accelerator pedal is pressed:

a dedicated message will appear on the display for a few seconds:

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

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

The system cannot be set:

- when pressing the brake pedal;
- ¬ when the brakes are overheated:
- m when the electric parking brake is engaged;
- ☐ when the transmission in P (Park). R (Reverse) or N (Neutral):
- when the engine speed is above a maximum threshold:
- m when the ESC (or ABS or other stability control systems) are operating or have just operated;
- ¬ when the Autonomous Emergency Brake Control (AEB Control) system (where provided) is braking automatically:
- when the Speed Limiter is active: press the button (A) fig. 237 to deactivate the Speed Limiter. Press the (A) button again to set the system to "ready" status;

- □ in case of failure of the device:
- m when the engine is off:
- on very steep slopes;
- ☐ in case of radar sensor obstruction: in this case, clean the sensor. Use a clean cloth for cleaning. Do not use solvents or abrasive paste. In case of system set, the conditions described above also cause a cancellation or deactivation of the system with times that may vary according to the conditions.

WARNING The device is not deactivated when speeds higher than those set are reached with the accelerator pedal pressed. In these conditions, the device may not work correctly and it is advisable to deactivate it.

INCREASING/DECREASING **OF SPEED**

After having set the system, the stored speed can be increased or decreased by holding the SET + and SET buttons pressed.

□ Press the SET + or SET - button once: the set speed will increase or decrease by 1 km/h (1 mph). Each subsequent press of the button will result in an increase or decrease of 1 km/h (1 mph).

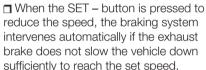
☐ Hold the SET + or SET - button pressed: the set speed will increase or decrease in 10 km/h steps (or 5 mph) until the button is released

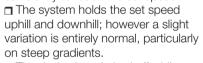


The set speed increase or decrease is shown on the display.



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





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



The system can be used to set a speed limit equal to that indicated on the road sign detected by the "Traffic Sign Recognition" system (see the respective chapter in this section). The "Traffic Sign Recognition" system will suggest the new speed limit which



















will be shown with a message. The driver can confirm the speed setting suggested by the road sign with the RES button.

Coming to a stop and restarting

The system can decelerate the vehicle to a standstill when the vehicle in front of it slows down and stops. The system will automatically restart the vehicle if the vehicle comes to a stop and the vehicle in front restarts within two seconds. If the vehicle in front restarts after 2 seconds, the RES button or the accelerator pedal must be pressed to reactivate the system and restart. If the system keeps the vehicle at a standstill for three minutes. the electric parking brake will activate and the system will be deactivated. NOTE When the system is keeping the vehicle stopped, the electric parking brake will be activated and the system will be deactivated at speeds close to stopping, if the driver unbuckles the seat belt or opens the door.

WARNING The driver must ensure that there are no pedestrians, vehicles or other obstacles in front of the vehicle when the system is reactivated. Failure to comply with this precaution may cause serious accidents and fatal injuries.

ACCELERATING WHEN OVERTAKING

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

RECALLING THE SPEED

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

The system will be set to the last stored speed.

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

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

SETTING THE DISTANCE BETWEEN VEHICLES

The distance between your vehicle and the vehicle ahead may be set to 1 bar (short), 2 bars (medium), 3 bars (long), 4 bars (maximum) fig. 239.



239 F1A0738

The distances from the vehicle ahead are proportional to speed. The interval of time with respect to the vehicle ahead remains constant and varies from 1 second (for the short distance 1-bar setting) to 2 seconds (for the maximum distance 4-bar setting). The set distance is shown on the display by means of a dedicated icon (A) fig. 240 (or in the "Driver Assist" areal.

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



240 F1A0740

To decrease the distance

Press and release the button to decrease the distance setting (B) fig. 237.

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

The set speed is held if there are no cars ahead. Once the shortest distance has been reached, a further press of the button will set the longest distance. If a vehicle shown on the instrument panel proceeds in the same lane, travelling at slower speed, an icon appears on the display (where provided). The device will automatically adjust the vehicle speed to hold the distance setting regardless of the set speed.

The vehicle holds the set distance until:

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

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

WARNING If the system predicts that the braking level is insufficient to maintain the set distance, it signals the driver to pay attention when

approaching the vehicle ahead by displaying an alert message on the display. An acoustic signal is also emitted. In this case, it is advisable to brake immediately as necessary to hold a safe distance from the vehicle ahead.





WARNING The driver is responsible for ensuring that there are no pedestrians, other vehicles or objectives along the direction of the vehicle. Failure to comply with these precautions may cause serious accidents and injuries.

responsible for holding a safe distance

from the vehicle ahead respecting the

highway code in force in the respective







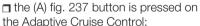


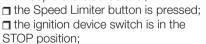
DEACTIVATION

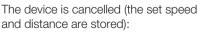
country.

WARNING The driver is fully

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







■ when the CANC button is pressed;









□ when the conditions shown in the "Setting the desired speed" paragraph occur.

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

MINIMUM RISK MANOEUVRE

If you remove your hands from the steering wheel, a countdown will begin which will result in the activation of visual and audible alerts (see the description provided in the "Co-Driver with Stop&Go - Traffic Jam Assist" chapter in this section). Furthermore, the system will initiate a minimum risk manoeuvre to bring the vehicle to safety if no hands are detected. The Adaptive Cruise Control system will braking slightly 23 seconds after vour hands have been removed from the steering wheel to warn you and encourage you to regain control of the vehicle.

If the driver does not regain control of the vehicle after a further 3 seconds, the system will brake again lightly. Subsequently, the system will automatically braking to bring the vehicle to a stop if you still do not put your hands back on the steering wheel persists.

The hazard warning lights will be activated as soon as the system activates the automatic braking. When the vehicle is at a standstill, the system will unlock the doors (if previously locked) and keep the hazard lights on. If you regain control of the vehicle during the minimum risk manoeuvre, placing your hands on the steering wheel or pressing the accelerator pedal will cause the system to behave normally and the minimum risk manoeuvre will be aborted.

SYSTEM LIMITED OPERATION WARNING

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

In case of camera blinding (e.g. caused by low sun in front of the windscreen), wait until the light and glare conditions cease and allow the system to operate fully.

If an obstruction is signalled, clean the area of the windscreen indicated in fig. 236 and check that the message has disappeared.

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

PRECAUTIONS WHILE DRIVING

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

Vehicle not aligned

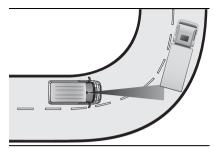
The system may not detect a vehicle travelling on the same lane but which is not aligned along the same direction of travel or a vehicle which is cutting in from a side lane. Sufficient distance from the vehicles ahead may not be guaranteed in these cases.

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

Steering and curves

On bends fig. 241 with the system set, it could limit speed and acceleration to vehicle stability even if no vehicles are detected ahead.

When leaving the bend, the system resets the previously set speed.



24I F1A0997

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

Using the system on gradient

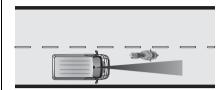
When driving on roads with variable gradient, the system may not detect the presence of a vehicle on the lane. The system performance be limited according to speed, load of the vehicle, traffic conditions and gradient steepness.

Lane change

The system may not detect the presence of a vehicle until it is fully in your lane fig. 242.

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

be always ready to press the brakes if needed.



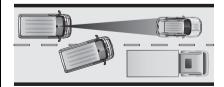
F1A0996

242

Small vehicles

Some narrow vehicles (e.g. bicycles and motorcycles fig. 243) travelling near the outer edges of the lane or which enter the lane from kerbside are not detected until they are fully in the lane.

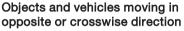
Sufficient distance from the vehicles ahead may not be guaranteed in these cases.



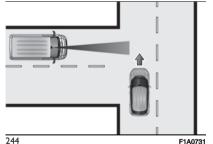
243 F1A0995

Stationary objects and vehicles

The system cannot detect the presence of stationary objects and vehicles if you are travelling at a speed exceeding 60 km/h (37 mph). For example, the system may not operate if the vehicle ahead leaves the lane and a car stopped on the lane ahead of if. Pay the utmost attention at all times and be always ready to press the brakes if needed.



The system cannot detect the presence of objects or cars travelling in opposite or crosswise direction fig. 244 and consequently will not be operated.

























WARNING

- **160)** Pay the utmost attention while driving at all times and be always ready to press the brakes if needed.
- **161)** 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.
- **162)** The device is not activated in presence of pedestrians, oncoming vehicles in the opposite direction of travel or moving in the crosswise direction and stationary objects (e.g. a vehicle standing in a queue or a broken down vehicle).
- **163)** The device cannot take account of road, traffic and weather conditions and conditions of poor visibility (e.g. fog).
- **164)** The device does not always fully recognise complicated driving conditions which could cause incorrect or non-existing determination of the safe distance to be held.
- **165)** The device can take the car to a standstill but the driver must always be ready to apply the brakes, if necessary.



IMPORTANT

62) The system may have limited operation or not work at all in weather conditions such as: heavy rain, hail, low sun, blinded camera, thick fog, heavy snow.

- **63)** The camera on the windscreen must not be covered with stickers or any other object.
- **64)** 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.
- **65)** 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.
- **66)** Do not tamper with nor operate on the camera on the windscreen. In the case of damage, contact a Fiat Dealership.
- **67)** Do not wash with high-pressure jets in the bumper lower area: in particular do not operate on the system's electrical connector. Do not use solvents or abrasive paste.
- 68) Be careful in case of repairs and painting in the zone around the sensor. In the event of a frontal impact the sensor may automatically deactivate and display a warning to indicate that the sensor needs to be repaired. Even without a malfunction warning, deactivate the system operation if you think that the position of the radar sensor has changed (e.g. due to low-speed frontal impact as during parking manoeuvres). In these cases, go to a Fiat Dealership to have the radar sensor realigned or replaced.

CO-DRIVER SYSTEM WITH STOP&GO -Traffic Jam Assist

(where provided)

The system combines Active Cruise Control (ACC) functions and lane centring logic to control the trajectory of the vehicle holding it as close as possible in the middle of the lane and also managing speed.

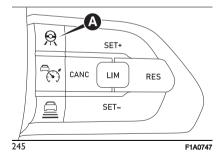
166) 167) 168) 169) 170) 171) 172) 173) 174) It is a driving assistance system that can be activated on all road types. The system uses information from the front camera and radar to help you keep the vehicle in the middle of the lane at a constant speed. If the event that the lane marking line is missing or not correctly recognised, the Co-Driver system may also use information from adjacent and preceding vehicles. This condition may occur in congested traffic, when the vehicle front and/or objects around the vehicle obstruct the lane markings. In this case, the system can use the queues of cars in the traffic to define the driving trajectory. Alternatively, the system can use the "lock-on" strategy, which allows it to automatically follow the car in front.

OPERATION

The system only works if the driver keeps his or her hands on the steering wheel.

If the system detects that hands have been removed from the steering wheel, it will alert you of the need to put your hands back on the steering wheel (see following pages).

WARNING The Co-Driver system can take a few seconds to activate once all conditions are met. During this time, a grey indication will appear on the instrument panel display and the system will be activated automatically as soon as all conditions are met, without any intervention by the driver.



The following conditions must be met before the Co-Driver system turns on:

- ☐ the Co-Driver system must be switched on by pressing the button (A) fig. 245 on the steering wheel;
- ☐ the Adaptive Cruise Control device (ACC) must be on:
- ☐ the vehicle speed must be between 0 and 150 km/h:
- no anomaly related to the camera or the radar must be present;
- ☐ the road lane width must be between 2.7 metres and 4.2 metres:
- ☐ the direction indicators must not be activated;
- $\hfill \square$ no anomaly related to the system must be present.

ACTIVATION / DEACTIVATION

To activate the system, press button (A) fig. 245 on the steering wheel. To deactivate the system press the button again.

Suspension conditions

System operation is temporarily paused in the following cases:

- ☐ ACC system deactivation or inhibition (see paragraph the Adaptive Cruise Control function);
- ☐ if there are very tight bends;
- one of the two lines is broken or ruined:
- ☐ the sun is low and is dazzling the camera on the windscreen:

- ☐ if the left or right direction indicator is activated:
- ☐ if the driver intentionally changes lanes without switching on the direction indicator on the corresponding side;
- □ when there is no surrounding traffic and there are no horizontal markings or they cannot be detected;
- if there are system anomalies;
- ☐ if vehicle speed exceeds the maximum limit;
- if lateral acceleration is high;
- □ poor visibility (due to heavy rain, snow, fog, etc.);

Automatic deactivation

The system is deactivated if you take your hands off the steering wheel for 45 seconds.

WARNING When the Co-Driver is paused the related graphics in the dedicated area will turn grey.

WARNING Hands on the steering wheel are detected by a capacitive sensor installed in it.

When the suspension conditions are over, the Co-Driver will be available again without requiring any reactivation action by the driver.





















INDICATIONS ON THE DISPLAY

The system status can always be viewed through a dedicated area on the instrument panel display.

The system status is indicated by the colour of the symbol.

If the driver's hands are not on the steering wheel, a series of warnings will appear on the instrument panel display to alert the driver that he needs to reposition his hands on the steering wheel. Acoustic signals will also be emitted.

After a certain period of time, the Co-Driver system will be disabled if the driver has not repositioned his or her hands on the steering wheel. When the system does not detect

hands on the steering wheel for a few seconds, it will warn the driver by displaying a dedicated screen at the centre of the instrument panel display (see the description in the following pages).

SYSTEM STATUS Active system

The active and correctly operating system status is indicated by the following screen on the instrument panel display fig. 246 in the "Driver Assistance" menu.



246 F1A0744

When the hands are removed from the steering wheel, the system does not deactivate automatically, but after a few seconds: some dedicated screens appear on the instrument panel display in sequence, to warn the driver to return his or her hands to the steering wheel (see the description below).

Active system (hands removed from the steering wheel for a short time)

As soon as you remove your from the steering wheel, this screen fig. 247 appears on the instrument panel display: in this case, the system remains active.



247 F1A0776

If the driver has not returned his or her hands to the steering wheel within a few seconds, this screen fig. 248 will appear on the instrument panel display.



F1A0777

Active system (hands removed from the steering wheel for a long time)

If the driver has not yet returned his or her hands to the steering wheel, this screen fig. 249 will appear on the instrument panel display.

An acoustic warning will sound also in this case. If you do not put your hands back on the steering wheel after an extended period of time, a deactivation message will appear on the instrument panel. The steering wheel control will then be deactivated.



249 F1A0778

When the Co-Driver system is active, Lane Control (where provided) is temporarily paused. When the Co-Driver system is not active, Lane Control (where provided), if previously activated, is still available. For more information on the Lane Control system, see the "Driving assistance systems" chapter in the "Safety" section.

SYSTEM LIMITED OPERATION

The Co-Driver may have limited or reduced functionality when one of the following conditions occurs:

The main ones are listed below:

- ☐ lane marking lines are not clear or in conditions of poor visibility (e.g. in heavy rain, snow, fog, etc.);
- ☐ either the camera or radar are damaged, covered or obstructed (e.g. by mud, ice, snow, etc.);
- when driving in the hills or on roads with narrow turns;
- near motorway toll-gates;
- when the motorway entrance or exit is more than 6 meters wide;
- if the camera is exposed to dazzling light (e.g. reflection or direct sunlight).



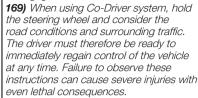
WARNING

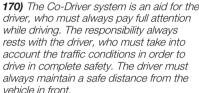
166) Many unpredictable situations can arise, affecting the performance of Co-Driver system. The driver must be ready to react immediately and take control of the vehicle in place of Co-Driver system.

167) If the vehicle approaches a bend that is too tight with respect to the current speed, the Co-Driver system turns off. The driver must therefore be ready to immediately regain control of the vehicle at any time. To avoid this situation it is important that the vehicle speed set does not exceed the current road speed limit.

168) The Co-Driver system uses a hands on steering wheel detection sensor: the driver must keep his hands on the steering wheel at all times. If the hands are removed from the steering wheel

for a certain period of time, the system disengages.





171) If the windscreen must be replaced due to scratches, chipping or breakage, contact exclusively a Fiat Dealership. Do not replace the windscreen on your own, risk of malfunction! It is advisable to replace the windscreen if it is damaged in the area of the camera.

172) Driving the vehicle on urban routes could significantly change the sensitivity of the system, due to the limited and/or lack of vertical and horizontal signs and variable traffic conditions.

173) Do not place any objects on the steering wheel (e.g. steering wheel covers of any type or material) which could interfere with the capacitive hand detection sensor on the steering wheel.

174) External factors and conditions may affect the proper operation of the Co-Driver system: damage or obstructions caused by mud, ice, snow, etc., damaged or misaligned bumpers, interference





















with other equipment that causes electromagnetic waves.

SAVING FUEL

Some useful tips are given below for fuel saving and reducing harmful emissions of CO2 and other pollutants (nitrogen oxides, unburnt hydrocarbons, Particulate Matter (PM), etc.).

GENERAL INFORMATION

The general factors that affect fuel consumption are listed below.

Vehicle maintenance

Have 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 an overloaded boot. The weight of the vehicle (especially when driving in town) and its geometry greatly affect fuel consumption and stability.

Roof rack/ski rack

Remove the roof rack or the ski rack from the roof after use. These

accessories reduce the aerodynamic coefficient of the vehicle and have a negative effect on fuel consumption. When transporting particularly large objects, use a trailer if possible.

Electric devices

Use electrical devices only for the amount of time needed. The heated rear window, additional headlights, windscreen/rear window wipers and heater fan need a considerable amount of energy, therefore increasing fuel consumption (by up to 25% in the urban cycle).

Climate control module

Air conditioning leads to higher fuel consumption (on average up to +20%). If the temperature outside permits, try and use the ventilation only.

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 fuel consumption are listed below.

Start

Do not warm up the engine at low or high revs when the vehicle is stationary; this causes the engine to warm up more slowly, thereby increasing fuel consumption and emissions. It is therefore advisable to move off immediately, slowly, avoiding high speeds: in this way the engine will warm up more quickly.

Unnecessary actions

Avoid accelerating when stopped at traffic lights or before switching off the engine.

This action and also double declutching is absolutely pointless on modern cars and also increases consumption and pollution.

Gear selection

As soon as the conditions of the traffic and road permit, use a higher gear. Using a low gear for faster acceleration will increase fuel consumption.

In the same way improper use of a high gear increases consumption, emissions and engine wear.

Top speed

Fuel consumption increases considerably with speed.

Maintain a constant speed, avoiding unnecessary braking and acceleration, which cost in terms of both fuel consumption and emissions.

Acceleration

Accelerating violently will greatly affect consumption and emissions: acceleration should be gradual.

USAGE CONDITIONS

The main usage conditions that negatively affect fuel consumption are listed below.

Cold starting

Short journeys and frequent cold starts do not allow the engine to reach optimum operating temperature.

Consequently, both consumption (from +15 to +30% on the urban cycle) and

Traffic and road conditions

emissions will increase.

Rather high consumption levels are linked to situations with heavy traffic, for instance when travelling in queues with frequent use of the lower gears or in cities with many traffic lights.

Winding mountain roads and rough road surfaces also adversely affect consumption.

Stops in traffic

During prolonged hold-ups (e.g. level crossings) the engine should be switched off.

REFUELLING THE VEHICLE

IN BRIEF

Stop the engine before refuelling.

Only refuel with automotive diesel conforming to the European specification EN590.

OPERATION AT LOW TEMPERATURES

If the outside temperature is very low, diesel thickens due to the formation of paraffin clots with consequent defective operation of the fuel supply system. In order to avoid these problems, different types of diesel are distributed according to the season; summer type, winter type and arctic type (cold/mountain areas). If refuelling with diesel whose specifications are not suitable for the usage temperature, it is advisable to mix PFTRONAS DURANCE DIESEL ART additive in the proportions shown on the container with the fuel. Pour the additive into the tank before the fuel.

When using or parking the vehicle for a long time in the mountains or cold areas, it is advisable to refuel using locally available diesel fuel. In this case,

it is also advisable to keep the tank over 50% full.



REFUELLING CAPACITY

To ensure that you fill the tank completely, top up twice after the first click of the fuel supply gun. Further top-ups could cause faults in the fuel feeding system.

FUEL TANK CAP

When refuelling, open flap (A) fig. 250 located on the left side of the vehicle therefore unscrew the cap (B) fig. 250 turning it counter-clockwise.

For versions / markets where provided, insert the ignition key in the lock of the cap. Turn the key counter-clockwise and remove the cap by gripping the key. Do not remove the key from the cap during refuelling. During the operation of refuelling, the cap can be hung to its appropriate place located on the door A (A) (fig. 250).











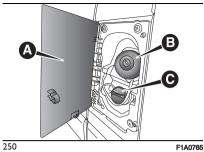












The sealing may cause a slight

pressure increase in the tank. A little breathing off, while slackening the cap is absolutely normal.

In case of loss or damage to the fuel tank cap, make sure that the replacement cap is for the appropriate vehicle.

Tighten the cap of the fuel tank filler until you hear a "click". This sound shows that the cap of the fuel tank filler is properly tightened.

For versions / markets where provided, turn the key clockwise until it stops. It is not necessary to apply an additional load on the key to complete the tightening of the cap. Only in the case where the cap has been tightened properly, it will be possible to remove the ignition key from the cap.

After each refuelling, make sure the fuel filler cap is securely tightened.

WARNING When the gun distributor fuel "snaps" or interrupts the supply, the tank is nearly full and you can run two additional top-ups after shooting automatic.

175) 176) 177)

TOPPING UP AdBlue® DIESEL EMISSIONS ADDITIVE (UREA)

Preliminary Conditions

AdBlue[®] (UREA) freezes at temperatures lower than -11°C. If the vehicle stands for a long time at this temperature refilling could be difficult. For this reason, it is advised to park the vehicle in a garage and/or heated environment and wait for the AdBlue[®] (UREA) to return to liquid state before topping up.

Proceed as follows:

- park the vehicle on ground level;
- stop the engine by turning the ignition device to MAR;
- ng open the fuel flap A (A)fig. 250 and then unscrew and remove the cap (C) (blue colour) from the AdBlue® (UREA) filler.

Refilling with nozzles

You can fill up at any AdBlue® (UREA) distributor.

Proceed as follows:

☐ insert the AdBlue[®] (UREA) nozzle in the filler, start refilling and stop refilling at the first shut-off (the shut-off indicates that the AdBlue[®] (UREA) tank is full).

Do not proceed with the refilling and remove the nozzle to prevent spillage.

Refilling with containers

Proceed as follows:

☐ check the expiration date;

☐ read the advice for use on the label before pouring the content of the bottle into the AdBlue® (UREA) tank;

☐ if systems which cannot be screwed in (e.g. tanks) are used for refilling, after the indication appears on the instrument panel display (refer to the "Warning lights and messages" paragraph), fill the AdBlue[®] (UREA) tank with no more than 10 litres;

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

Operations after refilling

Proceed as follows:

☐ fit the cap (C)fig. 250 back on the AdBlue® (UREA) filler by turning it clockwise and screwing it completely;☐ set the starter switch to MAR (it is not necessary to start the engine);

☐ wait for the indication on the instrument panel to switch off before moving the vehicle. The indication may stay on for a few seconds to approximately half a minute.

If the engine is started and the vehicle is moved, the indication will remain on for longer. This will not compromise engine operation;

☐ if the AdBlue[®] (UREA) was topped up when the tank was empty, refer to the "Refuelling" paragraph, and wait for 2 minutes before starting the engine.

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

ATTENTION

□ DO NOT EXCEED THE MAXIMUM LEVEL: this could cause damage to the reservoir. AdBlue[®] (UREA) freezes at under -11 °C. Although the system is designed to operate below the freezing point of the UREA, it is advisable not to fill the tank beyond the maximum level because if the AdBlue[®] (UREA) freezes the system can be damaged. Follow the instructions in the "Topping up AdBlue[®] diesel emissions additive (UREA)" paragraph in this chapter.

- ☐ If the AdBlue® (UREA) is spilled on painted surfaces or aluminium, immediately clean the area with water and use absorbent material to collect the fluid that has been spilled on the ground.
- □ Do not try to start the engine if the AdBlue® (UREA) was accidentally added to the Diesel fuel tank, this can result in serious engine damage, contact a Fiat Dealership.
- ☐ Do not add additives or other fluids to AdBlue[®] (UREA); doing so could damage the system.
- ☐ The use of non-conforming or degraded AdBlue® (UREA) may lead to indications appearing on the instrument panel display (see "Warning lights and messages" paragraph).
- □ Never pour AdBlue[®] (UREA) into another container: it could be contaminated.
- ☐ In case of damage to the sewage system of exhaust gas resulting from the use of additives / tap water, the introduction of diesel fuel, or at least by not fulfilling the requirements, the warranty expires.
- ☐ If the AdBlue® (UREA) runs out, refer to the "Warning lights and messages" paragraph to continue using the vehicle normally.

AdBlue® (UREA) storage

AdBlue[®] (UREA) is considered a very stable product with a long shelf life. Stored at temperatures LOWER than 32°C, it has a shelf life of at least one year. Follow the instructions on the label of the container.

AdBlue[®] (UREA) tank topping in cold environments

Since AdBlue[®] (UREA) starts to freeze around -11°C, the vehicle is equipped with an automatic system of heating UREA that allows the system to function properly at temperatures below -11°C.

If the vehicle remains idle for a long period at temperatures below the - 11°C, the AdBlue[®] (UREA) in the tank might freeze.

If the AdBlue[®] (UREA) tank was filled beyond the maximum level and freezes, it can be damaged; for this reason it is advisable not to exceed the maximum level of the tank.

Pay extra attention to avoid exceeding the maximum level when you use portable containers for topping up.

Fuel storage - Diesel Fuel

178)

In case of the storage of massive amounts of fuel, good maintenance is essential. The fuel contaminated





















with water favours the proliferation of "microbes".

These microbes create a "slime" that can clog the filter system and fuel pipes. Remove water from the supply tank and regularly replace the filter pipe.

WARNING When a Diesel engine runs out of fuel, air is blown through the fuel system.

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

The symbols shown below aid recognising the correct fuel type to be used on your vehicle. Before proceeding with refuelling, check the symbols inside the fuel filler flap (where provided) and compare them with the symbols shown on the fuel pump (where provided).

Symbols for diesel fuelled vehicles



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



WARNING

175) Do not approach naked flames or lit cigarettes to the fuel tank filler: fire risk. Keep your face away from the fuel filler to prevent breathing in harmful vapours. 176) To avoid fuel spillage and the exceeding of the maximum level, avoid topping up after filling the tank. 177) Any fuel pumping in portable containers located on a floor can cause a fire. Danger of burns. Always put the fuel container on the ground during filling. Avoid using contaminated fuel: a fuel contaminated with water or earth can cause serious damage to the engine fuel feed system. Proper maintenance of the fuel filter, of the engine and the fuel tank is essential.

178) Do not open the fuel system at high pressure with the engine running. The operation of the engine creates a high fuel pressure. A jet of high-pressure fuel can cause serious injury or death.



IMPORTANT

69) Only refuel with automotive diesel complying with the European specification EN590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused. If you accidentally introduce other types of fuel into the tank, do not start the engine. Empty the tank. If the engine has been run for even an extremely limited amount of

time, you must not only drain the fuel tank, but the rest of the supply circuit as well.

ADBLUE® (UREA) ADDITIVE FOR DIESEL EMISSIONS

The vehicle is equipped with an AdBlue[®] (UREA) injection system and Selective Catalytic Reduction to meet emission standards.

These two systems ensure compliance with the diesel emissions requirements; at the same time, they ensure fuelefficiency, handling, torque and power. For messages and system warnings, refer to the "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter.

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

For more information on the AdBlue[®] (UREA) liquid type, see the "Fluids and lubricants" paragraph in the "Technical Specifications" chapter.

The vehicle is provided with an automatic AdBlue[®] (UREA) heating system when the engine starts allowing the system to work correctly at temperatures lower than -11 °C.

WARNING! AdBlue® (UREA) freezes at temperatures lower than -11 °C.

LOADING ADVICE

The Fiat Ducato version used by you has been designed and type approved on the basis of certain maximum. weights (see "Weights" table in the "Technical Data" chapter): kerb weight. payload, total weight, maximum weight on front axle, maximum weight on rear axle, towable weight.

WARNING The maximum permitted load on the floor fastenings is 500 kg; the maximum permitted load on the side panel is 150 kg.

WARNING For versions with right and left side flaps, it is advisable to reposition the release lever in the closed position before lowering the sides.

179) 180) 181)



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.

181) If you wish to carry a reserve of petrol in a can, observe the legal restrictions and only use a can that is type-approved and properly secured to the load anchoring evebolts. In the event of a collision the fire risk is increased all the same.



IMPORTANT

70) 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

IMPORTANT NOTES



The vehicle must be provided with a type-approved tow hook and adequate electrical system to tow caravans or trailers. Installation should be carried out by specialised personnel who will issue the required papers for travelling on roads.



Install any specific and/or additional door mirrors as specified by the Highway Code, Remember that when towing a trailer, steep hills are harder to climb, the braking spaces increase and overtaking takes longer depending on



Engage a low gear when driving downhill, rather than constantly using the brake.

the overall weight.

document).



The weight of the trailer on the vehicle tow hook will reduce the loading capacity of the vehicle by the same amount. Consider the weight of the trailer fully laden, including accessories and luggage, to make sure you do not exceed the maximum towable weight

(shown on the vehicle registration









Do not exceed the speed limits specific to each country you are driving in, in the case of vehicles towing trailers. In any case, the top speed must not exceed 100 km/h.

You are advised to fit a suitable stabiliser to the trailer drawbar. In the vehicles equipped with parking sensors, after fitting the tow hook malfunctioning warnings may be displayed, as some parts (tow bar, ball tow hook) may be within the sensor detection range. In this case the detection range must be adjusted or the parking assistance function must be deactivated.

182) 183)

INSTALLING THE TOW HOOK

The towing device should be fastened to the body by specialised technicians according to any additional and/or integrative information supplied by the Manufacturer of the device.

The towing device must meet current regulations with reference to Directive 94/20/EC and subsequent amendments.

For any version the towing device used must match the towable weight of the vehicle on which it is to be installed. For the electric connection a standard connector should be used which is

generally placed on a special bracket normally fastened to the towing device, and a special ECU for external trailer light control must be installed on the vehicle. For the electrical connection, 7 or 13 pin 12 VDC connections are to be used (CUNA/UNI and ISO/DIN Standards). Follow the instructions provided by the vehicle manufacturer and/or the tow hitch manufacturer. An electric brake should be supplied directly by the battery through a cable with a cross section of no less than 2,5 mm².

WARNING Electric brakes or other devices must be used with engine running. In addition to the electrical branches, the electric system of the vehicle can only be connected to the supply cable for an electric brake and to the cable for an internal light, though not above 15W. For connections use the preset control unit with battery cable no less than 2.5 mm².

WARNING The trailer tow hook contributes to the length of the vehicle. When installing on long wheelbase versions, it is only possible to install removable tow hooks because the total vehicle length limit of 6 metres is exceeded. If no trailer is fitted, the hook must be removed from the attachment

base and it must not exceed the original length of the vehicle.

WARNING If you wish to leave the tow hook fitted without towing a trailer, it is advisable to contact a Fiat Dealership for the relevant system update operations because the tow hook could be detected as an obstacle by the central sensors.

Installation diagram for Van versions fig. 251

The tow hook structure must be fastened in the points shown by the symbol Ø using a total of 6 M10x1.25 screws and 4 M12 screws.

The internal back plates must be at least 5 mm thick. MAX LOAD ON BALL: 100/120 kg depending on the payload (see the "Weights" table in the "Technical Specifications" chapter).

184)

To install a tow hook, the bumpers must be trimmed as described in the supplier's installation kit.

Installation diagram for Truck and Chassis Cab versions fig. 252

Another tow hook specific to Truck and Chassis Cab versions is shown in fig. 252.

The structure Ø must be fixed in the points indicated using a total of 6 M10x1.25 screws and 4 M12 screws. MAX LOAD ON BALL: 100/120 kg depending on the payload (see the "Weights" table in the "Technical Specifications" chapter).



WARNING

182) The ABS with which the vehicle may be equipped will not control the braking system of the trailer. Particular caution is required on slippery roads.

183) Never modify the braking system of the vehicle to control the trailer brake. The trailer braking system must be fully independent from the hydraulic system of the vehicle.

184) After fitting, screw holes must be sealed to prevent exhaust gas infiltrations.











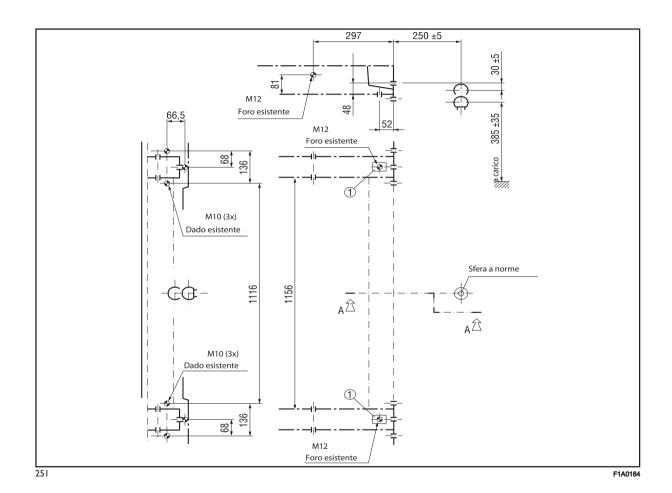




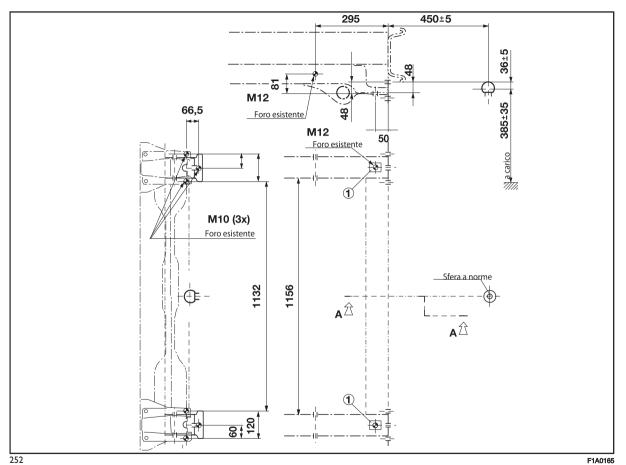








216























INSTRUCTIONS FOR USING THE REMOVABLE BALL HEAD TOW BAR

<u>A</u> 71) 72) 73) 74) 75) 76)

Before setting off, check the correct locking of the removable ball head tow bar, as follows:

- ☐ The green mark of the handwheel must coincide with the green mark on the tow bar;
- ☐ The handwheel is in the stop position on the tow bar (without slot;
- □ locked lock and key removed. The handwheel cannot be removed;
- $\hfill \square$ ball head bar firmly secured to the housing pipe.

Check by shaking with a hand. The fitting procedure must be repeated if any of the 4 checked requirements is not met.

If even only one of the requirements is not met the tow hook must not be used, as in this case there is risk of accidents.

Contact the joint manufacturer.

The ball head tow bar can be fitted and removed manually, without needing any tool.

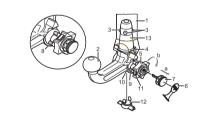
Never use working tools or means, as the mechanism could be damaged. Never unlock in the case of trailer attached to the vehicle or fitted rack. When driving without trailer without rack the ball head tow bar must be removed and the closing cap must always be inserted in the housing pipe. This applies particularly if the visibility of the number plate characters or of the lighting system is reduced.

Removable ball head tow bar fig. 253 - fig. 254 - fig. 255

(1) Housing pipe / (2) Ball head tow bar / (3) Lock balls / (4) Release lever / (5) Handwheel / (6) Cap / (7) Key / (8) Red mark (handwheel) / (9) Green mark (handwheel) / (10) Green mark (tow bar) / (11) Symbol (release control) / (12) Plug / (13) Pin / (14) No gaps between 2 and 5 / (15) Gap of approximately 5 mm

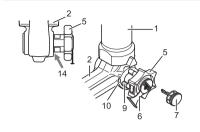
Installing the ball head tow bar Proceed as follows:

1. Remove the plug from the mounting pipe.



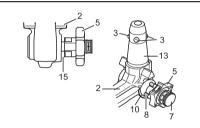
253 F1A0380

Locked position, driving



254 F1A0381

Released position, removed



255 F1A0382

The ball head tow bar is usually in the released position when taken out from the boot. This can be observed by the flywheel spaced from the tow bar, corresponding to a slot of approx. 5 mm (see figure) and by the red mark on the flywheel directed to the green mark on the tow bar.

Please note that the tow bar can be installed only when in these conditions. If the locking mechanism of the tow bar

is disengaged before the installation, or at any other time, and is in the locked position, it must be pre-loaded. The locked position can be identified by the green mark of the flywheel coinciding with the green mark of the tow bar and by the flywheel in the stop position on the tow bar, namely without slot (see figure).

The locking mechanism is pre-loaded as follows: with the key inserted and the lock open, extract the flywheel following the direction of the arrow and, to pre-load, rotate according to the direction of the arrow b until the stop. The release lever is engaged and the locking mechanism remains in the pre-loading position even when the flywheel is released. The tow bar must be inserted in the housing pipe with the coupling pin for the installation. Insert from the bottom and push upwards. The mechanism then locks automatically. Keep your hands far from the flywheel, as it rotates during the locking procedure.

2. The tow bar must be inserted in the housing pipe with the coupling pin for the installation. Insert from the bottom and push upwards. The mechanism then locks automatically. Keep your hands far from the flywheel, as it rotates during the locking procedure.

3. Close the lock and always remove the key. The key cannot be removed when the lock is released. Apply the protection cap on the lock.

Removing the tow bar

Proceed as follows:

- 1. Remove the protection cap from the lock and press it on the key grip. Open the lock with the key.
- 2. Hold the tow bar firmly, remove the flywheel following the direction of the arrow and rotate according to the direction of the arrow b until stopping, so as to remove till the extracted position. Then remove the tow bar from the housing pipe. The flywheel can then be released; it autonomously stops in the released position.
- 3. Arrange the tow bar in the luggage compartment so that it cannot be dirtied or damaged by other transported objects.
- 4. Insert the suitable plug in the mounting pipe.



IMPORTANT

- **71)** The removable ball head bar must be repaired and taken apart by the manufacturer only.
- **72)** The accompanying plate must be in a highly visible point of the vehicle, near the mounting pipe or inside the boot.

- 73) To ensure correct operation of the system, periodically remove all dirt deposits from the ball head bar and from the mounting pipe. The mechanical components must be serviced at the specified intervals. The lock must only be treated with graphite.
- 74) Periodically lubricate the joints, the sliding surfaces and the balls with grease without resin or oil. Lubrication is also a further corrosion protection.
- **75)** If the vehicle is washed with high-pressure jets, the ball head bar must be removed and the dedicated cap fitted. The ball head bar must never be treated with steam jets.
- **76)** Two keys are supplied together with the removable ball tow bar. Note down the key number on the pawl for any following order and keep it.





















PROLONGED VEHICLE INACTIVITY

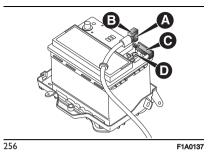
If the vehicle needs to be off the road for longer than one month, the following precautions must be taken:

- □ park the vehicle indoors in a dry and, if possible, well-ventilated place;
- ☐ engage a gear;
- ☐ check that the parking brake is not activated:
- □ disconnect the battery:
 - For versions with Start&Stop system: the procedure must be performed by disconnecting the connector (A) (pressing the button (B)) from the sensor (C) monitoring the battery conditions, on the negative pole (D) of the battery fig. 256.
 - For versions without
 Start&Stop system: disconnect
 the negative terminal from
 the battery terminal. If the
 vehicle is equipped with a
 battery disconnection function
 (disconnector), see the description
 of the procedure in the "Battery
 disconnection function" chapter.
- ☐ 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;
- $\hfill \square$ do not drain the engine cooling system.

WARNING If the vehicle is equipped with an alarm system, switch off the vehicle alarm with the remote control.

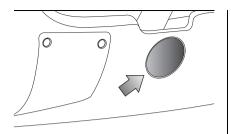
WARNING After turning the ignition key to STOP and having closed the driver side door, wait at least one minute before disconnecting the electrical supply from the battery. When reconnecting the electrical supply to the battery, make sure that the ignition key is in the STOP position and the driver's door is closed.



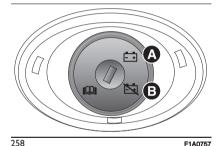
BATTERY DISCONNECTION FUNCTION (DISCONNECTOR)

(for versions/markets, where provided) The battery disconnector is located in the lower part of the dashboard under the steering column. To access the disconnector, open the cover that protects the device fig. 257. The battery disconnection function is enabled by moving the device from position (A) to position (B) fig. 258, with the help of the ignition key.

The battery will be disconnected, by interrupting the earth lead, about 7 minutes after.



257 F1A0756



This 7 minute period is necessary to:

□ allow the driver to get out of the vehicle and lock the doors using the remote control

ATTENTION: If the vehicle is equipped with an anti-theft system, it is absolutely necessary that the doors are locked with the mechanical key and not with the remote control. Locking with the remote control will activate the anti-theft system. At the end of the 7 minutes, when the battery would be

disconnected, the anti-theft system would recognise this as a break-in attempt.

guarantee that all the vehicle electrical systems have been deactivated.

With the battery disconnected, access to the vehicle will only be possible by unlocking the driver's door using the mechanical lock.

To restore the battery connection, insert the ignition key into the disconnector and move it to position (A) fig. 258, at which point the vehicle can be started normally. If the battery is disconnected, it may be necessary to set certain electrical

devices again (e.g. clock, date, etc.).





















IN CASE OF 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

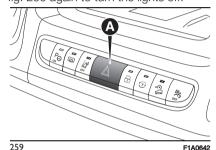
to search the nearest Fiat Dealership.

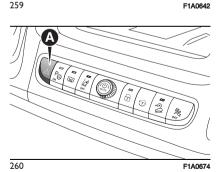
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HAZARD WARNING LIGHTS

They are switched on by pressing the switch (A) fig. 259 or (A) fig. 260, according to the versions, regardless of the position of the ignition key.

Warning lights ⟨¬ and ¬⟩ are lit up in the instrument panel when this device is activated. Press the switch (A) fig. 259 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.
This function complies with the relevant

This function complies with the relevan legislation currently in force.

ASSIST CALL

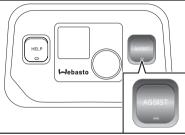
(for versions/markets where provided) The vehicle is provided with on-board assistance functions designed to provide support in the event of vehicle malfunctions (ASSIST). They are managed via the Uconnect Box. The ASSIST function is activated:
□ automatically (for versions/markets, where provided) following malfunctions of the braking system, fuel system, engine, etc.

□ manually, by pressing the ASSIST button fig. 261 located on the ceiling light or by selecting the appropriate menu on the **UconnectTM** system (for versions/markets, where provided):

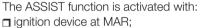




261







☐ ignition device in STOP position and **Uconnect™** system display on.

After the ASSIST function (for versions/markets, where provided) has been activated automatically or manually, pressing the corresponding button will send position data to the operational centre and make a voice call to an operator.

NOTE If the Assist function does not work, the system fault will be indicated on the display. If this happens, go to an authorised workshop to have the function repaired as soon as possible. NOTE The correct operation of the ASSIST services will be guaranteed only by a good network coverage.





















WARNING The ASSIST function may not be available for the first minute after the vehicle is started.

Privacy: GPS location is always active for ASSIST. Deactivating it via the **Uconnect™** system "Settings" menu will make some of the other services unavailable (see the "Settings" chapter of the **Uconnect™** system for more details).

WARNING The Q icon at the top of the Uconnect™ system display indicates that the geolocation function is active (ON). When geolocation is on, the vehicle position is tracked to enable the functions that require it. When geolocation is off, the vehicle position is only tracked by the navigation, safety, insurance and driver assistance systems (where provided). See the Uconnect™ system "Settings" chapter to deactivate the function.

MANUAL ASSIST CALL

(for versions/markets where provided)
Pressing the ASSIST button located on
the front ceiling light fig. 261 and/or on
the display of the **Uconnect™** system
(for versions/markets, where provided)
to call to one or more of the following
services:

- □ Roadside assistance: if case of need, a connection will be established with the roadside assistance authority which will receive the vehicle type and its position directly. Additional roadside assistance charges may apply.
- □ Customer care (for versions/markets, where provided): Customer service to support all vehicle problems.

The LED on the ASSIST button located on the ceiling light will turn green once connected to an ASSIST operator and will turn off when the connection is ended.

NOTE If the ASSIST call button is pressed by mistake, the call can be ended by pressing the same button again or by pressing the cancel button on the **UconnectTM** system display. Once the connection has been established, the following data will be automatically transmitted, as authorised by the customer:

- ☐ indication that the occupant has made an ASSIST call;
- ¬ vehicle brand:
- ☐ the most recent known GPS coordinates of the vehicle;
- ☐ the type of error that occurred on the vehicle that automatically sent the ASSIST request (in the case of an automatic call - for versions/markets, where provided).

The call will be made through the vehicle sound system to provide any additional information about the assistance request.

If the system is unable to establish the voice call, or the line disconnects due to insufficient coverage, the ASSIST service will make several attempts to try to call the operational centre.

WARNING If you have not subscribed to the related services or the My Assistant package has expired or is unavailable for purchase, the ASSIST call will not be available. For further information visit the Fiat official website.

WARNING If the ASSIST call system detects a malfunction, it is indicated by the red LEDs on the ceiling light and a corresponding message on the **Uconnect™** system display. Contact a Fiat Dealership as soon as possible.

If an emergency call (HELP) is active and an ASSIST call is requested, the latter will not be delivered.

GENERAL DISCLAIMERPersonal data & privacy

☐ FCA collects, processes and uses the personal data of the vehicle in accordance with legal requirements. Read more about the

general conditions of service and data protection policies on the Fiat official website.

☐ The customer is solely responsible for using the services in the vehicle, even if by other people, and shall inform all users and occupants of the vehicle about the services and the functions and limits of the system.

Operating prerequisites

- To use some of the Uconnect Services you need to register on the dedicated portal that can be accessed from the Fiat official website, activate and login to your devices.
- □ Uconnect Services not available in all markets and is subject to limitations depending on Uconnect™ system type, location and duration of the services.
- ☐ The full operation of the Uconnect Services, including the ASSIST call, is subject to mobile network and GPS geolocation coverage, without which the proper provision of services is not guaranteed. Coverage may not be guaranteed in places such as tunnels, garages, multi-storey car parks, mountains.
- ☐ The services may be unavailable in the event of mobile network overload or problems related to the vehicle power source (e.g. low battery).

■ When using the services, customers shall keep their passwords secret for strictly personal use and not to disclose them to third parties.

HELP CALL

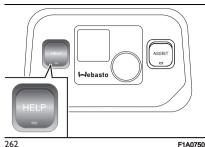
(for versions/markets where provided) The vehicle is equipped with on-board assistance functions designed to provide support in the event of an accident and/or emergency (HELP). They are managed via the Uconnect Box.

The HFLP function is activated:

- automatically in the event of a major collision recorded by the device aboard the vehicle:
- manually, by pressing the HELP button located on the ceiling light fig. 262 (for versions/markets, where provided) or by means of the dedicated menu on the **Uconnect™** system:



HELP



























WARNING If the HELP emergency service is activated, the call will be routed automatically to a private Call Centre. Note that whenever the text refers to the HELP call, it is to be considered managed by private service providers. The HELP call service is not the e-call system for emergency calls set out in the applicable European Community legislation for newly type-approved vehicles.

The HELP service has an expiry. Refer to the Mv Uconnect website for the latest terms of service.

The HELP function is activated with: ignition device at MAR;

☐ ignition device in STOP position and **Uconnect™** system display on.

After the HELP function (for versions/markets, where provided) has been activated automatically or manually, pressing the corresponding button will send the position data to the operational centre and make a voice call to an operator.

NOTE If the HELP function does not work, the system fault will be indicated on the display. If this happens, go to an authorised workshop to have the function repaired as soon as possible. NOTE The correct operation of the HELP services will only be guaranteed with good network coverage.

WARNING The HELP function may not be available for the first minute after the vehicle is started.

Privacy: GPS location is always active for HELP. Deactivating it via the "Settings" menu of the **Uconnect™** system will make some with other services unavailable (see the "Settings" chapter of the **Uconnect™** system for more details).

WARNING The Q icon at the top of the **Uconnect™** system display indicates that the geolocation function is active (ON). When geolocation is on, the vehicle position is tracked to enable the functions that require it. When geolocation is off, the vehicle position is only tracked by the navigation,

safety, insurance and driver assistance systems (where provided). See the **Uconnect™** system "Settings" chapter to deactivate the function.

MANUAL HELP CALL

(for versions/markets where provided) When required, hold the HELP button on the front ceiling light fig. 262 pressed for 2 seconds or press the button on the **Uconnect™** display (for versions/markets, where provided).

The LED on the HELP button will turn green when the call is connected to an HELP operator, and will turn off when the call ends.

NOTE If the HELP call button is pressed by mistake, it is possible to press it again within 10 seconds to cancel the operation or press the cancel button on the **Uconnect**TM system display.

Once the connection has been established, the following data will be automatically transmitted to the Operations Centre, as authorised by the customer:

- indication that the occupant has made an HELP call;
- □ vehicle brand;
- ☐ the most recent known GPS coordinates of the vehicle.

If you are able to speak to the operator, do so through vehicle audio to provide

additional information about the request for help.

If the system is unable to establish the voice call, or the line disconnects because of insufficient coverage, the HELP service will try to call the operational centre again for 5 minutes. If the operational centre needs to contact the vehicle again, the system can receive an incoming call, which will be accepted automatically.

WARNING When the service expires, you will not be contacted by any operations centre and the system will warn you of the unavailability of the service.

WARNING If the HELP call system detects a malfunction, it will be indicated:

☐ during the start-up phase;
☐ by turning on the red LEDs on the ceiling light and displaying a message on the **Uconnect™** system display when the malfunction is detected.
Contact a Fiat Dealership as soon as possible.

WARNING In the event of danger (fire, visible smoke or hazardous road conditions or positions), do not wait for

voice contact with the HELP service operator, but exit from the vehicle immediately and go to a safe place, if in a condition to do so.

WARNING Do not place network antennas, CB radios or aftermarket electrical equipment to avoid interference. Such interference could prevent the system form making the emergency call.

WARNING Ignoring system fault warnings (red LED on the ceiling console) could mean being unable to make an HELP call when necessary.

Even if the HELP call system is fully functional, factors outside the control of FCA could interfere with or prevent operation of the HELP call. Such factors can be caused by the vehicle electrical systems not being intact, damage to the HELP system during the accident, satellite signals that are overloaded or unavailable, network congestion, adverse weather conditions, buildings, structures, interference, tunnels, etc.

GENERAL DISCLAIMER

Personal data & privacy

☐ FCA collects, processes and uses the personal data of the vehicle in accordance with legal requirements. Read more about the general conditions of service and data protection policies on the Fiat official website.

☐ The customer is solely responsible for using the services in the vehicle, even if by other people, and shall inform all users and occupants of the vehicle about the services and the functions and limits of the system.

☐ If the HELP emergency service is activated (for versions and markets where available), the call will be routed automatically to a private Call Centre. Note that whenever the text refers to the HELP call, it is to be considered managed by private service providers.

Operating prerequisites

☐ To use some of the Uconnect Services you need to register on the dedicated portal that can be accessed from the Fiat official website, activate and login to your devices.

□ Uconnect Services not available in all markets and is subject to limitations depending on **Uconnect™** system type, location and duration of the services.

☐ Full functionality of Uconnect Box services, including HELP calls, depends on the mobile network and GPS geolocation coverage, without which the services may not be provided correctly. Coverage may not be guaranteed in places such as tunnels, garages, multi-storey car parks, mountains.

☐ The services may be unavailable in the event of mobile network overload or problems related to the vehicle power source (e.g. low battery).

☐ When using the services, customers shall keep their passwords secret for strictly personal use and not to disclose them to third parties.





















Uconnect Box SYSTEM BATTERY

The Uconnect Box system is provided with an independent battery that allows the operation of some connected services even if the vehicle battery is disconnected.

The system will warn the user of the need to replace this battery by displaying a dedicated message on the display of the **UconnectTM** system (for versions/markets where provided) and by means of a notification via mobile app (for versions/markets, where provided).

Go to a Fiat dealership as soon as possible.

NOTE Failure to replace the battery and, consequently, failure to observe the warnings provided by the system could affect or entirely prevent service operation.

NOTE Regardless of state of charge, the battery must be replaced every 5 years by a Fiat dealership.

REPLACING A BULB

GENERAL INSTRUCTIONS

185) 186)

187) 🕭 77)

- ☐ 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;
- $\hfill \square$ 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

185) 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.

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

187) Never disconnect the 12V battery terminals. No operations are allowed on the 12V battery. Always go to a Fiat Dealership.



IMPORTANT

77) 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:

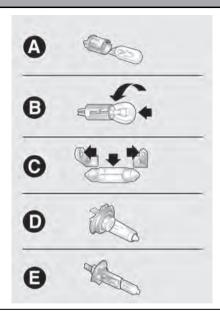
All-glass bulb: (type A) these are pressure fitted - pull to remove.

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 | Туре | Power | Figure ref. |
|---|---------------------------|-----------------------|-------------|
| Main beams | H7 | 55W | D |
| Mail Deaths | FULL LED | - | - |
| Dipped boodlights | H7 | 55W | D |
| Dipped headlights | FULL LED | - | - |
| Front side / Daytime running lights (DRL) | W21/5W - LED (*) | 21/5W | В |
| Front side / Daytime running lights (DNL) | LED (*) | - | - |
| Front fog lights (**) | H11 | 55W | - |
| | WY21W | 21W | В |
| Front direction indicators | LED (*) | - | - |
| Side direction indicators | W16WF (***) / WY5W (****) | 16W (***) / 5W (****) | А |
| Rear direction indicators | PY2IW | 21W | В |
| Side lights | W5W | 5W | А |
| Rear side lights | P21/5W | 21/5W | В |
| Rear side lights/Brake lights | P21W | 21W | В |
| Third brake light | W5W | 5W | В |
| Reverse gear | W16W | 16W | В |
| Rear fog light | W16W | 16W | В |
| Number plate | C5W | 5W | А |

| Light bulbs | Туре | Power | Figure ref. |
|---------------------------------|--------|-------|-------------|
| Front roof light (movable lens) | 12V10W | 10W | C |
| Rear ceiling light | 12V10W | 10W | C |























- (*) Where provided (**) 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

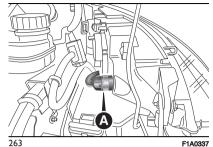
The front light clusters contain the side lights and DRLs (where the LED solution is not provided), dipped beam, main beam and direction indicator bulbs.

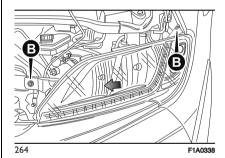
Bulbs must be replaced with the headlight removed and placed on a work surface.

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. 263 from the headlight;
- □ undo the screws (B) fig. 264 fixing the headlight to the body, release the headlight from its housing, in the lower part, as shown in fig. 264 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. 264;

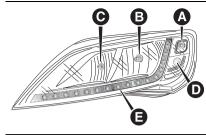
☐ disconnect the electrical connector (A) fig. 263 from the headlight.





The bulbs are arranged inside the light cluster as follows fig. 265:

- (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))



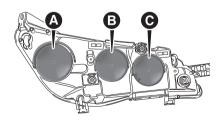
265 F1A0313

To replace a main beam headlight bulb, remove the rubber cap (C) fig. 266.

To replace a dipped beam headlight bulb, remove the rubber cap (B) fig. 266.

To replace a direction indicator or side light/DRL bulb (when not LED), remove the rubber cap (A) fig. 266.

After replacement, refit the rubber caps correctly, ensuring that they are locked in place.

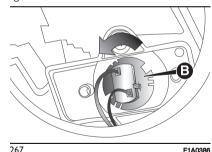


266 F1A0314

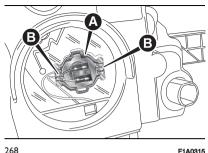
SIDE LIGHTS/DAYTIME **RUNNING LIGHTS**

To replace the bulb, proceed as follows:

- ¬ remove the protective rubber cover (A) fig. 266;
- □ turn the bulb holder (B) fig. 267 anticlockwise:
- right 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. 266.



MAIN BEAM HEADLIGHTS



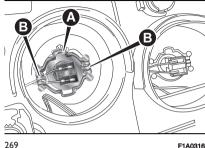
F1A0315

To replace the bulb, proceed as follows:

- ☐ remove the protective rubber cover (C) fig. 266;
- ☐ free the bulb holder (A) fig. 268 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) fia. 266.

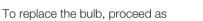
DIPPED BEAM **HEADLIGHTS**

With incandescent bulbs





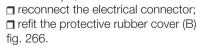








- the side clips (B) and remove it; □ disconnect the electrical connector:
- ☐ fit the new bulb, ensuring that the outline of the metal part coincides with the grooves on the curve of the headlight, pressing to engage it with the side clips:







To replace the bulb, proceed as follows:













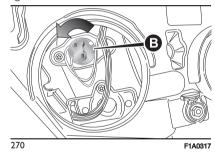








- remove the protective rubber cover (A) fig. 266:
- ☐ turn the bulb holder (B) fig. 270 anticlockwise:
- n extract the bulb by pulling and replace it:
- remove the bulb by pushing it slightly and turning it anticlockwise (bayonet mount):
- refit the bulb holder (B) by turning it clockwise and making sure that it locks correctly:
- refit the protective rubber cover (A) fig. 266.



Side

To change the bulb, proceed as follows fig. 271:

- 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.

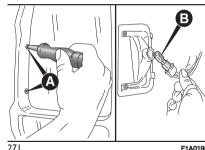
VERSIONS WITH LED LIGHTS

(for versions/markets, where provided) For replacing these bulbs, contact a Fiat Dealership.

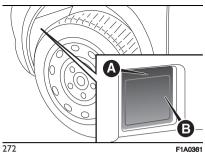
FOG LIGHTS

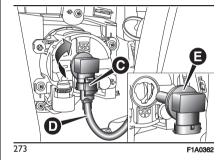
(for versions/markets, where provided) To replace the front fog light bulbs, proceed as follows:

☐ steer the wheel completely inwards; □ undo the screw (A) and remove the flap (B) fig. 272;



- adjust the clip (C) fig. 273 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.





REAR LIGHT CLUSTERS

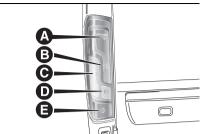
The bulbs are arranged inside the light cluster as follows fig. 274:

- (A) brake/side lights
- (B) sideliahts

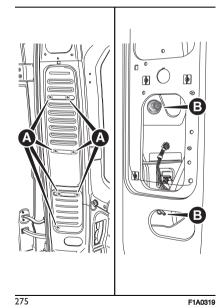
F1A0195

- (C) Direction indicators
- (D) reversing lights
- (E) rear fog lights

To change the bulb, proceed as follows fig. 275, fig. 276:



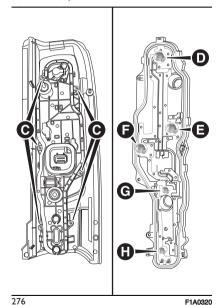
274 F1A0318



open the rear swing door:

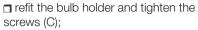
□ undo the 7 fixing screws (A) of the plastic cover:

- 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:



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;



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).















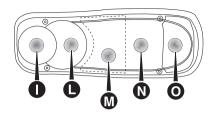


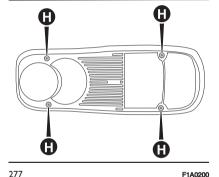






For truck and chassis cab versions:

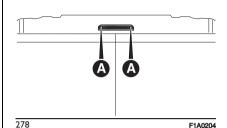


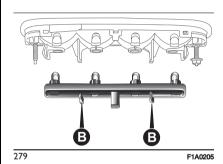


Undo the four screws (H) fig. 277 and replace the bulbs:

- (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

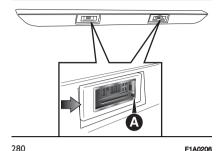




To replace the bulb proceed as follows: undo the two fixing screws (A) fig. 278;

- extract the lens unit;
- ☐ press the tabs (B) fig. 279 together and remove the bulb holder;
- remove the snap-fitted bulb and replace.

NUMBER PLATE LIGHTS



To replace the bulb proceed as follows: operate in the point indicated by the arrow and remove the lens unit (A) fig. 280;

☐ 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.

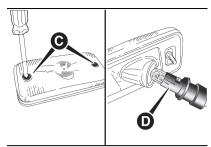
SIDE LIGHTS

(for versions/markets, where provided)

\square For extra-long van versions

Proceed as follows:

- undo the two fixing screws (C) fig. 281 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.



281 F1A0207

☐ Chassis cab versions with platform

Proceed as follows:

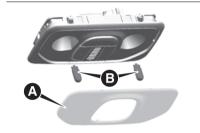
- remove the bulb holder on the rear of the light cluster, turning through 1/4 turn:
- remove the snap-fitted bulb and replace.

REPLACING INTERIOR BULBS

For the type of bulb and relevant power rating, see the "Changing a bulb" paragraph.

FRONT CEILING LIGHT

To replace the bulbs, proceed as follows:



282 F1A0745

- ☐ With the help of a small tool, remove the transparent part of the ceiling light (A) fig. 282;
- □ pull the bulb (B) fig. 282 towards you and replace it;
- □ reposition the lens of the ceiling light (A) making sure that it is locked 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. 283:



open protective flap (E) fig. 284;

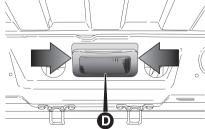


☐ change the bulb (F) fig. 284 releasing it from the side contacts and making sure the new bulb is correctly fastened between the contacts;



□ close the protective flap (E) fig. 284 and re-insert the roof light (D) fig. 283 in its housing, making sure that it locks into place.

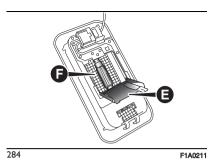








283 F1A0210



FUSES

GENERAL INFORMATION

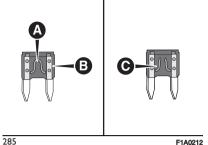
188) 189) 190) 191) 192)



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. 285 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. For fuse replacement, contact a Fiat Dealership.

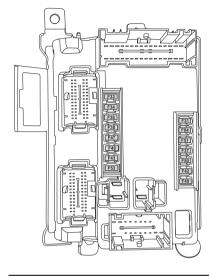


ь

FUSE LOCATION

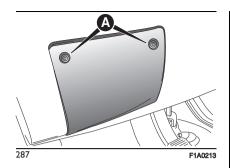
The vehicle fuses are grouped in three control units located on the dashboard, passenger compartment right pillar and engine compartment.

DASHBOARD FUSEBOX



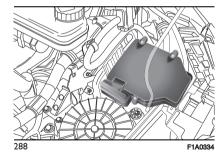
286 F1A0607

To access the dashboard fusebox fig. 286, loosen the screws (A) fig. 287 and remove the cover.



ENGINE COMPARTMENT FUSEBOX – OPTIONAL WIRING MODULE

To gain access to the fuse fig. 289 - fig. 290 - fig. 291, remove the protective cover fig. 288.



Proceed as follows:

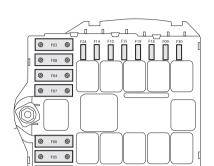
☐ fully tighten the captive screw using the dedicated Phillips screwdriver provided;

- □ 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);
- □ closure is indicated by the inset of the entire screw head in its housing.

Engine compartment fusebox















F1A0216



Wired module

289

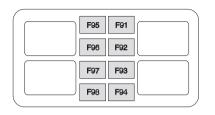
(2.2 120 HP / 140 HP / 160 HP / 180 HP H3-Power with AdBlue $^{\scriptsize (B)}$)





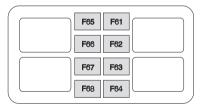






290 F1A0458-1

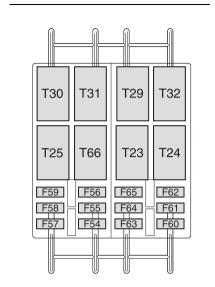
Optional wired module



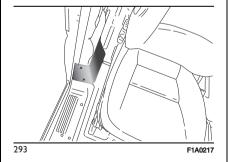
291 F1A0455-1

RIGHT CENTRAL PILLAR OPTIONAL FUSEBOX

(for versions/markets, where provided) To gain access to the fusebox fig. 292, remove the protective cover fig. 293.



292 F1A0218





WARNING

188) 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.

189) 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.

190) If the replaced fuse blows again, contact a Fiat Dealership.

191) Contact Fiat Dealership if a safety system (airbags, brakes), engine system (engine, transmission) or steering system general protection fuse blows.

192) For fuse replacement, contact a Fiat Dealership.



IMPORTANT

78) Never replace a faulty fuse with metal wires or anything else.

Dashboard fusebox

| Protected device | Fuse | Ampere |
|--|------|--------|
| Internal light relay | F31 | 5 |
| Battery monitoring sensor for Start&Stop versions (+battery) | F33 | 7.5 |
| Minibus interior lights (emergency) | F34 | 7.5 |
| Radio, Climate control system, Alarm, Tachograph, Battery disconnecting control unit, Current stabiliser for radio setup (S&S), TBM (+battery) | F36 | 15 |
| Instrument panel, Front radar, Central control panel (+key) | F37 | 7.5 |
| Door lock (+battery) | F38 | 20 |
| Windscreen wiper (+key) | F43 | 20 |
| Driver's side electric window | F47 | 20 |
| Passenger side electric window | F48 | 20 |
| Aftermarket radio, Steering wheel controls, Battery disconnector control unit, Tow hook, Rain Sensor, Current stabiliser (S&S), ELS, Auxiliary panel, Blind Spot Detection, Self-levelling suspensions (+key) | F49 | 5 |
| Park sensor control unit, automatic transmission control unit, Automatic transmission lever, Electric window control panel, Front camera, DRVM, Tachograph, Wireless charger, Central and side panel, Headlight alignment corrector, TPMS (+key) | F51 | 5 |
| Instrument panel (+battery) | F53 | 7.5 |
| Not used | F94 | _ |













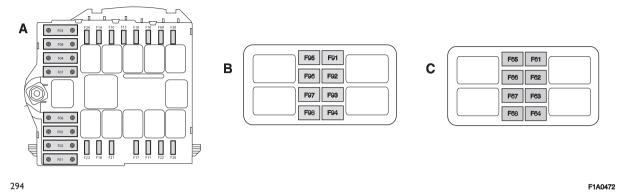








2.2 120 HP - 140 HP - 160 HP - 180 HP H3-Power versions with AdBlue $^{\circledR}$



A: Engine compartment fusebox - B: Wired module - C: Optional wired module

| Protected device | Fuse | Ampere |
|--|------|--------|
| Engine cooling high speed fan (+battery) | F06 | 40/60 |
| Engine cooling low speed fan (+battery) | F07 | 40/50 |
| Passenger compartment fan (+key) | F08 | 40 |
| Rear power socket (+battery) | F09 | 15 |
| Horn | F10 | 15 |
| Power socket (+battery) | F14 | 15 |
| Cigar lighter (+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 |
| Webasto control unit | F61 | 30 |
| Passenger compartment fan with Webasto | F62 | 20 |
| Trailer hook socket | F63 | 20 |
| Trailer control unit | F65 | 15 |
| Trailer control unit | F66 | 15 |
| Trailer hook socket | F67 | 20 |
| Empty | F91 | Empty |
| Empty | F92 | Empty |
| Self-levelling suspension | F93 | 7.5 |
| 220V inverter | F94 | 25 |
| SCR UREA (Urea control module) | F95 | 15 |
| SCR UREA (Urea sensors) | F96 | 20 |
| Automatic transmission control unit | F97 | 15 |
| Automatic transmission lever | F98 | 5 |













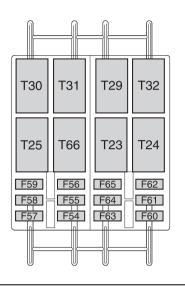








Right central pillar optional fusebox



295 **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 |





















CHANGING A WHEEL

GENERAL INSTRUCTIONS

Wheel replacement and correct use of the jack and spare wheel (for versions/markets, where provided) call for some precautions, which are listed below.



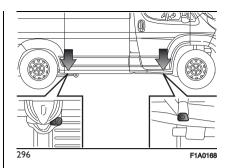
Please note that:

- ☐ the jack weight is 4.5 kg:
- the jack requires no adjustment;
- ☐ the jack cannot be repaired: in the event of a fault it must be replaced by another original one;
- ☐ no tool other than its cranking device may be fitted on the jack.



To change a wheel, proceed as follows:

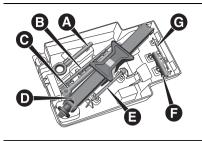
- □ stop the vehicle in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground must be flat and sufficiently compact;
- □ stop the engine and engage the parking brake;



- engage first gear or reverse;
- ☐ put on the reflective safety jacket (compulsory by law in certain countries) before getting out of the vehicle;
- ☐ indicate that the vehicle has broken down using the devices required by the law in the current country (e.g. warning triangle, hazard lights, etc.);
- ☐ in the event of a wheel change on a slope or on unsurfaced roads, put any object as stop under the wheels;
- ☐ take the tool bag from under the passenger seat.

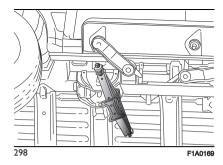
The container includes these tools:

- (A) tow hook
- (B) rod for spanner
- (C) bolt spanner
- (D) jack
- (E) extension for spanner
- (F) screwdriver grip
- (G) screwdriver bit



297 F1A0420

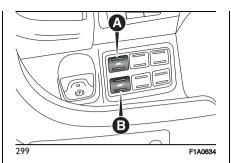
- ☐ if the tool container is not provided, for special trim versions, a bag containing the above tools may be provided:
- ☐ for versions with alloy rims, remove the press-fitted hub cap;
- □ take the extension for spanner, the bolt spanner and the rod for spanner from the tool container;
- with the tools assembled correctly, loosen the fixing bolts for the wheel to be changed by one turn;
- ☐ turn the ring nut to partly extend the iack:
- ☐ position the jack at the lifting support nearest the wheel to be replaced, at the points shown in fig. 296. For short wheelbase versions with retractable footboard, the jack must be positioned at the lift point shown in fig. 298 aligned (45°) so that it does not interfere with the retractable footboard;



- warn anybody nearby that the vehicle is about to be lifted. They must stay clear and not touch the vehicle until it is back on the ground.
- ☐ for versions equipped with selflevelling pneumatic suspension, before using the jack to raise the vehicle, press the buttons (A) and (B) fig. 299 simultaneously for at least 5 seconds. The operating mode for raising the vehicle is activated: the LEDs on the buttons come on constantly.

To exit this mode, press buttons (A) and (B) simultaneously for another 5 seconds; both LEDs on the buttons will go out and full system operation will be restored. This mode deactivates automatically when the speed of approx. 5 km/h is exceeded.

199)

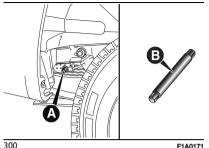


□ lift the vehicle.

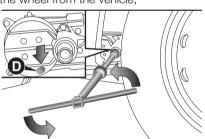
After lifting the vehicle:

- for all versions, access the rear right wheel arch, operate the screw (A) fig. 300 on the spare wheel retaining device, using the supplied wrench assembled correctly with the dedicated extension (B) fig. 300;
- ☐ turn the tool anticlockwise fig. 301 to allow the spare wheel to descend:
- □ continue turning anticlockwise until the stop point, indicated by the stiffening of the manoeuvre or a click from the clutch present in the device;

200) 201)



after unwinding the whole cable of the spare wheel lifting device, remove the wheel from the vehicle:



301

undo the retaining knob (D) fig. 302 and free the wheel by sliding out the support (E);



F1A0171

F1A0421













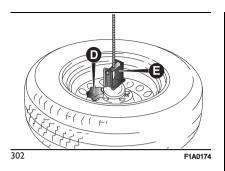




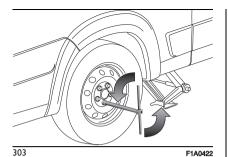






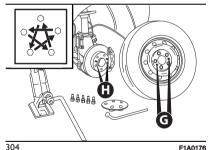


- m with the tools assembled, undo the bolts fig. 303 fully and remove the wheel:
- fit the spare wheel, lining up the holes (G) fig. 304 with the corresponding pins H. While fitting the spare wheel, make sure that the mating surfaces are clean and free of impurities that could later cause the fixing bolts to come loose:
- screw in the 5 fastening bolts; assemble the tools to tighten the bolts fully, passing alternately from one bolt to the diagonally opposite one, following the scheme shown in fig. 304; □ use the wheel removal wrench to lower the vehicle and remove the jack.



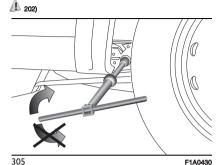
At the end of the operation:

□ take the replaced wheel, reattach it to the support (E) fig. 302 and tighten the knob (D);



□ introduce the assembly tool fig. 301 provided with the suitable extension (B) fig. 300 on the screw (A) fig. 300 of the spare wheel housing manoeuvring device and turn clockwise to lift the spare wheel back up until it is fully

supported in its housing beneath the floor pan (D) fig. 301.



For vehicles with alloy rims, proceed as follows:

- acarry out the above described operations for changing the wheel until loading the punctured wheel on the spare wheel lifting device;
- Take the kit from the tool bag, located in the glove compartment:
- ☐ the kit includes one bracket, three special screws and one Allen spanner. 10 size:
- ago to the rear side of the vehicle where the spare wheel is located: make sure that all of the cable for the spare wheel lifting device has been unrolled, grip the bell and position it inside the circular bracket fig. 306;

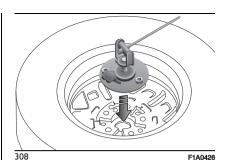


☐ tighten the knob onto the screw to secure the bracket fig. 307;



307 F1A0425

rest the bracket on the inside of the alloy rim fig. 308;



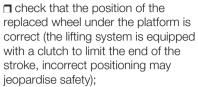
□ use the Allen key to tighten the three special screws on the nuts of the bracket fig. 309 and secure the rim;



309 F1A0385

☐ introduce the assembly tool fig. 301 provided with the suitable extension (B) fig. 300 on the screw (A) fig. 300 of the spare wheel housing manoeuvring device and turn clockwise to lift the spare wheel back up until it is fully supported in its housing beneath the floor, checking that the coupling

confirmation reference (D) fig. 301 appears on the device;



□ place the removal tools back in the tool bag / compartment;

 $\hfill \square$ place the tool box / compartment in its housing under the passenger seat.













WARNING

193) Use your hazard lights, warning triangle, etc to show that your vehicle is stationary. Passengers should get out of the vehicle, particularly if it is heavily loaded, and wait for the wheel to be changed away from the traffic. Engage the parking brake. In the event of a wheel change on a slope or on unsurfaced roads, put any object as stop under the wheels.

194) The spare wheel supplied (for versions/markets, where provided) is specific for your vehicle. Therefore, it must not be used on other models. Do not use spare wheels of other models on your vehicle. The wheel bolts are specific for your vehicle: do not use them on different models and do not use bolts from other models on your vehicle.











195) Repair and refit the standard wheel as soon as possible. Do not apply grease to the bolt threads before fitting: they could come unscrewed.

196) Use the jack only to replace wheels on the vehicle with which it is supplied or on other cars of the same model. Never use the jack for other purposes, such as lifting other vehicle models. Never use the jack to carry out repairs under the vehicle. Incorrect positioning of the jack may cause the lifted vehicle to fall. Do not use the jack for loads higher than the one shown on its label.

197) Never tamper with the inflation valve. Never introduce tools of any kind between rim and tyre. Check tyre and spare wheel pressure regularly, referring to the values shown in the "Technical specifications" section.

198) No tools other than the crank provided should be used with the spare wheel lifting device; it should be operated by hand only.

199) On versions equipped with self-levelling air suspension, never introduce the head or hands in the wheel arch. The vehicle could raise or lower automatically depending on possible load or temperature changes.

200) The device should only be operated by hand, without using any type of tool other than the crank provided like pneumatic or electrical screwdrivers.

201) The moving components of the jack (screws and joints) can also cause injuries: avoid touching them. If you come into contact with lubricating grease, clean yourself thoroughly.

202) At the end of the operation of raising/locking the spare wheel, after having checked the correct positioning of the wheel under the platform (yellow notch inside the window on the device), the spanner must be extracted, taking care not to turn it in the wrong direction (as in fig. 305) to facilitate the extraction of the spanner itself, to prevent the attachment device from being released and the wheel assembly not being securely retained.

203) Each time the spare wheel is moved.

check that it is correctly positioned in its housing under the platform. If it is not correctly positioned, this could adversely affect safety.

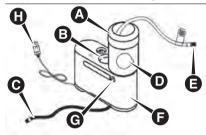
204) The spare wheel lifting device is equipped with a clutch safety system for its own protection; this could activated if an excessive load is applied on the manoeuvring screw.

FIX&GO AUTOMATIC QUICK TYRE REPAIR KIT

(for versions/markets, where provided)

1 205) 206) 207) A 79) 80) 4)

The Fix&Go tyre repair kit is located at the front of the vehicle passenger compartment and includes fig. 310:



310 F1A0743

□ 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:

□ a compressor (F) provided with an electrical connector (H);

□ a pair of protective gloves located in the spray can compartment.

REPAIR PROCEDURE

Proceed as follows:

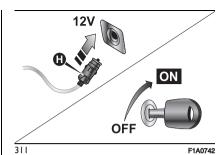
□ stop the vehicle in a position that is not dangerous for oncoming traffic where you can change the wheel; □ stop the engine, apply the parking brake and engage 1st or reverse gear; □ before getting out of the vehicle, put on the reflective safety jacket (if required by the regulations in force). In any case, follow the road safety laws in force in the country where you are driving:

□ insert the sealant cartridge (A) into the corresponding compressor compartment (F) and press it down hard until you feel the locking mechanism click. Detach the speed limit sticker (D) and apply it in a clearly visible position:

☐ 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.



☐ insert the electrical connector (H) fig. 311 in the 12 V power socket of the vehicle and start the engine;

□ operate the compressor by pressing the ON/OFF button (ON position) fig. 310. When the pressure gauge reads the pressure (B) shown in the "Wheels" paragraph in the "Technical data" chapter, 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. 310 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. 310 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 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 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 Dealership.

























205) Comply with the local law in the event of a puncture.

206) 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. **207)** 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

79) The sealant fluid is effective with external temperatures from -40°C to +50°C. The sealant fluid has an expiry date and must be replaced periodically. It is possible to repair tyres with damage on the tread up to a maximum diameter of 6 mm. Show the cartridge and the label to the personnel who will handle the tyre treated with the repair kit.

80) Check the tyre pressure on the pressure gauge with the compressor off to obtain a more precise reading.



IMPORTANT

4) Dispose of the bottle and the sealant liquid properly. Have them disposed of in compliance with national and local regulations.

JUMP STARTING

Go to a Fiat Dealership immediately if warning light nomes on steady on the instrument panel.

JUMP STARTING

If the battery is flat, it is possible to start the engine using an auxiliary battery with the same capacity or a little higher than the flat one.

It is advisable to contact a Fiat Dealership to check/replace the battery.

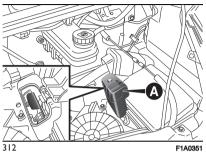
208)

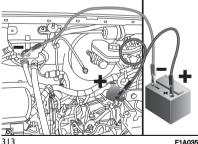
Proceed as follows to start the car:

- □ lift the flap (A) fig. 312 to access the positive battery terminal connection.
- connect the positive terminals (+ mark near the terminal) of the two batteries using a suitable lead;
- use a second lead to connect the negative terminal (-) of the auxiliary battery to the earth point as shown in fig. 313;

start the engine;

¬ when the engine has been started. remove the cables reversing the order above.





F1A0352

If after a few attempts the engine does not start, do not persist but contact the nearest Fiat Dealership.

WARNING Do not directly connect the negative terminals of the two batteries: sparks could ignite explosive gas released from the battery. If the auxiliary battery is installed on another vehicle, avoid any metal parts on the latter and the vehicle with the flat battery from accidentally coming into contact.

BUMP STARTING

Never bump start the motor by pushina, towina or drivina downhill. This could cause fuel to flow into the catalytic converter and damage it beyond repair.



WARNING

208) This starting procedure must be performed by expert personnel because incorrect actions could cause electrical discharge of considerable intensity. Furthermore, battery fluid is poisonous and corrosive: avoid contact with skin and eves. Keep naked flames and lighted cigarettes away from the battery and do not cause sparks.

RECHARGING THE **BATTERY**

WARNING The battery recharging procedure is given as information only. To carry out this operation contact a Fiat Dealership.

WARNING After setting the ignition device to STOP and having closed the driver side door, wait at least one minute before disconnecting the electrical supply from the battery. When reconnecting the electrical supply to the battery, make sure that the ignition device is in the STOP position and the driver side door is closed.

WARNING Charging should be slow at a low ampere rating for approximately 24 hours. Charging for a longer time may damage the battery.

WARNING The cables of the electrical system must be correctly reconnected to the battery, i.e. the positive cable (+) to the positive terminal and the negative cable (-) to the negative terminal. The battery terminals are marked with the positive (+) and negative (-) symbols, and are shown on the battery cover. The battery terminals must also be corrosion-free and firmly secured to the terminals. If a "quicktype" battery charger is used with the battery fitted on the vehicle, disconnect both battery leads before connecting it.Do not use a "quick-type" battery charger to provide the starting voltage.























209) 210)

VERSIONS WITHOUT START&STOP SYSTEM

To recharge, proceed as follows:

□ disconnect the terminal from the negative battery pole:

connect the charger cables to the battery terminals, observing the polarity:

turn on the battery charger;

■ when it is recharged, turn the charger off before disconnecting it from the battery:

reconnect the terminal to the negative battery pole.

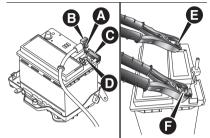
VERSIONS WITH START&STOP SYSTEM

To recharge, proceed as follows: □ disconnect the connector (A) (pressing the button (B)) from the sensor (C) monitoring the battery conditions, on the negative pole (D) of the battery:

connect the positive cable of the battery charger to the positive battery terminal (E) and the negative cable (F) to sensor terminal as shown in fig. 314: ☐ turn on the charger;

☐ at the end of the charging process, switch the battery charger off;

 $\ \square$ after having disconnected the battery charger, reconnect connector (A) to the sensor (C) as shown fig. 314.



MARNING

314

209) Battery fluid is poisonous and corrosive: avoid contact with your skin and eyes. The battery should be charged in a well ventilated place, away from naked flames or possible sources of sparks: danger of explosion and fire.

210) Do not attempt to recharge a frozen battery: first it must be thawed, otherwise there is a risk of explosion. If freezing has occurred, the battery should be checked by specialised technicians to make sure that the internal elements are not damaged and that the body is not cracked, with the risk of leaking poisonous and corrosive acid.

ADDITIONAL HEATER FUEL CUT-OFF SWITCH

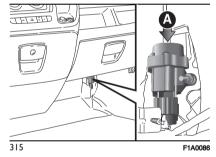
The vehicle is fitted with a safety switch that trips to cut off the fuel supply to the additional heater in the event of a collision.

1 211) 212)

F1A0219

Reactivating the additional heater fuel cut-off switch

Press the button to reactivate the fuel cut-off switch of the additional heater (A) fig. 315.



WARNING

211) If, after a crash, you smell fuel or notice leaks from the fuel supply system, do not reset the switch to avoid fire risk.
212) Before reactivating the fuel cut-off switch, carefully check for fuel leaks or

damage to the vehicle electrical devices (e.g. headlights).

FUEL CUT-OFF SYSTEM

This intervenes in the case of a collision causing:

☐ the interruption of the fuel supply with the engine consequently cutting out; automatic unlocking of the doors;

□ turning on of the lights inside the vehicle; deactivation of climate control system ventilation;

□ switching on the emergency lights (to disable the lights, run the "reset" procedure as shown below).

On some versions, the intervention of the system is indicated by a message shown on the display. In the same way, a dedicated message on the display warns the driver if system operation is compromised.

WARNING Check carefully for fuel leaks, for instance in the engine compartment, under the vehicle or near the tank area.

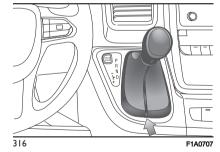
After a collision, bring the ignition device to STOP to prevent the battery from running down.

Reset procedure In case of a minor collision, simply turn the key to STOP and then restart. In the event of a major collision, you must call for assistance, as restarting the vehicle is not possible.

AUTOMATIC TRANSMISSION GEAR LEVER RELEASE

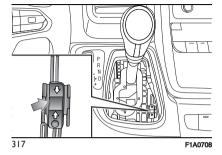
In the event of a failure, to move the gear lever from P (Park), proceed as follows:

- r switch off the engine:
- negage the parking brake;
- working carefully in the point indicated by the arrow, fig. 316, remove the gaiter lifting it upwards;



- depress the brake pedal and keep it fully depressed:
- ☐ insert the supplied screwdriver perpendicular into the release hole

in the rear right corner of the gear selector unit (fig. 317) and press the release lever and the button on the knob at the same time:



- move the gear lever to N (Neutral);
- refit the gear lever gaiter correctly;
- start the engine.

IGNITION KEY EMERGENCY REMOVAL

(versions with automatic transmission) A 81)

The ignition key (for versions with key without remote control) can be removed only if the gear lever is in position P (Park).

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

Follow these steps to extract the key fob manually:

engage a gear and the parking brake: using the key (A) fig. 318 provided (located in the container with the handbook), undo the fixing screws (B) fig. 319 of the lower trim;





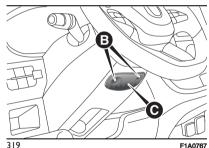


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318







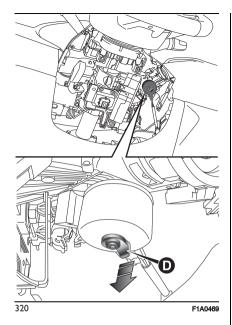


remove the lower steering column trim (C) fig. 319 releasing it from its housina:

pull tab (D) fig. 320 downwards using one hand and with the other one remove the key, sliding it outwards:







□ once the key has been removed, refit the lower trim (C) fig. 319, make sure it locks correctly and fully tighten the fixing screws (B).



IMPORTANT

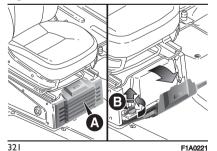
81) It is advisable to contact a Fiat Dealership to have the refitting procedure carried out. If you would like to proceed autonomously, special attention must be paid to the correct coupling of the retaining clips. Otherwise, noise might be heard due to an incorrect fastening of the lower cover with the upper cover.

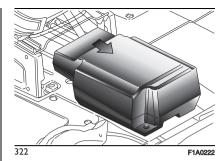
TOWING THE VEHICLE

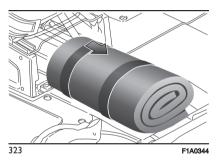
⚠ 219, 214, 215, 216, 217, 218, 219, 220, 221)

The vehicle is equipped with two rings for attaching the tow hook.

The front ring is located in the tool box beneath the passenger side seat. On versions with Fix&Go kit and without spare wheel, the tool box is available only on request for versions/markets where provided. In the absence of the tool box the vehicle front tow hook is housed in the on-board documentation container, together with the Owner Handbook.





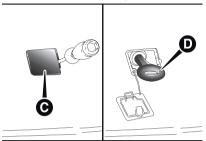


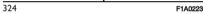
To use it, proceed as follows:

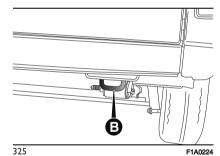
- ☐ Open the flap (A) and remove it as shown in fig. 321;
- ☐ turn the lock knob (B) fig. 321 anticlockwise and remove it to allow the compartment fig. 322 to be removed:
- □ take the screwdriver provided from the box and prise up at the point shown to raise the cap (C) fig. 324;

□ take the tow ring (D) from the box and screw onto the threaded pin fig. 324.

The rear ring (B) fig. 325 is located at the point shown in the figure.







VERSIONS WITH AUTOMATIC TRANSMISSION

Vehicles with AT9 automatic transmission cannot be towed.



WARNING

- **213)** Screw on the tow ring and check that it stops at the end of travel position.
- 214) Before towing, switch off the steering lock (see the "Ignition device" chapter in the "Knowing your vehicle" section).
- 215) 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.
- **216)** 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.
- 217) 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.
- **218)** Do not start the engine whilst the vehicle is being towed.
- **219)** Towing must be made exclusively on roads/streets; the device must not be used to recover the vehicle if it got off the road.
- **220)** 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).
- **221)** 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.





















SERVICING AND MAINTENANCE

Correct maintenance permits the performance of the vehicle to be maintained over time, as well as limited running costs and safeguarding the efficiency of the safety systems. This chapter explains how.

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SCHEDULED SERVICING

Correct servicing is crucial for guaranteeing a long life for the vehicle under the best conditions.

For this reason, Fiat Professional has planned a series of checks and services at fixed distance and/or time intervals, as described in the Service Schedule.

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. It may sometimes be appropriate to reduce the frequency of some of the operations described in the service schedule, in particular:

☐ carrying out the additional checks suggested below to ensure the optimal state of efficiency of the vehicle; ☐ in case of heavy use conditions (the main ones described below, e.g. towing trailers).

WARNING The scheduled service deadlines are set out by the Manufacturer. Failure to have them carried out may invalidate the New Vehicle Limited Warranty. We advise sharing any doubts regarding the proper operation of the vehicle with

your Fiat Professional Dealership, before waiting for the next scheduled service deadline.

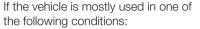
PERIODIC CHECKS

Every 1000 km or before long journeys, check and, if necessary, top up:

- ☐ engine coolant level:
- brake fluid level;
- □ AdBlue[®] (UREA) Diesel emissions additive (for versions/markets, where provided):
- ¬ 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.

Check engine oil level and top up every 3000 kilometres, if required.

DEMANDING VEHICLE USE



- dusty roads:
- ☐ short, repeated journeys (less than 7-8 km) at sub-zero outside temperatures;
- ☐ engine often idling or driving long distances at low speeds or long periods of inactivity;
- the following checks must be carried out more often than may be indicated in the Service Schedule:
- ☐ check front disc brake pad condition and wear;
- ☐ check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage;
- □ visually inspect conditions of: engine, transmission, transmission, pipes and hoses (exhaust/fuel system/brakes) and rubber elements (gaiters/sleeves/bushes, etc.);
- check battery charge and battery fluid level (electrolyte);
- □ visually inspect conditions of the accessory drive belts;
- ☐ check and, if necessary, change engine oil and replace oil filter;
- ☐ check and, if necessary, replace passenger compartment filter.























SERVICE SCHEDULE

| Thousands of miles | 30 | 60 | 90 | 120 | 150 |
|---|----|----|-----|-----|-----|
| Thousands of kilometres | 48 | 96 | 144 | 192 | 240 |
| Years | 2 | 4 | 6 | 8 | 10 |
| Check battery charge status and possibly recharge | • | • | • | • | • |
| Check tyre condition/wear and adjust pressure, if necessary; check the expiry date of the "Fix&Go Automatic" repair kit (for versions/markets, where provided) | • | • | • | • | • |
| Check operation of lighting system (headlights, direction indicators, hazard warning lights, boot, passenger compartment, glove compartment, instrument panel warning lights, etc.) | • | • | • | • | • |
| Check operation of the windscreen wiper/washer system and adjust nozzles, if necessary | • | • | • | • | • |
| Check windscreen/rear window wiper blade position/wear (for markets/versions, where provided) | • | • | • | • | • |
| Check cleanliness of bonnet and boot locks, cleanliness and lubrication of linkage | • | • | • | • | • |
| Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.) | • | • | • | • | • |
| Check condition and wear of front disc brake pads and operation of pad wear indicator | • | • | • | • | • |
| Check 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 (1) | • | • | • | • | • |
| Visually inspect the condition and tensioning of the accessory drive belt(s) | | • | | • | |

| Thousands of miles | 30 | 60 | 90 | 120 | 150 |
|--|-----|----|-----|-----|-----|
| Thousands of kilometres | 48 | 96 | 144 | 192 | 240 |
| Years | 2 | 4 | 6 | 8 | 10 |
| Inspect the conditions of toothed timing drive belt | | • | | • | |
| Check parking brake lever travel and adjust, if necessary | • | • | • | • | • |
| Check exhaust emissions/smokiness | • | • | • | • | • |
| Use the diagnosis socket to check fuel/engine management system operation and engine oil decay (the latter for versions/markets, where provided) | • | • | • | • | • |
| Check cleanliness of sliding side door lower guides for versions with S.S.D. | • | • | • | • | • |
| Replace fuel filter cartridge | • | • | • | • | • |
| Replace accessory drive belt/s | (6) | | | | |
| Replace toothed timing drive belt | (6) | | | | |
| Replace the air cleaner cartridge (2) (3) | • | • | • | • | • |
| Change engine oil and replace oil filter | | | (4) | | |
| Change the brake fluid | | | (5) | | |
| Replace the passenger compartment filter | • | • | • | • | • |



















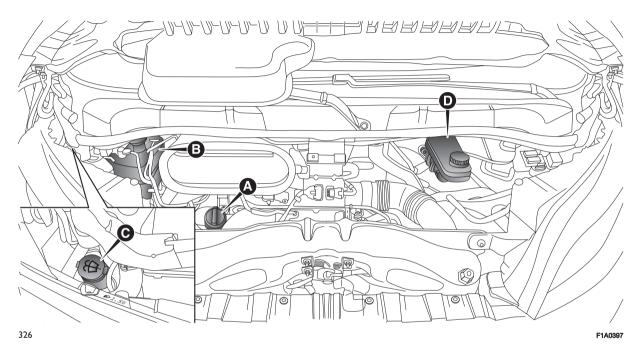


| Thousands of miles | 30 | 60 | 90 | 120 | 150 |
|--------------------------------------|-----|----|-----|-----|-----|
| Thousands of kilometres | 48 | 96 | 144 | 192 | 240 |
| Years | 2 | 4 | 6 | 8 | 10 |
| Replace TBM battery (where provided) | (7) | | | | |

- (1) Only ever use the fluids shown in the handbook for topping up, and only after checking that the system is intact.
- (2) If the vehicle is equipped with an air cleaner specially for dusty areas: check and clean filter every 20,000 km, change filter every 40,000 km or change the air cleaner whenever the obstructed air cleaner indicator appears.
- (3) For versions with automatic transmission (AT9), If the vehicle is used in dusty areas, you are advised to change this filter every 24,000 km.
- (4) The actual interval for changing the oil and replacing the engine oil filter depends on the car usage conditions and is signalled by the warning light or message (if provided) on the instrument panel and must never exceed 24 months. Change engine oil and oil filter every 12 months if the vehicle is driven mainly in towns.
- (5) The brake fluid replacement has to be done every two years, regardless of the mileage.
 (6) The belt must be replaced every 5 years or 144,000 km. If the vehicle is used in heavy conditions (trailer towing, dusty roads, particularly harsh weather conditions, very low or very high temperatures for extended periods, urban driving, frequent/long periods of idling), the belt must be replaced every 3 years or no more than 60,000 km.
- (7) The system indicates when replacement of the TBM (Telematics Box Module) battery is necessary via a message on the relative display. Brake fluid is to be replaced every 5 years regardless of the distance travelled.

NOTE Change automatic transmission oil (AT9) and replace oil filter every 240,000 km.

CHECKING LEVELS





1 222) 223)

& 82)























WARNING

222) Never smoke while working in the engine compartment: inflammable gases and vapours may be present, constituting a fire risk.
223) 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.



IMPORTANT

82) 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.

ENGINE OIL



WARNING It is advisable to check the engine oil level indication before long journeys. The engine oil level is visible on the instrument panel display each time the engine is started.

Check on the display that the oil level is between the minimum and maximum level.

If the oil level indicator reaches the lower mark on the scale, add oil through the filler.

If the symbol and "insufficient engine oil level" indication appears on the display, add 0.2 ml of oil at a time and read again until the level reaches at least the minimum.

WARNING Make sure not to add too much engine oil when topping up. Engine oil in excess may damage the engine. Have your vehicle checked. Never exceed the MAX level when topping up engine oil. It is advisable to check the oil level in intermediate steps on the instrument panel display.

Oil level indication update on display

If a top-up is needed, proceed as follows to ensure correct indication of the oil level on the display:

Proceed as follows:

- □ with the vehicle on level ground, leave the engine running until it is warm (refer to the oil temperature panel) and then switch it off:
- wait for at least 6 minutes, turn the ignition switch to ON without starting the engine and wait for 20 seconds. Procedure for reading the engine oil level with the engine running and idling Proceed as follows:
- □ with the vehicle stationary, parked on level ground, leave the engine running until it is warm (refer to the oil temperature panel);
- ☐ idle the engine and wait at least 1 minute for the correct reading.

WARNING If the indication is not correct after the procedure, contact a Dealership.

Engine oil consumption

The maximum engine oil consumption is usually 400 grams every 1000 km. When the vehicle is new, the engine needs to be run in, therefore the engine oil consumption can only be

considered stabilised after the first 5.000–6.000 km.

ENGINE COOLANT

A 224)

& 84)

The coolant level must be checked when the engine is cold and must range between the MIN and MAX marks on the reservoir.

If the level is to low, operate as follows: to access the reservoir filler, remove the plastic cover (A) fig. 327 by turning the locking screws (B) anticlockwise;

□ slowly pour through the filler (B) - fig. 326 - the reservoir a mixture of 50% demineralised water and 50% PETRONAS LUBRICANTS PARAFLU^{UP} until the level is close to MAX.

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











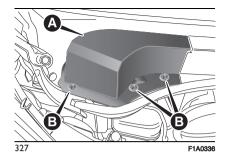












WINDSCREEN/REAR WINDOW WASHER FLUID

1 225) 226)

Proceed as follows to add liquid:

- \blacksquare remove the (C) fig. 326, pulling the retaining tooth outwards;
- □ pull the opening of the pipe upwards to extract the telescopic funnel fig. 328.

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. 328before opening it. Otherwise, turn it until it reaches the correct position.

Use a mixture of water and PETRONAS DURANCE SC 35, in the following concentrations: 30% PETRONAS DURANCE SC 35 and 70% water in

winter or 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.

A 227)

BRAKE FLUID

A 228) 229)

85)

Undo the cap (D) - fig. 326: 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").

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

224) The cooling system is pressurised. If necessary, only replace the plug with another original or the operation of the system may be adversely affected. Do not

remove the reservoir plug when the engine is hot: vou risk scalding vourself.

225) Do not travel with the windscreen washer fluid reservoir empty: the windscreen washer is essential for improving visibility.

226) Some commercial windscreen washer additives are flammable. The engine compartment contains hot parts which could start a fire if they come into contact.

227) Do not release the cap from the extension without previously extracting the system using the ring.

228) 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.

229) The symbol (10), 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

83) Used engine oil and replaced oil filters contain substances which are harmful to the environment. To change oil and filters. we advise you to contact a Fiat Dealership. 84) PARAFLUUP 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.

85) Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should it happen, immediately wash with water.

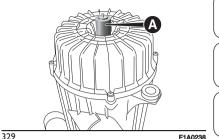
ΔIR **CLEANER/POLLEN FILTER**

Have the air cleaner replaced by a Fiat Dealership.

AIR CLEANER - DUSTY ROADS

(for versions/markets, where provided) The air cleaner for dusty areas. except for versions with automatic transmission, is equipped with a visual filter clogging indicator device (A) fig. 329.

Check the reading of the blockage sensor at intervals (Refer to the "Service Schedule" in the "Maintenance and care" section).

















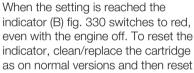




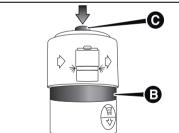








the indicator by pressing the button (C) fig. 330.



330

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WARNING To blow the filter use an air jet, do not use water or liquid detergents. Since this cleaner is specific to versions designed for dusty areas, it

is advisable to contact a Fiat Dealership to change the cleaner.

BATTERY

The battery is "limited maintenance" type: under normal conditions of use, the electrolyte does not need topping up with distilled water. It does, however, need to be checked periodically at a Fiat Dealership or by specialist personnel to make sure it is working correctly.

The battery is located inside the passenger compartment, in front of the pedals. Remove the protective cover to gain access to it.

230) 231)

REPLACING THE BATTERY

If required, replace the battery with an original spare part with the same specifications.

If a battery with different specifications is fitted, the service intervals given in the "Service Schedule" will no longer be valid.

Follow the battery manufacturer's instructions for maintenance.

232) 233)

& 86) 87)

5)

USEFUL ADVICE FOR EXTENDING THE LIFE OF YOUR BATTERY

To avoid draining your battery and make it last longer, observe the following instructions:

- □ when you park the vehicle, ensure that the doors, tailgate and bonnet are closed properly, to prevent any 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 when the engine is not running;
- □ before carrying out any operation on the electrical system, disconnect the negative battery cable through the suitable terminal:
 - For versions with Start&Stop system: the procedure must be performed by disconnecting the connector (A) (pressing the button (B)) from the sensor (C) monitoring the battery conditions, on the negative pole (D) of the battery fig. 314.

• For versions without Start&Stop system: disconnect the negative terminal from the battery terminal. If the vehicle is equipped with a battery disconnection function (disconnector), see the description of the procedure in the "Battery disconnection function" chapter.

□ completely tighten the battery terminals.

WARNING After turning the ignition key to STOP and having closed the driver side door, wait at least one minute before disconnecting the electrical supply from the battery. When reconnecting the electrical supply to the battery, make sure that the ignition key is in the STOP position and the driver's door is closed.

WARNING If the charge level remains under 50% for a long time, the battery is damaged by sulphation, reducing its capacity and efficiency at start-up. The battery is also more prone to the risk of freezing (at temperatures as high as -10°C). Refer to the paragraph "Car inactivity" in "Starting and driving" 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 battery.

WARNING If a tachograph is fitted, if the vehicle is parked for a long period of 5 days, it is advisable to disconnect the negative battery terminal to maintain its charge. If the vehicle is equipped with a battery disconnection function (disconnector), see the description of the procedure in the "Controls" paragraph in the "Dashboard and controls" section.



WARNING

230) 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.

231) Using the battery with insufficient battery fluid may irreparably damage the battery and may cause an explosion.

232) Before performing any operation on the electrical system, disconnect the negative battery cable through the suitable terminal, after having waited at least one minute from turning the ignition key to STOP.

233) Always wear appropriate goggles to protect your eyes when working on or near the conventional battery.



IMPORTANT

86) Incorrect installation of electric and electronic devices may cause severe damage to your vehicle. After purchasing your vehicle, if you wish to install any accessories (anti-theft, radio phone, etc.), go to a Fiat Dealership, which will suggest the most suitable devices and advise you whether a higher capacity battery needs to be installed.

87) If the vehicle will be unused for an extended period of time in extremely cold weather conditions, remove the battery and store it in a heated area to prevent it from freezing.



IMPORTANT

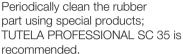
5) Batteries contain substances which are very harmful for the environment. You are recommended to go to a Fiat Dealership to have the battery replaced where the old battery will be disposed of respecting both the environment and the laws in force.

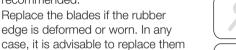


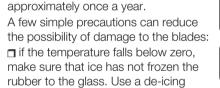
WINDSCREEN WIPER



WIPER BLADES









product to release it if required;

do not operate the windscreen and rear window wipers on dry glass.



234)



Proceed as follows:











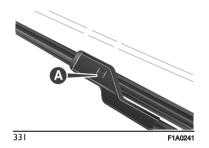








- ☐ raise the wiper arm, press tab (A) fig. 331 of the attachment spring and remove the blade from the arm;
- ☐ fit the new blade, inserting the tab into the special slot in the arm, making sure that it is locked;
- □ lower the wiper arm onto the windscreen.



NOZZLES

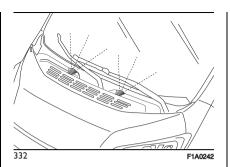
Windscreen (washer) fig. 332

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 dipped beams on.



WARNING

234) Driving with worn windscreen wiper blades is a serious hazard, because visibility is reduced in bad weather conditions.

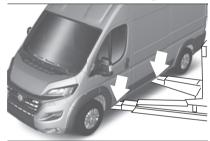


IMPORTANT

88) 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. 333.



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WHEELS AND TYRES

Check the pressure of each tyre including the spare wheel, approximately every two weeks and before long journeys: the pressure should be checked with the tyre rested and cold

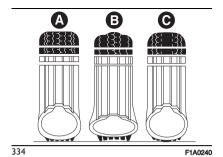
It is normal for the pressure to increase when the vehicle is used: for the correct tyre inflation pressure, see the "Wheels" chapter in the "Technical Specifications" section.

Incorrect pressure causes abnormal tyre wear fig. 334:

- ☐ 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.

4 235) 236) 237) 238)



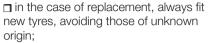
WARNINGS

☐ 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 verv carefully:



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















WARNING

rim, together with the valve.

235) Remember that the road holding qualities of your vehicle also depend on the correct inflation pressure of the tyres.

236) If tyre pressure is too low, the tyre may overheat and be severely damaged as a result.

237) Do not switch tyres from the right-hand side of the vehicle to the left-hand side, and vice versa.

238) Do not repaint alloy wheel rims at temperatures higher than 150°C. The









mechanical features of the wheels could be compromised.

SNOW TYRES

A Fiat Dealership will be happy to provide advice concerning the most suitable type of tyre for the customer's requirements.

The performance of these tyres is considerably reduced when the tread depth is less than 4 mm. Replace them in this case.

Due to the specific characteristics of snow tyres, in normal weather conditions or on long motorway journeys, the performance of these tyres is lower than that of standard tyres. Their usage should therefore be restricted in accordance with their type approval.

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 snow 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.

239)



WARNING

239) 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.



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

89) 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.

The abrasive action of wind-borne atmospheric dust and sand, as well as mud and gravel raised by other cars is also not to be underestimated.

On your vehicle, Fiat has implemented the best manufacturing technologies to effectively protect the bodywork against corrosion.

These include:

- □ painting products and systems which give the vehicle particular resistance to corrosion and abrasion:
- □ use of galvanised (or pre-treated) steel sheets, with high resistance to corrosion:
- □ spraying the underbody, engine compartment, wheelhouse internal parts and other parts with highly protective wax products;
- □ spraying of plastic parts, with a protective function in the more exposed points: underdoor, inner wing, edges, etc.;

use of "open" boxed sections to prevent condensation and pockets of moisture from triggering rust inside.

VEHICLE BODY AND UNDERBODY WARRANTY

Your vehicle is covered by warranty against perforation due to corrosion of any original element of the structure or body.

For the general terms of this warranty, refer to the Warranty Booklet.

ADVICE FOR PRESERVING THE BODYWORK

Paintwork

90) 91)

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 iet 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.

Dry the less visible parts, such as the door frames, bonnet and the headlight frames with special care, as in these areas water may stagnate more easily. It is a good idea to leave the vehicle outdoors for a while after washing it to give the water time to evaporate. Do not wash the vehicle after it has

Do not wash the vehicle after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork.

Exterior plastic parts should be cleaned in the same way as the rest of the vehicle. Where possible, do not park





















the vehicle under trees; the resinous substances released by many species give the paint a dull appearance and increase the possibility of corrosion.

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.



ENGINE COMPARTMENT WASHING



If the engine compartment is washed (at low pressure, e.g. in very dusty areas), this must be done with the engine cold and with ignition device turned to STOP. Take care not to direct the water jet straight at the electronic control modules or the wiper motors. Have this operation performed by a specialised workshop. After washing, check that the various protective components (e.g. rubber guards and caps) have not been removed or damaged.



IMPORTANT

90) Abrasive products and/or polishes should not be used for cleaning the vehicle. Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive. Avoid (if at all possible) parking the vehicle under trees: remove vegetable resins immediately as, when dried, it may only be possible to remove them with abrasive products and/or polishes, which is highly inadvisable as they could alter the typical characteristics of the paint. Do not use pure windscreen washer fluid for cleaning the front windscreen and rear window; dilute it min. 50% with water. Only use pure screen washer fluid when strictly necessary due to outside temperature

conditions. Do not use chemicals/acids to defrost windows/vehicle glass as they can damage the paint.

91) 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.

92) A high pressure jet cleaner should not be used for cleaning the engine compartment. The appropriate precautions have been taken to protect all parts and connections, but the pressures generated by these devices are so high that complete protection against water seepages cannot be guaranteed.



IMPORTANT

6) Detergents pollute the water. The vehicle should be washed in areas equipped for collecting and purifying the liquid used in the washing process.

INTERIOR

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.



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 Do not use alcohol, petrols or derivatives to clean the instrument panel glass.

LEATHER STEERING WHEEL/GEAR LEVER KNOB/PARKING BRAKE

(for versions/markets, where provided) These components must be cleaned with mild soap and water only. Never use alcohol or alcohol-based products. Read the product label carefully before using specific products for cleaning the interiors: make sure that the product does not contain spirits or alcoholbased substances.

If, when cleaning the windscreen with special products, window cleaner accidentally drips onto the leather of the steering wheel/gear lever knob/parking brake, wipe away immediately and then wash the affected area with mild soap and water.

WARNING Be careful when using a steering wheel lock device, where applicable, to avoid damaging the leather upholstery by rubbing.

WARNING

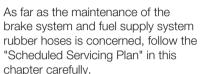
240) Never use flammable products, such as petroleum ether or modified petrol, to clean the inside of the vehicle. The electrostatic charges which are generated by rubbing during the cleaning operation mav cause a fire.

241) 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.





RUBBER HOSES





Ozone, high temperatures and prolonged lack of fluid in the system may cause hardening and cracking of the hoses, with possible leaks, Careful checking is therefore necessary.













TECHNICAL SPECIFICATIONS

Everything you may find useful for understanding how your vehicle is made and works is contained in this chapter and illustrated with data, tables and graphics. For the enthusiasts and the technician, but also just for those who want to know every detail of their vehicle.

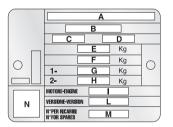
| IDENTIFICATION DATA | 277 |
|---------------------------|-----|
| ENGINE CODES - BODYWORK | |
| VERSION | 279 |
| ENGINE | 282 |
| POWER SUPPLY | 283 |
| TRANSMISSION | 284 |
| SUSPENSION | 285 |
| BRAKES | 286 |
| STEERING | 287 |
| WHEELS | 288 |
| DIMENSIONS | 294 |
| PERFORMANCE | 304 |
| WEIGHTS AND LOADS | 307 |
| REFUELLING | 310 |
| FLUIDS AND LUBRICANTS | 312 |
| FUEL CONSUMPTION AND | |
| CO ₂ EMISSIONS | 315 |
| PRESCRIPTIONS FOR | |
| HANDLING THE VEHICLE AT | |
| THE END OF ITS LIFE | 316 |

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



335 F1A0243

This plate is fitted to the engine compartment front crossmember and contains the following data fig. 335:

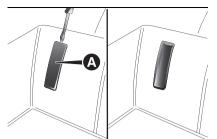
Name of manufacturer.

- Type-approval number.
- Vehicle type identification code.
- Chassis serial number.
- Maximum permitted weight of vehicle fully laden.
- Maximum permitted weight of vehicle fully laden plus trailer.
- Maximum permitted weight on first axle (front).
- Maximum permitted weight on second axle (rear).
- Engine type.
- Bodywork version code.
- Spare part number.
- Correct value of smoke coefficient (for diesel engines)

CHASSIS MARKING

They are located respectively: one on the passenger side interior wheel housing (A) fig. 336, the other on the lower part of the windscreen fig. 337. The marking includes:

- Type of vehicle:
- rachassis serial number.







F1A0244









F1A0365

(D)



BODYWORK PAINT IDENTIFICATION PLATE

This plate is fitted to the engine compartment front crossmember and contains the following identification data fig. 338:

- A Paint manufacturer
- B Colour name.

336

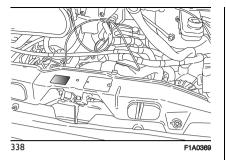
337

- C Fiat colour code.
- **D** Respray and touch up code.









MOTOR MARKING

It is stamped on the cylinder block and includes the type and the engine serial number.

ENGINE CODES - BODYWORK VERSION

| Model | Engine code |
|--|-------------|
| 2.2 120 HP H3-Power with AdBlue® | 46349131 |
| 2.2 140 HP H3-Power with AdBlue® | 46349131 |
| 2.2 160 HP H3-Power with AdBlue® | 46348913 |
| 2.2 180 HP H3-Power with AdBlue [®] | 46348913 |





















BODYWORK VERSIONS

There is an example of a bodywork version code below by way of explanation with a key which is valid for all bodywork version codes. Example:

250 A M M F A DX

250 MODEL

A GVW

M FNGINE

M ENGINE AXLES/TRANSMISSION

F BODYWORK

A WHEELBASE DX VERSION

GVW

LIGHT

\$ 2800 kg SHORT

0 3000 kg SHORT

1 3000 kg MEDIUM

2 3000 kg LONG

3 3000 kg STRETCHED

 \boldsymbol{M} 3000 kg MEDIUM / LONG

N 3000 kg ROLLING CHASSIS

4 3300 kg SHORT

5 3300 kg MEDIUM

6 3300 kg LONG

7 3300 kg STRETCHED

8 3300 kg ROLLING CHASSIS

 ${f K}$ 3300 kg MEDIUM / LONG

R

9 3500 kg / 3650 kg SHORT

 $\boldsymbol{\mathsf{A}}\ 3500\ \mathrm{kg}\ /\ 3650\ \mathrm{kg}\ \mathrm{MEDIUM}$

B 3500 kg / 3650 kg LONG

C 3500 kg / 3650 kg STRETCHED

D 3500 kg / 3650 kg ROLLING CHASSIS

 $\ensuremath{\textbf{L}}$ 3500 kg / 3650 kg MEDIUM / LONG

 ${f T}$ 3500 kg / 3650 kg XXL EXTRA LONG

HEAVY

9 3500 kg SHORT

A 3500 kg MEDIUM

B 3500 kg LONG

C 3500 kg STRETCHED

D 3500 kg ROLLING CHASSIS

m L 3500 kg MEDIUM / LONG

T 3500 kg XXL EXTRA LONG

 \mathbf{E} 4000 kg/4250 kg/4400 kg SHORT

 \mathbf{F} 4000 kg/4250 kg/4400 kg MEDIUM

G 4000 kg/4250 kg/4400 kg LONG

H 4000 kg/4250 kg/4400 kg STRETCHED

J 4000 kg/4250 kg/4400 kg ROLLING CHASSIS

P 4000 kg/4250 kg/4400 kg MEDIUM / LONG

Q 4000 kg/4250 kg/4400 kg LONG H3 **U** 4000 kg/4250 kg/4400 kg XXL EXTRA LONG

ENGINE

K F1A 2.2 103 kW 140 HP VGT EURO 4 C637

L F1A 2.2 103 kW 140 HP VGT EURO 5 C637

M 2.2 88 kW 120 HP VGT SCR EURO 6 D FINAL C637

N 2.2 103 kW 140 HP VGT SCR EURO 6 D FINAL C637

P 2.2 103 kW 140 HP VGT SCR EURO 6 D FINAL 948TE

Q 2.2 117 kW 160 HP VGT SCR EURO 6 D FINAL C546

R 2.2 117 kW 160 HP VGT SCR EURO 6 D FINAL 948TE

\$ 2.2 130 kW 180 HP VGT SCR EURO 6 D FINAL C546

T 2.2 130 kW 180 HP VGT SCR EURO 6 D FINAL 948TE

U 2.2 103 kW 140 HP VGT SCR EURO VI E C637

 $m \emph{V}$ 2.2 103 kW 140 HP VGT SCR EURO VI E 948TE

W 2.2 117 kW 160 HP VGT SCR EURO VI E C546

X 2.2 117 kW 160 HP VGT SCR EURO VI E 948TE

Y 2.2 130 kW 180 HP VGT SCR EURO VI E C546

Z 2.2 130 kW 180 HP VGT SCR EURO VI E 948TE

TRANSMISSION

N Mechanical transmission

B Automatic transmission AT9

WHEELBASE

SHORT(S) = 0, 4, 9, E

MEDIUM (M) = 1, 5, A, F

MEDIUM-LONG (ML) = M , K , L , P

LONG (L) = 2, 6, B, G

STRETCHED (XL) = 3, 7, C, H

ROLLING CHASSIS = N, 8, D, J

EXTRA LONG (XXL) = T, \cup

BODYWORK

1 CHASSIS CAB (TEMPO LIBERO) LOW ROOF

2 CHASSIS COWLS (TEMPO LIBERO)

3 PANELLED VAN (TEMPO LIBERO) MEDIUM ROOF

4 PANELLED VAN (TEMPO LIBERO) HIGH ROOF

5 CHASSIS CAB SPECIAL (TEMPO LIBERO) LOW ROOF

6 SPECIAL CHASSIS COWLS (TEMPO LIBERO)

7 BOX TRUCK SINGLE CAB LOW ROOF stretched

8 PANELLED VAN (TEMPO LIBERO) LOW ROOF

9 BOX TRUCK CREW CAB LOW ROOF

A PANELLED VAN HIGH ROOF

B GLAZED VAN HIGH ROOF

C CHASSIS SINGLE CAB LOW BOOF

D CHASSIS CREW CAB LOW BOOF

E GLAZED VAN (TEMPO LIBERO) LOW ROOF

F GLAZED VAN (TEMPO LIBERO) MEDILIM ROOF

G PANELLED VAN MEDIUM ROOF

H GLAZED VAN MEDIUM ROOF

I COMBI MODULAR CONVERTED MEDIUM ROOF

J COMBI MEDIUM ROOF

K COMBI LOW ROOF

L PANELLED VAN LOW ROOF

M MINIBUS MEDIUM ROOF

N COMBI MODULAR CONVERTED MEDIUM ROOF

P PANORAMA LOW ROOF

Q PANORAMA MEDIUM ROOF

R MINIBUS BASE (295) MEDIUM ROOF

T COMBI MEDIUM ROOF





















ENGINE

| General information | 2.2 120 HP H3-Power with AdBlue [®] | 2.2 140 HP H3-Power with AdBlue® | 2.2 160 HP H3-Power with AdBlue [®] | 2.2 180 HP H3-Power with AdBlue® | |
|----------------------------------|--|---|--|----------------------------------|--|
| Engine code | 46349131 | 46349131 | 46348913 | 46348913 | |
| Cycle | Diesel | Diesel | Diesel | Diesel | |
| Number and position of cylinders | 4 in line | 4 in line | 4 in line | 4 in line | |
| Piston bore and stroke (mm) | 83.8 x 99 | 83.8 x 99 | 83.8 x 99 | 83.8 x 99 | |
| Total displacement (cm³) | 2184 | 2184 | 2184 | 2184 | |
| Compression ratio | 15.7 : 1 | 15.7 : 1 | 15.7 : 1 | 15.7 : 1 | |
| Maximum power (CEE) (kW) | 88 | 103 | 118 | 132 | |
| Maximum power (CEE) (HP) | 120 | 140 | 160 | 180 | |
| Corresponding engine speed (rpm) | 3500 | 3500 | 3500 | 3500 | |
| Maximum torque (CEE) (Nm) | 320 | 350 (MT) 380 (AT) | 380 (MT) 400 (AT) | 380 (MT) 450 (AT) | |
| Corresponding engine speed (rpm) | 1400 | 1400 (MT and AT) | 1500 (MT and AT) | 1500 (MT and AT) | |
| Fuel | | Diesel for motor vehicles (EN590 Specification) | | | |

POWER SUPPLY

Intake system

Diesel Common Rail direct injection

1 242)























WARNING

242) Modifications or repairs to the fuel supply system that are not carried out properly or do not take the system's technical specifications into account can cause malfunctions leading to the risk of fire.

TRANSMISSION

| Ver | sions | Transmission | Clutch | Traction | |
|-------------------------------|--|--|----------------------|----------|--|
| MANUAL TRANSMISSION | 2.2 120 HP H3-Power with AdBlue $_{\ensuremath{\mathbb{R}}}$ | | | | |
| | 2.2 140 HP H3-Power with AdBlue [®] | Six forward speed plus reverse with synchronisers | Self-adjusting pedal | | |
| | 2.2 160 HP H3-Power with AdBlue [®] | for the engagement of the forward speeds | without idle stroke | | |
| | 2.2 180 HP H3-Power with AdBlue [®] | | | Front | |
| | 2.2 140 HP H3-Power with AdBlue [®] | Nine femulated marks all to | | | |
| AT9 AUTOMATIC TRANSMISSION | 2.2 160 HP H3-Power with AdBlue [®] | Nine forward gears plus reverse with synchronisers for forward gears and | - | | |
| | 2.2 180 HP H3-Power with AdBlue [®] | reverse | | | |

SUSPENSION





Front Rear

McPherson independent wheels

Tubular rigid beam axle; longitudinal leaf spring







93) Carefully check that the composite leaf springs do not come in contact with any kind of acid















BRAKES

| | Front service brakes | Rear service brakes | Parking brake |
|--|-----------------------|-----------------------|--|
| Versions with mechanical parking brake | Self-ventilated discs | Disc | Controlled by handbrake lever, acting on the rear brakes |
| Versions with electric parking brake (EPB) | Self-ventilated discs | Self-ventilated discs | Electric |

WARNING Water, ice and salt spread on the roads may deposit on the brake discs reducing braking efficiency the first time the brakes are applied.

STEERING

| Versions | Kerb-to-kerb turning circle (m) | Туре |
|-----------------------|---------------------------------|---|
| Short wheelbase | 11.06 | |
| Medium wheelbase | 12.46 | |
| Medium-long wheelbase | 13.54 | Rack and pinion with electric power steering. |
| Long wheelbase | 14.28 | |
| Extra-long wheelbase | 15.3 | |





















WHEELS

RIMS AND TYRES

Alloy or 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.

SPARE WHEEL

Pressed steel rim. Tubeless tyre.

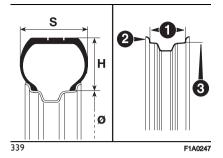
WHEEL GEOMETRY

Front wheels toe-in measured between rims: -1 ±1 mm.

The values refer to the vehicle in running order.

CORRECT READING OFTHE TYRE

Example: 215/70 R 15 109S (see fig. 339)



215 Nominal width (S, distance in mm between sides)

70 Height/width ratio (H/S), expressed as a percentage

R Radial tyre

15 Rim diameter in inches (Ø)

109 Load rating (capacity)

S Maximum speed rating

Maximum speed index

Q up to 160 km/h

 ${f R}$ up to 170 km/h

S up to 180 km/h

T up to 190 km/h **U** up to 200 km/h

H up to 210 km/h

V up to 240 km/h

Maximum speed index for snow tyres

QM + S up to 160 km/h

TM + S up to 190 km/h

 $\mathbf{HM} + \mathbf{S}$ up to 210 km/h

Load index (capacity)

| 7 | 70 = 335 k | кg | 95 = | 690 kg | |
|---|------------|---|-------|---------|---|
| 7 | 71 = 345 k | кg | 96 = | 710 kg | |
| 7 | 72 = 355 k | кg | 97 = | 730 kg | |
| 7 | 73 = 365 k | кg | 98 = | 750 kg | |
| 7 | 74 = 375 k | кg | 99 = | 775 kg | |
| 7 | 75 = 387 k | кg | 100 = | 800 kg | |
| - | 76 = 400 k | кg | 101 = | 825 kg | |
| 7 | 77 = 412 k | кg | 102 = | 850 kg | |
| 7 | 78 = 425 k | кg | 103 = | 875 kg | |
| 7 | 79 = 437 k | кg | 104 = | 900 kg | |
| 8 | 30 = 450 k | кg | 105 = | 925 kg | |
| 8 | B1 = 462 k | кg | 106 = | 950 kg | |
| 8 | 32 = 475 k | кg | 107 = | 975 kg | |
| 8 | 83 = 487 k | кg | 108 = | 1000 kg |) |
| 8 | 34 = 500 k | кg | 109 = | 1030 kg |) |
| 8 | 35 = 515 k | кg | 110 = | 1060 kg |) |
| 8 | 36 = 530 H | кg | 111 = | 1090 kg |) |
| 8 | 87 = 545 k | кg | 112 = | 1120 kg |) |
| 8 | 38 = 560 k | <g< td=""><td>113 =</td><td>1150 kg</td><td>)</td></g<> | 113 = | 1150 kg |) |
| 8 | 89 = 580 k | <g< td=""><td>114 =</td><td>1180 kg</td><td>)</td></g<> | 114 = | 1180 kg |) |
| | | | | | |

| 90 = 600 kg | 115 = 1215 kg |
|--------------|---------------|
| 91 = 615 kg | 116 = 1250 kg |
| 92 = 630 kg | 117 = 1285 kg |
| 93 = 650 kg | 118 = 1320 kg |
| 94 = 670 kg | 119 = 1360 kg |

RIM PROTECTOR TYRES







WARNING

243) Do not fit wheel cups when using integral cups fixed (with springs) to the steel rim and tyres other than factory-fitted tyres provided with Rim Protector fig. 340. Use of unsuitable tyres and wheel caps may cause sudden decrease of tyre pressure.





















RIMS AND TYRES PROVIDED

Rims for versions with manual gearbox

| VERSION | PAYLOAD | | | RIM | |
|---------------------------|-----------|--|----------------------------|--------------------------------|------------|
| VERSION | PATLOAD | (Size | /Load index and sp | peed) | LIIVI |
| | 3000 | | | | |
| LIGHT 15" | 3300 | 215/70 R15 C (109/107 S) | 225/70 R15C (112/110 S) | | |
| | 3500 | | | 225/70 R15C | 6 Jx15-68 |
| | 3000 | | - | (112/110 R) M+S | 6 JX 15-66 |
| LIGHT TEMPO LIBERO 15" | 3300 | 215/70 R15 CP (109/107 Q) | - | • | |
| | 3500/3650 | - , , | - | | |
| LIGHT 16" | 3300 | 215/75 R16 C | 225/75 R16C (116/114 R) | | 6 Jx16-68 |
| LIGHT 16 | 3500 | (116/114 R) | | 225/75 R16C | |
| LIGHT TEMPO | 3300 | 225/75 R16 CP | - | (116/114 R) M+S | |
| LIBERO 16" | 3500/3650 | (116/114 Q) | - | | |
| | 3500 | 215/75 R16C (116/114 R) | 225/75 R16C | | |
| MAXI | 4000/4250 | 215/75 R16C (116/114 R) excluding PTT 4250 | (116/114 R) | 225/75 R16C (116/114 R) M+S | 6 Jx16-68 |
| | 3500 | | | (110/114 K) W+S | |
| MAXI TEMPO LIBERO | 4000/4250 | 225/75 R16 CP (116/114 Q) | - | | |
| | 4400 | - , , | _ | • | |

Rims for versions with automatic transmission

| VERSION | PAYLOAD | | TYRES | | | |
|------------------------------|----------------|---|----------------------------|--------------------------------|-----------|--|
| VENSION | PATEOAD | (Siz | re/Load index and sp | peed) | RIM | |
| LIGHT 15" | 3000 | 215/70 R15 C (109/107 S) | 225/70 R15C (112/110 S) | 225/70 R15C | 6 Jx15-68 | |
| LIGHT TEMPO LIBERO 15" | 3000 | 215/70 R15 CP (109/107 Q) | - | (112/110 R) M+S | 0 JX10-06 | |
| LIGHT 16" | 3300 | 215/75 R16 C | 225/75 R16C | | | |
| LIGHT 10 | 3500 | (116/114 R) | (116/114 R) | 225/75 R16C 6 Jx16- | 6 Jx16-68 | |
| LIGHT TEMPO LIBERO 16" | 3300/3500/3650 | 225/75 R16 CP (116/114 Q) | - | (116/114 R) M+S | | |
| MAXI MAXI TEMPO LIBERO | 3500 | 215/75 R16C (116/114 R) | | | | |
| | 4000/4250 | 215/75 R16C (116/114 R) excluding PTT 4250kg | 225/75 R16C (116/114 R) | 225/75 R16C (116/114 R) M+S | 6 Jx16-68 | |
| | 3500 | | | | | |
| | 4000/4250 | 225/75 R16 CP _ (116/114 Q) | | | | |
| | 4400 | _ , | _ | | | |

If using M+S winter tyres with speed index lower than "S" for 15" wheels and "R" for 16" wheels, respect the max. vehicle speed indicated in the table: Maximum speed index.

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 |
|---------------|---|-------|------|
| 215/70 R15 C | 3000 PTT (*) with basic tyres, except PANORAMA | 4.0 | 4.0 |
| | 3300 GVW (*) / 3500 PTT (*) with basic tyres | 4.1 | 4.5 |
| 215/70 R15 C | PANORAMA with basic tyres | 4.1 | 4.5 |
| | 3000 PTT (*) with oversized tyres, except PANORAMA | 4.0 | 4.0 |
| 225/70 R15 C | 3300 GVW (*) / 3500 GVW (*) with oversized tyres | 4.1 | 4.5 |
| 225/70 R15 C | Winter and All-Seasons tyres | 4.1 | 4.5 |
| 225/70 R15 C | PANORAMA with oversized tyres | 4.1 | 4.5 |
| 215/70 R15 CP | Vehicles with Camping tyres | 5.0 | 5.5 |
| 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 | 4.5 | 5.0 |
| 225/75 R16 C | Winter tyres | 4.5 | 4.8 |
| 225/75 R16 C | All-Seasons tyres | 4.5 | 5.0 |
| 225/75 R16 CP | Vehicles with Camping tyres | 5.5 | 5.5 |
| 225/75 R16 CP | Maxi 4400 GVW (*) with Camping tyres (for versions/markets, where provided) | 5.5 | 5.5 |

^(*) Gross Vehicle Weight

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.

















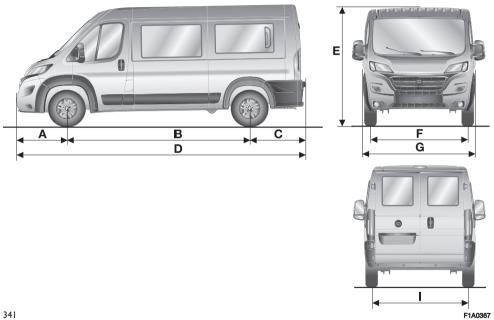




DIMENSIONS

PANORAMA / COMBI VERSION

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres. Height is measured with vehicle unladen.



| | | COMBI - PANORAMA | |
|---|------|------------------|-----------------|
| | CH1 | MH2 | LH2 |
| Α | 948 | 948 | 948 |
| В | 3000 | 3450 | 4035 |
| С | 1015 | 1015 | 1015 - 1380 (*) |
| D | 4963 | 5413 | 5998 - 6363(*) |
| Е | 2254 | 2524 | 2524 |
| F | 1810 | 1810 | 1810 |
| G | 2050 | 2050 | 2050 |
| I | 1790 | 1790 | 1790 |

















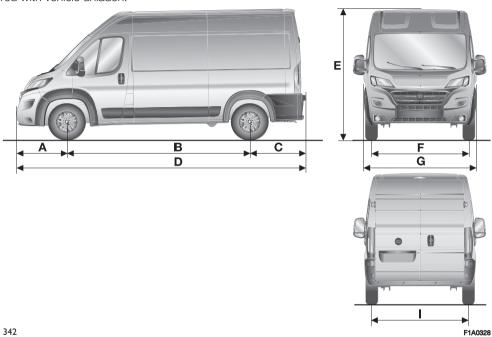




^(*) MINIBUS version, 16 + 1 seats
The sizes vary according to the various versions within the limits indicated above.

VAN VERSION

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres. Height is measured with vehicle unladen.



| | | VAN | | | | | |
|---|-------------|-----------------|------------------|-------------|--|--|--|
| | CH1 - CH2 | MH1 - MH2 | LH2 - LH3 | XLH2 - XLH3 | | | |
| Α | 948 | 948 | 948 | 948 | | | |
| В | 3000 | 3450 | 4035 | 4035 | | | |
| С | 1015 | 1015 | 1015 | 1380 | | | |
| D | 4963 | 5413 | 5998 | 6363 | | | |
| E | 2254 - 2524 | 2254 - 2524 (*) | 2524 - 2764 (**) | 2524 - 2764 | | | |
| F | 1810 | 1810 | 1810 | 1810 | | | |
| G | 2050 | 2050 | 2050 | 2050 | | | |
| 1 | 1790 | 1790 | 1790 | 1790 | | | |

(*) MAXI 2269 - 2539 version (**) MAXI 2539 - 2774 version The sizes vary according to the various versions within the limits indicated above.















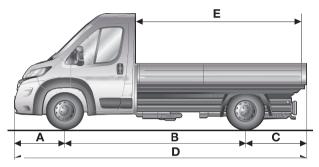


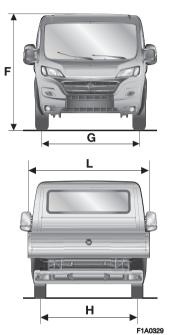




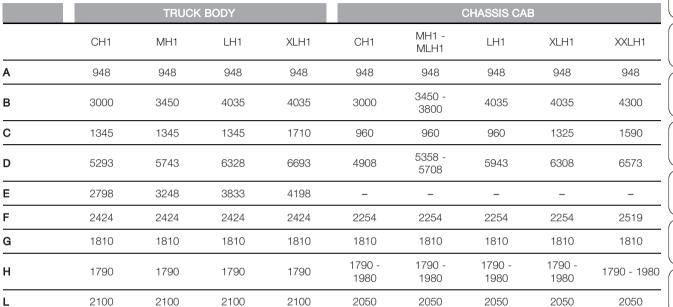
TRUCK VERSION

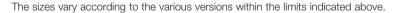
Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres. Height is measured with vehicle unladen.





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| | CHASSIS COWL | | | | | SPI | ECIAL CAB | VAN | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | CH1 | MH1 - MLH1 | LH1 | XLH1 | XXLH1 | CH1 | MH1 - MLH1 | LH1 | XLH1 | XXLH1 |
| A | 925 | 925 | 925 | 925 | 925 | 948 | 948 | 948 | 948 | 948 |
| В | 3000 | 3450 - 3800 | 4035 | 4035 | 4300 | 3000 | 3450 - 3800 | 4035 | 4035 | 4300 |
| С | 860 | 860 | 860 | 1225 | 1490 | 880 | 880 | 880 | 1245 | 1510 |
| D | 4785 | 5235 - 5585 | 5820 | 6125 | 6390 | 4828 | 5278 - 5628 | 5863 | 6228 | 6493 |
| E | - | - | - | - | - | - | - | - | - | - |
| F | - | - | - | - | - | 2254 | 2254 | 2254 | 2254 | 2254 |
| G | 1810 | 1810 | 1810 | 1810 | 1810 | 1810 | 1810 | 1810 | 1810 | 1810 |
| Н | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 |
| L | 2050 | 2050 | 2050 | 2050 | 2050 | 2050 | 2050 | 2050 | 2050 | 2050 |

The sizes vary according to the various versions within the limits indicated above.

| | | SPECIAL CHASSIS COWL | | | | | | |
|---|-------------|----------------------|-------------|-------------|-------------|--|--|--|
| | CH1 | MH1 - MH2 | LH1 | XLH1 | XXLH1 | | | |
| A | 925 | 925 | 925 | 925 | 925 | | | |
| В | 3000 | 3450 - 3800 | 4035 | 4035 | 4300 | | | |
| С | 880 | 880 | 880 | 1245 | 1510 | | | |
| D | 4805 | 5255 - 5605 | 5840 | 6205 | 6470 | | | |
| G | 1810 | 1810 | 1810 | 1810 | 1810 | | | |
| Н | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 | 1790 - 1980 | | | |
| L | 2050 | 2050 | 2050 | 2050 | 2050 | | | |

The sizes vary according to the various versions within the limits indicated above.

















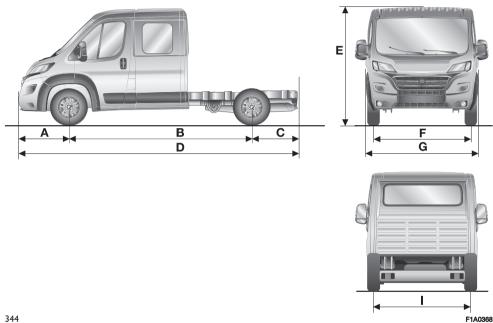




CREW CAB VERSION

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres.

Height is measured with vehicle unladen.



| | | CREW CAB | | | | |
|---|------|----------|------|--|--|--|
| | MH1 | LH1 | XLH1 | | | |
| Α | 948 | 948 | 948 | | | |
| В | 3450 | 4035 | 4035 | | | |
| С | 1340 | 1245 | 1695 | | | |
| D | 5798 | 6228 | 6678 | | | |
| Е | 2424 | 2424 | 2424 | | | |
| F | 1810 | 1810 | 1810 | | | |
| G | 2100 | 2100 | 2100 | | | |
| I | 1790 | 1790 | 1790 | | | |

The sizes vary according to the various versions within the limits indicated above.





















PERFORMANCE

Top permitted speed after initial vehicle use in km/h.

Versions with manual transmission

| Voloione with mandar transmission | | | | | | | | |
|--|------------------|---|---|-------|---|-------|---|------------|
| BODYWORK VERSION | | 2.2 120 HP H3-Power with AdBlue [®] | H3-Power 2.2 140 HP H3-Power with AdBlue® | | 2.2 160 HP H3-Power with AdBlue [®] | | 2.2 180 HP H3-Power with AdBlue [®] | |
| | | Light | Light | Heavy | Light | Heavy | Light (*) | Heavy (**) |
| VAN (evoluting | LOW roof (H1) | 148 | 15 | 6 | 163 | 162 | 170 (*) 161 (**) | 161 |
| VAN (excluding Tempo Libero version) | MEDIUM roof (H2) | 143 | 153 | | 159 | 158 | 165 (*) 161 (**) | 161 |
| | HIGH roof (H3) | 138 | 149 | | 154 | 153 | 161 | 156 |
| TRAILER TRUCK / CHASSIS CAB / CHASSIS COWLS / PLATFORMS (excluding Tempo Libero version) | LOW roof (H1) | 148 | 15 | 6 | 163 | 162 | 170 (*) 161 (**) | 161 |
| CHASSIS CAB / CHASSIS COWLS (Tempo Libero version) | LOW roof (H1) | 148 | 152 | | 152 152 | | 1 | 52 |

| BODYWORK VERSION | | 2.2 120 HP H3-Power with AdBlue [®] | | PH3-Power dBlue [®] | 2.2 160 HP with Ad | H3-Power dBlue [®] | | IP H3-Power AdBlue [®] |
|-------------------------------|------------------|---|-------|---------------------------------|-----------------------|--------------------------------|-----------|------------------------------------|
| | | Light | Light | Heavy | Light | Heavy | Light (*) | Heavy (**) |
| | LOW roof (H1) | 148 | 152 | | 15 | 52 | | 152 |
| VAN (Tempo Libero version) | MEDIUM roof (H2) | 146 | 152 | | 152 | | | 152 |
| | HIGH roof (H3) | 141 | 1 | 149 152 | | | 152 | |

















^(*) Versions with 15" rims (**) Versions with 16" rims

Versions with automatic transmission

| BODYWORK VERSION | | 2.2 140 HP H3-Power with AdBlue [®] | | 2.2 160 HP H3-Power with AdBlue [®] | | 2.2 180 HP H3-Power with AdBlue [®] | |
|--|------------------|---|-------------|--|-------|--|-------|
| | | Light Heavy | | Light | Heavy | Light | Heavy |
| | LOW roof (H1) | 155 | | 162 (R15) 161 (R16) | | 169 (R15) 161 (R16) | 161 |
| VAN (excluding Tempo Libero version) | MEDIUM roof (H2) | 152 | | 158 | | 164 (R15) 161 (R16) | 161 |
| | HIGH roof (H3) | 148 | | 1: | 53 | 16 | 60 |
| TRAILER TRUCK / CHASSIS CAB / CHASSIS COWLS / PLATFORMS (excluding Tempo Libero version) | LOW roof (H1) | 155 | | 162 (R15) 161 (R16) | | 169 (R15) 161 (R16) | 161 |
| CHASSIS CAB / CHASSIS COWLS (Tempo Libero version) | LOW roof (H1) | 152 | 152 152 | | 152 | | 52 |
| | LOW roof (H1) | 152 | 2 152 152 | | 52 | | |
| VAN (Tempo Libero version) | MEDIUM roof (H2) | 152 | | 152 | | 152 | |
| • | HIGH roof (H3) | 148 | 148 152 152 | | 152 | | 52 |

NOTE N2-category vehicles are limited to 90 km/h by type-approval requirements.

NOTE M2-category vehicles are limited to 100 km/h by type-approval requirements.

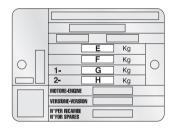
Speed limiter type-approved for 171 km/h for complete/incomplete No Tempo Libero with 15"

(*) Speed limiter type-approved for 161 km/h for complete/incomplete No Tempo Libero with 16"

(**) Speed limiter type-approved for 152 km/h for Tempo Libero

WEIGHTS AND LOADS

To identify the weights and loads for your vehicle, refer to the plate shown in fig. 345 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).



345 F1A0245

- **E** Maximum permitted weight of fully laden vehicle (GVW).
- F Maximum permitted weight of the vehicle (GVW) fully laden plus trailer. If there is no value in the field or if there is a dash, it means that the vehicle cannot tow
- **G** Maximum permitted weight on first axle (front).

H Maximum permitted weight on second axle (rear).

To calculate the towable weight with a braked trailer, take the difference between values F and E shown on the plate.

E.g.: F=6000 kg - E=3500 kg
Braked trailer=2500 kg
IMPORTANT *Do not exceed the indicated trailer and towable weights.*IMPORTANT *Comply with the vehicle towing capacities.*

The tables show the towable weight for engine version.





















TOWABLE WEIGHTS (kg)

Key:

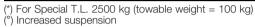
A = TOWABLE WEIGHT

B = UNBRAKED TRAILER

C = LOAD ON TOW HOOK

| VERSION (GVW) | | ENGINE | Α | В | С |
|---------------|--------------------------|--|---------|-----|--------|
| | 2800 | – 2.2 120 HP H3-Power with AdBlue [®] | 2000 | 750 | 100 |
| | 3000/3300/3500/3650 | - 2.2 120 HP H3-Power With Adblue | 2500 | 750 | 100 |
| LIQUIT | 3000/3300/3500/3510 | 0.0.1.40 LID LIO Decrease with AdDire® | 2500 | 750 | 100 |
| LIGHT | 3650 (T.L. Tempo Libero) | – 2.2 140 HP H3-Power with AdBlue [®] | 2500 | 750 | 100 |
| | 0000/0000/0500/0510/0550 | 2.2 160 HP H3-Power with AdBlue [®] | 2500 | 750 | 100 |
| | 3000/3300/3500/3510/3650 | 2.2 180 HP H3-Power with AdBlue [®] | 2500 | 750 | 100 |
| | 3500 | | 3000(*) | 750 | 120(*) |
| | 3510 | – 2.2 140 HP H3-Power with AdBlue [®] | 3000 | 750 | 100 |
| | 3995/4005/4400 | | 2500 | 750 | 100 |
| | 4250 | _ | 2250 | 750 | 100 |
| MAXI | 3500 | | 3000(*) | 750 | 120(*) |
| | 3510 | _ | 3000 | 750 | 100 |
| | 3995/4005 | 2.2 160 HP H3-Power with AdBlue® | 2500 | 750 | 100 |
| | 4250 | _ | 2250 | 750 | 100 |
| | 4400 | _ | 2100 | 750 | 100 |

| VERSION (GVW) | | ENGINE | Α | В | C |
|---------------|-----------|--|---------|-----|--------|
| | 3500 | | 3000(*) | 750 | 120(*) |
| MAXI . | 3510 | 2.2 180 HP H3-Power with AdBlue [®] | 3000 | 750 | 100 |
| | 3995/4005 | | 2500 | 750 | 100 |
| | 4250 | | 2250 | 750 | 100 |
| | 4400 | _ | 2100 | 750 | 100 |



NOTE The following vehicles are excluded from the table:

Key:

A = TOWABLE WEIGHT

B = UNBRAKED TRAILER

C = LOAD ON TOW HOOK

| ENGINE | BODYWORK VE | ERSION | GVW | Α | В | С |
|--------------------------------------|---------------------------|--------|--------------------|-------------|-----|-----|
| ALL | MINIBUS / BASE MINIBUS | ALL | 4005 / 4250 / 4300 | - | - | - (|
| 2.2 140 HP H3- Power with AdBlue® | Heavy | | 4250/4300 | 2250 - 2200 | 750 | _ |
| 2.2 180 HP H3- Power with AdBlue® | Heavy | | 4250/4300 | 2250 - 2200 | 750 | - |

NOTE For vehicles with tow hook: the vertical static load on the tow hook must be within the maximum permitted weight declared for the vehicle.

MAX (Maximum permitted weight + TOWABLE WEIGHT) = 6500 kg





















REFUELLING

| | 2.2 120 HP -140 HP -160 HP -180 HP H3-Power with AdBlue [®] | | Prescribed fuels and original lubricants |
|---|---|--------------|---|
| | Network | Tempo Libero | |
| Fuel tank (litres): | 90 (*) | 75 (**) | Automotive Diesel |
| Including a reserve of (litres): | 12 | 10 / 12 | (EN590 specifications) |
| UREA tank (where provided) approx. capacity (litres): | 19 | 19 | AdBlue [®] (water-UREA solution) standard DIN 70 070 and ISO 22241-1 |

^(*) A 75 litre tank is available on request for all versions (with reserve of 12 litres). (**) With the "Tempo Libero" option a 60 litre tank is available on request (with reserve of 9 litres).



WARNING

244) Use AdBlue® only according to DIN 70 070 and ISO 22241-1. Other fluids may cause damage to the system: also exhaust emissions would no longer comply with the law.

245) The distribution companies are responsible for the compliance of their product. Observe the precautions of storage and servicing, in order to preserve the initial qualities. The manufacturer of the vehicle does not recognise any quarantee in case of malfunctions and damage caused to the vehicle due to the use urea (AdBlue®) not in accordance with regulations.

| | 2.2 120 HP -140 HP -160 HP -180 HP H3-Power with AdBlue [®] | Prescribed fuels and original lubricants | |
|--|---|--|--|
| Engine cooling system (litres): | 10 (**) | 50% mixture of distilled water and PARAFLU ^{UP} (***) | |
| Engine sump (litres): | 5.4 | - SELENIA WR FORWARD 0W-30 | |
| Engine sump and filter (litres): | 6.1 | - SELEINIA WK FORWARD UW-30 | |
| Transmission/differential casing (litres): | 2.2 (C637 transmission) | TUTELA MTF 900 | |
| Transmission/differential casing (litres): | 2.9 (M40 transmission) | TUTELA TRANSMISSION GEARTECH | |
| Automatic transmission casing AT9 (litres): | 6.0 | TUTELA TRANSMISSION AS8 | |
| Hydraulic braking circuit with ABS (kg): | 0.6 | THE A TOD 4/0 | |
| Hydraulic braking circuit with ASR/ESC (kg): | 0.62 | TUTELA TOP 4/S | |
| Windscreen/headlight washer reservoir: | 5.5 | Mixture of water and liquid PETRONAS | |



DURANCE SC 35





















^(****) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLUUP and 40% demineralised water.

FLUIDS AND LUBRICANTS

Your vehicle is equipped with an engine oil that has been thoroughly developed and tested in order to meet the requirements of the Scheduled Servicing Plan. Constant use of the prescribed lubricants guarantees the fuel consumption and emission specifications. Lubricant quality is crucial for engine operation and duration.

PRODUCT SPECIFICATIONS

| Use | Features | Specification | Original liquids and lubricants | Replacement interval |
|--------------------------|-------------------|---------------|---|----------------------------------|
| Diesel engine lubricants | SAE OW-30 ACEA C2 | 9.55535-DS1 | SELENIA WR FORWARD 0W-30 Contractual Technical Reference N° F842.F13 | According to Service Schedule |

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

| Use | Features | Specification | Original liquids and lubricants | Replacement interva |
|--|---|-------------------|--|--|
| Lubricants and greases for drive transmission | SAE 75W-70 API GL-4+ grade synthetic lubricant | 9.55550-MZ14 | TUTELA MTF 900 Contractual Technical Reference N° F006.B21 | Mechanical transmission and differential (C637 transmission) |
| | Synthetic base lubricant SAE 75W-85 grade | 9.55550-MZ3 | TUTELA TRANSMISSION GEARTECH Contractual Technical Reference N° F704.C08 | Mechanical transmission and differential (M40 transmission) |
| | Synthetic lubricant | 9.55550-AV5 | TUTELA TRANSMISSION AS8 Contractual Technical Reference N° F139.I11 | Lubricant for versions with AT9 automatic transmission |
| | 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 |
| Brake fluid | Synthetic fluid for brake and clutch 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 and hydraulic clutch controls |





















| 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. (*) |
| Diesel fuel additive | Additive for diesel antifreeze, protecting Diesel engines. | - | PETRONAS DURANCE DIESEL ART Contractual Technical Reference N° F601.L06 | To be mixed with diesel (25 cc per 10 litres) |
| AdBlue [®] (UREA) additive for diesel emissions | Water-AdBlue [®] (UREA) solution | DIN 70 070 and ISO 22241-1 | AdBlue [®] (UREA) | To be used for filling the AdBlue [®] (UREA) tank on vehicles equipped with Selective Catalytic Reduction (SCR) system |
| 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.

IMPORTANT

94) The use of products with specifications other than those indicated above could cause damage to the engine not covered by the warranty.

FUEL CONSUMPTION AND CO2 EMISSIONS

The fuel consumption and CO₂ emission figures declared by the manufacturer are determined on the basis of the type-approval tests laid down by the applicable standards in the country where the vehicle is registered.



The type of route, traffic situations, weather conditions, driving style, general conditions of the vehicle, trim level/equipment/accessories, climate control system, vehicle load, roof rack, other situations that affect aerodynamics or air drag may lead to different fuel consumption levels than those measured. The fuel consumption will only become more regular after driving the first 3000 km.



To find the specific fuel consumption and CO₂ emission figures for this vehicle, please refer to the data in the Certificate of Conformity, and the related documentation that accompanies the vehicle.

















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-authorised collection and scrapping centre. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of vehicles at their end of life, respecting the surrounding environment. You can find further information on these collection and scrapping centres either from an FCA dealership or by calling the number in the Warranty Booklet or by consulting the websites of the various FCA brands.

WHAT TO DO IF

| Fault | Possible solution | |
|--|---|--|
| A TYRE IS PUNCTURED. | Use the Fix&Go tyre repair kit | See page 250. |
| | Replace the tyre. | See page 246. |
| A TYRE DEFLATES. | Restore the correct pressure. | See page 292. |
| THE INTERNAL CEILING LIGHT DOES NOT SWITCH ON. | Replace the bulb. | See page 237 or contact a Fiat Dealership. |
| AN EXTERNAL BULB (main beam, dipped beam headlights) DOES NOT COME ON. | Replace the bulb. | See page 232 or contact a Fiat Dealership. |
| THE REMOTE CONTROL DOES NOT WORK. | Replace the batteries inside the remote control. | See page 12 or contact a Fiat Dealership. |
| AN ELECTRIC WINDOW DOES NOT WORK. | Check the relevant protective fuse. | See page 238 or contact a Fiat Dealership. |
| | Have the relevant window raising / lowering motor checked. | Contact a Fiat Dealership. |
| THE ENGINE DOES NOT START OR STOPS WHEN DRIVING. | Check that there is sufficient fuel in the tank; refuel if necessary. | See page 209. |
| DIESEL FUEL IS FROZEN. | Use winter diesel fuel or a suitable additive. | See page 312. |
| | In the case of VOR, warm up the diesel filter area and the upstream/downstream circuits, if possible. | - |
| INCORRECT FITTING OF THE AFTER MARKET SYSTEMS. | Carefully follow the instructions in the Owner Handbook in order to prevent affecting the correct operation of the vehicle. | Contact a Fiat Dealership. |





















| Fault | Possible solution | |
|--|--|--|
| STEERING STUCK WITH VOR AND STEERING LOCK ENGAGED. | If the vehicle is parked with the wheels completely steered, the steering wheel must be turned in the direction opposite to the end of travel position, while taking the key to MAR. | - |
| THE ENGINE DOES NOT START, THE STARTER DOES NOT TURN. | The battery might be empty, check its charge status. If necessary carry out an emergency starting. | See page 252. |
| | The battery quick-release terminal might have disconnected, check the correct connection on the battery negative pole. | - |
| | The battery protection fuse might be broken. Avoid trying to force starting by persisting with the key in the AVV position. Do not connect any external loads to the battery. | See page 238 or contact a Fiat Dealership. |
| THE ENGINE DOES NOT START FOLLOWING A COLLISION. | Fuel supply might be interrupted following activation of the fuel cut off inertia switch. Check the system re-activation procedure. | See page 254. |

MULTIMEDIA



This section describes the main functions of the **UconnectTM** infotainment system that may be fitted on vehicle.

| TIPS, CONTROLS AND | |
|-------------------------|-----|
| GENERAL INFO | 320 |
| Uconnect™ | 322 |
| Uconnect™ Radio | 340 |
| CONNECTED SERVICES - | |
| UCONNECT SERVICES | 350 |
| OFFICIAL TYPE APPROVALS | 353 |





















TIPS, CONTROLS AND GENERAL INFO

246) 247) 295) 96)

ROAD SAFETY

Learn how to use the various system functions before setting off.
Read the instructions for the system carefully before setting off.

RECEPTION CONDITIONS

Reception conditions change constantly while driving. Reception may be interfered with by the presence of mountains, buildings or bridges, especially when you are far away from the broadcaster.

WARNING The volume may be increased when receiving traffic information and news.

CARE AND MAINTENANCE

95) 97)

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 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.

MULTIMEDIA DEVICES

WARNING Some multimedia players may not be compatible with the **Uconnect™** system.

Only use devices (e.g. USB flash drives) from safe sources on the vehicle. Devices from unknown sources could contain software infected by viruses which, if installed on the vehicle, could increase the vulnerability of the electric/electronic systems of your vehicle to hacking.

ANTITHEFT PROTECTION

The system is equipped with an anti-theft protection system based on the exchange of information with the electronic control unit (Body Computer) on the vehicle.

This guarantees maximum safety and prevents the secret code from being entered after the power supply has been disconnected.

If the check has a positive outcome, the system will start to operate, whereas if the comparison codes are not the same or if the electronic control unit (Body Computer) is replaced, the system will ask the user to enter the secret code according to the procedure described in the paragraph below.

Entering the secret code

When the system is switched on, if the code is requested, the display will show "Please enter Anti-Theft Code" followed by the screen showing a keypad to enter the secret code.

The secret code is made up of four digits, from 0 to 9: press the corresponding key on the display to insert the first digits of the code.

After entering the fourth digit, the system begins operating.

If an incorrect code is entered, the

system displays "Incorrect Code" to notify the user of the need to enter the correct code.

After the 3 available attempts to enter the code, the system displays "Incorrect Code. Radio locked. 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.

WARNINGS

In the event of a fault, the system must only be checked and repaired by a Fiat Dealership.

If the temperature is particularly low, the display may take a while to reach optimum brightness.

If the vehicle is stopped for a while and the external temperature is very high, the system may go into "thermal protection" mode, suspending operation until the temperature in the radio returns to acceptable levels.

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

246) Follow the safety rules below: otherwise serious injuries may occur to the occupants or the system may be damaged.

247) 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

- **95)** Only clean the front panel and the display with a soft, clean, dry, anti-static cloth. Cleaning and polishing products may damage the surface. Do not use alcohol or similar products to clean the control panel or the display.
- **96)** Do not use the display as a base for supports with suction pads or adhesives for external navigators or smartphones or similar devices.
- **97)** Do not use the display as a base for supports with suction pads or adhesives for external navigators or smartphones or similar devices.





















Uconnect™

Uconnect™ 10"

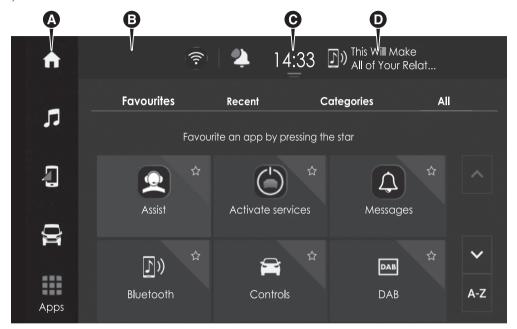
(where provided)



346 F1A0722

Uconnect™ 7"

(where provided)



347 F1A0748





















GRAPHIC BUTTONS ON DISPLAY (A)

| Graphic button | Functions | Mode |
|----------------------------|---|----------------------|
| - Home | Show the main screen | Press graphic button |
| - Media | Access Media mode to select available sources, folder tracks and interaction with audio settings | Press graphic button |
| - Comfort (where provided) | Climate control system settings (air flow, set indoor temperature) and heated seat (where provided) | Press graphic button |
| Phone | Access to the Phone mode | Press graphic button |
| - Vehicle | Access to additional vehicle settings and functions | Press graphic button |
| - Nav (where provided) | Start Navigation system | Press graphic button |
| - App | Access the list of available Apps | Press graphic button |

You can customise the order of the buttons by holding down the icon to move and dragging it to the desired position.

NOTE Customisation is only active when the vehicle is stationary. If an attempt is made to customise with the vehicle in motion or to resume driving without having completed the operation, a warning message will appear on the display and the operation will be ended.

STATUS BAR

| | Area | Functions | Mode |
|---|---------------------------------|---|----------------------|
| В | Reconfigurable quick button bar | Quick access to functions: Profiles (*), Notifications, External temperature, Voice recognition (*) | Press graphic button |
| С | Timetable / App customisation | Display the current time / access to the Apps list for customising the reconfigurable bar (**) | Press graphic button |
| D | Message area | Audio track playing, tuned radio station, call time, volume and scrolling messages | - |















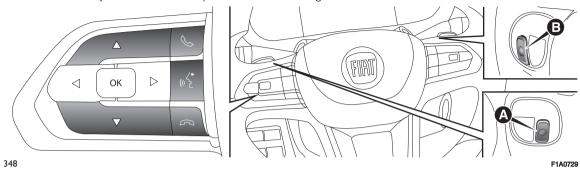




^(*) If available (**) For versions or markets where provided

CONTROLS ON THE STEERING WHEEL

The controls for the main system functions are present on the steering wheel to make control easier.



Steering wheel controls summary table

| Button | Interaction |
|---------------------------------|--|
| • | Acceptance of incoming call Acceptance of the second incoming call and putting the active call on hold Activation of voice recognition for phone functionality |
| ر _ا ، ک [*] | □ Activation of voice recognition (where provided or via CarPlay or Android Auto) □ 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 |
| \triangle/∇ | ☐ Short press (Phone mode): selection, on the instrument panel display, of the last calls/text messages (only with call browsing enabled) |

CONTROLS BEHIND THE STEERING WHEEL

| Buttons | Interaction |
|--------------------------------------|---|
| Button A (steering wheel left side) | |
| Upper button | ☐ Brief button press: search for next radio station or selection of USB next track. ☐ Long button press: scan of higher frequencies until released/fast forward of USB track. |
| Central button | With each press advances between AM, FM, DAB, USB and Bluetooth® sources. Only the available sources will be selected. |
| Lower button | ☐ Brief button press: search for next radio station or select USB previous track. ☐ Long button press: scan of lower frequencies until released/fast forward of USB track. |
| Button B (steering wheel right side) | |
| Upper button | Increasing volume ☐ Brief button press: single volume increase ☐ Long button press: fast volume increase |
| Central button | Volume activation/deactivation (Mute/Pause) |
| Lower button | Decreasing volume ☐ Brief button press: single volume decrease ☐ Long button press: fast volume decrease |













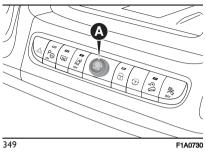








CENTRAL DASHBOARD CONTROLS



A button/knob (A) fig. 349 is provided on the dashboard that can be used as follows:

- Turn knob: increase/decrease volume
- ☐ Short press: **Uconnect™** on/off button
- ☐ Long press: "Mute" function on/off

TOUCHSCREEN FUNCTION

The system uses the touchscreen function; to interact with the different functions, press the graphic buttons displayed.

To confirm the selection, press the graphic button "OK" or tick the required selection. Confirmation of some functions or settings is accompanied by a dedicated chime.

To return to the previous screen press "X" or "OK" or "Cancel" or "Yes" or anywhere outside the pop-up depending on the choice the system makes, or simply by selecting the desired icon on the display.

To go back to the home screen or home position press the HOME graphic button.

The touchscreen function can be used to access and view the available lists of music tracks, phone numbers, settings, etc.

Move your finger on the screen to scroll lists and selections. Hold your finger down and move up to display the list items at the bottom; move down to display the list items at the top. Hold your finger down on the screen and move your finger rightwards, to see the lists to the left; move your finger leftwards, to see the lists to the right of the screen. The same operation can be performed to move between pages. Press your finger on the chosen field or button to select the field or perform the function associated with the button.

HOT BUTTONS

Up to 2 hot buttons (3) fig. 346 can be set on the status bar.

Press the button below the time ((4) fig. 346) to open the drop-down menu with the list of available apps. Hold the desired app pressed and drag it to the app to be replaced on the status bar. NOTE Customisation is only possible when the vehicle is stationary. If an attempt is made to customise with vehicle in motion or to resume driving without having completed the operation, a warning message will appear on the display and the operation will be ended.

MEDIA MODE

Press the "Media" graphic button to listen and manage your music, view the available lists and select your preferred audio settings.

WARNING Applications used on portable devices may be not compatible with the **Uconnect™** system.

After Media mode is selected, the following information is shown on the display.

Upper part: Selection of the different pages of the function "Sources", "Playback", "Browse", "Audio settings".

Left part: Display of the user's three favourite sources. To choose the source, select "All sources" and then choose the source to display. The source being played is shown in red.

Middle part: Display of information about the track being played and playback control buttons:

- ☐ "Bluetooth": for a **Bluetooth®** audio source, opens the list of devices;
- □ "Browse" for USB/**Bluetooth**® source, allows you to search for content on your device;
- ☐ "Tracks" for USB/**Bluetooth**® source, allows you to select a track from the playlist;
- ☐ ★: random playback of the tracks contained in the folder;
- □ ➡: when the last track is finished, playback automatically resumes from the first track in the playlist;
- □ ■: pause track being played;
- □ "Tuning": access the radio station selection page.

Lower part: Quick access to the favourite radio stations.

Track selection

The "Tracks" function allows you to open a window with the list of tracks being played.

The graphic buttons and and can be used to browse the list of artists, music genres and albums on the connected device via USB or **Bluetooth**, according to the information recorded on the tracks themselves.

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.

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.

COMFORT MODE

(where provided)

On the screen you can select:

- ☐ the airflow distribution settings: windscreen, face, face plus feet, feet plus windscreen;
- ☐ the inside temperature settings;
- ☐ the defrosting of the rear window (「」);
- ☐ the activation of the climate control system (A/C):
- ☐ the activation of the climate control system with maximum cooling (Max A/C);

- ☐ the recirculation function;
- the AUTO function;
- ☐ the activation/deactivation of the heated seat function (where provided).

BLUETOOTH® MODE

This mode is activated by pairing a **Bluetooth®** device containing music tracks with the **Uconnect™** system.

PAIRING A BLUETOOTH® AUDIO DEVICE

The pairing of a **Bluetooth®** device (e.g. a smartphone) is done via the "Device Manager" function on the "Phone" page.

Proceed as follows to pair a device:

- ☐ activate the **Bluetooth®** function on the device;
- □ access the "Device Manager" function;
- ☐ press the "Add Device" button;
 ☐ a pop-up window shows the
- temporary PIN to be entered on the device;
- □ search for **Uconnect**™ on the **Bluetooth®** audio device;
- ☐ 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. If no device has been registered, you can access the "Device Manager" directly from the "Phone" function. NOTE Up to 20 device can be paired. In case of an attempt to pair a twenty-first device a pop-up window will notify that this is impossible. Remove a paired device to allow the pairing of a new one.

NOTE The Radio may change the track being played by modifying the from name name of the device in the **Bluetooth®** settings of the telephone (where provided), if the device is by means of USB after the **Bluetooth®** connection. After updating the phone software, for proper operation, it is recommended to remove the phone from the list of devices linked to the radio, delete the previous system pairing also from the list of **Bluetooth®** devices on the phone and make a new pairing.

WARNING If the **Bluetooth®** connection between mobile phone and system is lost, consult the mobile phone handbook.

USB SOURCE

There are two USB ports: the first is located on the dashboard for charging external devices only, the second is in the lower part of the dashboard for transferring data to the **UconnectTM** system and for charging external devices.

When a USB device is plug into the port on the dashboard with the radio on, it starts to play the tracks on the device if the "AutoPlay" is set to "ON" in the "Audio" menu. If the "AutoPlay" function is set to OFF and a smartphone is connected, only charging the device will be active.

PHONE MODE

Press the "Phone" button on the display to activate the Phone mode.

NOTE To consult the list of mobile phones and supported functions, visit the www.driveuconnect.eu website

Select the desired page on the display using the bar at the top to:

dial the phone number using the graphic dial pad on the display;

NOTE The keypad is only active when the vehicle is stationary. If an attempt is made to use the keypad with the vehicle in motion or if driving is resumed without having completed engagement, a warning message

will appear on the display and the operation will be ended.

- □ display and call contacts from the registers of previous calls;
- display and call the contacts in the phonebook of the mobile phone;
- □ view received text messages;
- ☐ view the connected devices.

The mobile phone audio is transmitted through the sound system of the vehicle; the system automatically mutes the **Uconnect™** system audio 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.

To pair a mobile phone, see the procedure in "Pairing a Bluetooth[®] audio device" in this chapter.

"Double telephone" feature

The **Uconnect™** system allows simultaneous **Bluetooth®** connection to two telephones. Only one of the two connected devices can play multimedia content via **Bluetooth®**.

WARNING The "double telephone" feature is not available while using the

telephone in CarPlay or Android Auto mode.

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.

You can make a call by selecting one of the following items:

- "Keypad"
- "Recent"
- □ "Favourites"
- □ "Contacts"

Favourites

You can add a number or a contact (if already in Contacts) to the favourite list during a call by pressing the star by the side of the contact/number. The favourites can also be managed by using the menu options

Text Message Reader

(where provided)

The system can read the messages received by the mobile phone. To use this function, the mobile phone must support the text exchange function through **Bluetooth®**.

If this operation is not supported by the phone, the corresponding "Text message" graphic button is deactivated (greyed out). When a text message is received, the display will show a screen where the options "Read", "Show", "Call" or "Ignore" can be selected.

You can access the text message list received by the cell by selecting the "Messages" item (the list shows a maximum of 60 received messages). NOTE On some mobile phones, to make the text voice reading function available, the text notification option on the phone must be enabled; this option is usually available on the phone, in the **Bluetooth®** connections menu for a device registered as **Uconnect™**. After enabling this function on the mobile phone, it must be disconnected and reconnected with the **Uconnect™** system in order to make it effective.

WARNING Some mobile phones may not take the text message delivery confirmation settings into account when interfacing with **UconnectTM**. If a text message is sent via the **UconnectTM** system, the driver could face an additional cost, without any warning, due to the text message delivery confirmation request sent by the phone. For any problems related to the above, contact your telephone service provider.

"Do Not Disturb" function

If supported by the connected phone, by pressing the "Do Not Disturb" graphic button the user will not receive notifications of incoming calls or text messages. The user can reply with a default or customized message by means of the settings.

Text message options

(where provided)

Predefined messages are stored in the system memory and can be sent to answer a received message or as a new message.

- ☐ Yes
- □ No
- Okay
- ☐ I can't talk right now
- □ Call me
- □ I'll call you later
- ☐ I'm on my way
- Thanks
- I'll be late
- ☐ Stuck in traffic
- ☐ Start without me
- Where are you?
- ☐ Are you there yet?
- I need directions
- □ I'm lost
- ☐ See you later
- □ I will be 5 (or 10, 15, 20, 25, 30, 45, 60) (*) minutes late























☐ See you in 5 (or 10, 15, 20, 25, 30, 45, 60) (*) minutes

(*) Only use the numbers listed, otherwise the system will not take the message. When receiving a text message, the systems also allows the same message to be forwarded.

NOTE For details on how to send a text message using the voice commands, refer to the dedicated paragraph.

Apple CarPlay and Android Auto

(where provided)

The Apple CarPlay and Android Auto applications allow you to use your smartphone in the vehicle safely and intuitively. To enable them, connect a compatible smartphone to the vehicle USB port or in Wireless mode, and the contents of the phone will be automatically shown on the **Uconnect**TM system display.

To check the compatibility of your smartphone, refer to the indications on the websites:

https://www.android.com/intl/it_it/auto/e http://www.apple.com/it/ios/carplay/. If the smartphone is connected correctly to the vehicle via the USB port or in Wireless mode, the Apple CarPlay or Android Auto icon will be displayed in place of the paper graphic button in the main menu.

NOTE The date and time shown on the **Uconnect™** system display must match the actual date and time, even after disconnecting the battery. Adjust it from the "Settings" menu of the **Uconnect™** system. Any discrepancy between the date and time on the display and the actual date and time may be due to a malfunction in Apple CarPlay/Android Auto.

Apple CarPlay App Setup

Apple CarPlay is compatible with the iPhone 5 or more recent models, with the iOS 7.1 operating system or later versions.

Before using Apple CarPlay, enable Siri from "Settings" > "General" > "Siri" on the smartphone.

Android Auto APP Setup

Before use, download the Android Auto application to your smartphone from Google Play Store.

The application is compatible with Android 5.0 (Lollipop) and later versions. Starting from Android version 10 and higher, the Android Auto app is integrated into the operating system of the smartphone and no downloading is required.

On the first connection, you will have to perform the setup procedure that appears on the smartphone. You can

only perform this procedure with the vehicle stationary.

Once connected to the USB port, the Android Auto application establishes a parallel **Bluetooth®** connection.

Wireless mode

You can use Apple CarPlay and Android Auto in Wireless mode, without the need to connect your smartphone to the USB port.

To configure this mode, follow the procedure for pairing a **Bluetooth®** device. If successfully completed and the connected device supports Wireless mode, confirm that it starts on the message shown on your smartphone and **UconnectTM** display. On subsequent connections, Wireless mode is available automatically. If a **Bluetooth®** pairing is cancelled, the pairing procedure must be repeated on the "Device Manager" menu.

Interaction

After the setup procedure, the application will run automatically on the **UconnectTM** system when your smartphone is connected to the USB port in the vehicle.

☐ Apple CarPlay: To interact with Apple CarPlay press the steering wheel button ((﴿ (long press) or the "Home" graphic button on the display in Apple CarPlay.

☐ Android Auto: To interact with Android Auto press the steering wheel button (﴿﴿ (long press of the button) or the "Microphone" graphic button on the display in Android Auto (where provided).

Navigation

(where provided)

If the "Nav" mode of the system is already active, or when a device is connected to the vehicle with a navigation session in progress, the system navigation mode is interrupted to continue the navigation session of the device.

The selection can be changed at any time by accessing the chosen navigation system and setting a new destination.

Exiting the Android Auto and Apple CarPlay apps

To end the Apple CarPlay or Android Auto session, physically disconnect the smartphone from the USB port of the vehicle or using the "Device Manager" menu.

VOICE COMMANDS

NOTE Voice commands are not available for languages not supported by the system.

To use voice commands, press the "Voice" (button on the steering wheel controls or the green button

or the button ① on the display (where provided) and say out loud the function you want to activate. Alternatively, where supported, the function can be activated by saying "Hey Fiat" or "Hey Uconnect" (if the user has previously enabled the function).

The list of available voice commands is shown on the display divided by categories.

Suggestion

A list of the most used voice commands is shown.

Phone

- □ Call <contact name>
- □ Call < number>
- Write message
- □ Call back
- ¬ Show recent calls
- ☐ Show outgoing calls
- Show missed calls
- Show received calls

Text

☐ Send a message to < contact> mobile / work

Media

- I want to listen to music
- Play < track> by < artist>
- \blacksquare Let me hear some < *genre*>
- Show my playlists
- Play album...
- Play artist...
- □ Play genre...
- Play playlist...

Radio

- I want to listen to music
- ☐ Play < track > by < artist >
- Let me hear some < genre>
- ☐ Show my playlists
- I want to listen to a radio
- Play radio < name>
- □ Play channel < number>
- ☐ Tune to < frequency> < FM>/< AM>
- Tune to < radio name>
- Tune to < radio name > DAB channel

Navigation

See the "Navigation" paragraph below.

Climate

- Set the temperature to < value>
- □ I'm cold
- Make it warmer
- Turn down the fan
- Turn on the A/C





















NAVIGATION

(where provided)

Press the "Nav" graphic button to show the navigation map on the display. You can use map view in the same way as you might look at a traditional paper

as you might look at a traditional pape map. You can move around the map using gestures, and zoom using the zoom buttons.

You can find your destination by selecting it on the map, choosing a saved destination (for example "Home" or "Work") or searching for an address using the "Search" button in the main menu.

After selecting the destination, a route is planned and shown on the "Map view" screen. The route bar appears on the right hand side of the display and provides an additional indication of events along the route, e.g. accidents and speed cameras. The arrival time and remaining distance are also available.

You can choose to view the route via a 3D image in the "Guidance view". NOTE The navigation system volume can only be adjusted during navigation when the system provides voice indications.

NOTE In some countries, the use of the keyboard is only permitted when the vehicle is stationary. If an attempt is made to enter text (e.g.

an address) with vehicle in motion or if driving is resumed without having completed engagement, a warning message will appear on the display and the operation will be ended. We recommend the use of voice commands while driving.

Navigation main menu

In "Map view" or "Guidance view", tap the "Main menu" button to open the menu.

The following buttons are available in the main menu:



"Search": select this graphic button to search for an address, a place or a point of interest, then plan a route to the location.



"Drive Home": Select this button to navigate to the location registered as "Home". If this button is displayed as "Add Home", select this button to set the location of your home.



"Drive to work": Select this button to navigate to the location registered as "Work". If this button is displayed as "Add Work", select this button to set the work position.



"Recent": Select this button to open the list of recent destinations. Select a recent destination to plan a route to that destination.



"Favourites": select this button to show the saved favourite places.



"Trips": select this button to show saved trips.



"Maps": select this button to display a list of installed maps. The maps are updated automatically.



"Settings": select this button to open the Settings Menu. In the "Settings" menu, you can change the items shown on the navigation display.

System buttons

The following buttons are available on the different screens of the navigation system:



After selecting a destination, clicking on a point on the map or using the search function, select this button. The navigation system will find the best route and, if available, two alternative routes. You can select an alternative to avoid tolls or heavy traffic, for example.



Use this button to decide whether to display the results on the map or in a list.



Use this button to access the "Route Options" menu. With an active route, you can change the route from this screen.



Select this button to return to the previous screen.



Select this button to return to the "Map view" screen.



Select this button to switch between the "3D direction up", "2D direction up" and "2D north up".



Select this button to choose between audio instructions, warning only or no sound.

Map update

To ensure optimal performance, the navigation system must be updated periodically.

The updates can be downloaded from the maps.mopar.eu website and installed directly on the **Uconnect™** system.

Map updates are included for the first 3 years, with the possibility of further renewals: more information is available at maps.mopar.eu.

The navigation system can also be updated at the Fiat Dealership. NOTE The dealer may charge for updating the navigation system.

Voice Commands

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 vehicle 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 $(\sqrt[4]{\epsilon})$:

- ☐ Find "POI" (Point of Interest)
- Go to "address"
- ☐ Go to "city name" centre

- Drive towards a town centre
- Navigate home
- Go via home
- □ Clear route
- Recent Destinations
- ☐ Stop at a recent destination
- 2D view
- □ 3D view

Volume adjustment

The volume of the navigation system can only be adjusted when the navigation system provides voice commands.

VEHICLE MODE

Pressing the "Vehicle" graphic button to access the pages: "Controls" and "Settings".

Checks

The "Controls" label contains for example: screen on/off, electrochromic internal mirror (where provided), rear camera.

Settings

The settings are available with the ignition device at MAR. You can access the settings in two ways by pressing the "Settings" button on the status bar, or from the main page of the function you are viewing, at the top right.

NOTE The menu items displayed vary according to the versions.





















| The menu is indicative and includes the following items: |
|--|
| ☐ My Profile |
| □ Language |
| □ Display |
| □ Units |
| |
| ☐ Safety and Driving Assistance ☐ Date and Time |
| |
| ☐ Phone/Bluetooth® |
| □ Camera |
| ■ Mirrors and Windscreen Wipers |
| ☐ Lights |
| ■ Brakes (where provided) |
| ■ Doors & Locks |
| ☐ Vehicle switch off options/OFF status |
| ☐ Audio/Audio Settings |
| ☐ Radio Setup |
| ☐ Geolocation |
| ☐ Software update |
| ☐ System information |
| Reset |

APP

Pressing the graphic button "App" will display the "Favourites", "Recent", "Other categories" and "All" submenus.

Favourites

The "Favourites" submenu contains (for versions/markets, where provided) the "Electrical functions" and "Performance" pages.

The "Favourites" page can contain up to 6 favourite pages. A message will indicate that you have reached the

maximum number of pages allowed if you try to add an additional page.

To add or remove an app from the Favourites list, select or deselect the star that appears on the app icon in the list shown in the "Recent", "Categories" or "All" pages. A pop-up will tell you whether you want to save the app in your favourites or not. The operation can be cancelled by selecting "Cancel" or "X".

Recent

The "Recent" submenu contains recently used or downloaded apps. The user will see a list of apps arranged in chronological order.

In the "Recent", "Categories" and "All" submenus you are prompted by a message to press the star on the App icon to add it to your favourite app list.

Other categories

The "Other categories" submenu contains the list of filtered categories between apps. The following are displayed in order: Media, Clima (where provided), Nav (where provided), Telephone, Vehicle, System and more. The applications in each category are displayed in alphabetical order.

ΑII

The "All" submenu all available apps and allows the user to search for them

in alphabetical order from A to Z or Z to A.

WIDGETS

On the main page, you can view summary pages of **Uconnect™** system functions (called "widgets") from a list of available widgets. To add a Widget, press the button ✓ on the display and select the desired Widget from the list.

Some Widgets can also be customised by pressing the button \nearrow next to the title. This will open the customisation screen.

The number of Widgets which can be installed per page depends on their size. You can add multiple pages (up to a maximum of five in total) by pressing the "+" button on the display. To switch between pages, simply touch the page briefly and swipe your finger rightwards or leftwards.

Pages can be deleted using the "Delete page" function or reordered using the "Reorder pages" function.

NOTE Customisation is only active when the vehicle is stationary. If an attempt is made to customise with the vehicle in motion or to resume driving without having completed the procedure, a warning message will appear on the display and the operation will be ended.

MOVING THE WIDGETS

Select the desired widget and then:



Moving the widget: hold the desired widget pressed for a few seconds and then move it to the right or left of the display.



Resizing the widget: press the widget resize icon to be resized.



View widget content: select the desired widget and then scroll vertically. When reordering the widgets (viewing their thumbnails), it will not be possible to view their contents.

PROFILES

(where provided)

By entering the Profiles environment you can create an avatar and enter your own customisations.

Selecting "All profiles" displays all existing profiles. Up to 5 different profiles can be saved. Profiles can be deleted in bulk using the "Delete personal data" function in the "Settings" menu.

To create your profile select "Create profile" and type in the name of your choice, choose one of the available avatars and store the car seat you normally occupy.

You can exclude all profiles and keep the default settings by pressing on the "Valet" mode, using the button on the "All profiles" page.

UPDATING THE SYSTEM

The **Uconnect™** system can be updated remotely via Over The Air upgrade.

NOTE The images are given by way of example only. They may differ from those shown below according to the version/market.

NOTE Instead of using external Wi-Fi connections, Over The Air software updates use the data connectivity included with vehicle, at no additional cost to the customer.

When a software update is available, a pop-up window will appear on screen informing that a new software version or new features for the **Uconnect™** system are available.

NOTE The rear-view camera,

Uconnect™ system and other driver assistance systems are not available during the update. It is recommended to carry out the update when the vehicle is stationary.

Instant update

Press the "Update Now" button fig. 350 to update the software immediately when the pop-up window appears on screen.

Scheduled update

In case of a mandatory update, press the "Update now" or "Schedule update" button fig. 350. The scheduled update option allows you to define a different update time. Press the arrows \triangle/∇ on the screen to set the desired time.























350 F1A0758

NOTE The scheduled update option can be used 20 times per update. After the 20th postponement the update will be made mandatory when the vehicle is first started. In case of a mandatory update you can only press the "OK" button on the pop-up and start the update.

During the update the radio will show the percentage of the update completed and the time remaining until completion fig. 351. When the update is complete the **Uconnect™** system will automatically restart.



35 l F1A0759

Updates over external Wi-Fi

When a software update via Wi-Fi is available, a pop-up window will appear on the screen offering the update instantly or at a later time.

NOTE The rear-view camera,

Uconnect™ system and other driver assistance systems are not available during the update. It is recommended to carry out the update when the vehicle is stationary.

To allow the **UconnectTM** system to update its software:

- ☐ Select "Settings" on the screen
- ☐ Select "Wi-Fi" in the settings list
- ☐ Select the correct Wi-Fi router from those shown

NOTE If the Wi-Fi router is too far from the vehicle, it will not be shown among the available ones.

☐ If prompted, enter the password to access the router and select "OK".

To enable software updates:

□ Select "Enable software download over Wi-Fi" on the Wi-Fi settings screen.

□ When a software update is available, a pop-up window will appear on the **Uconnect™** system screen to alert you that a new update is available. When asked to connect to a Wi-Fi network, select "Yes".

□ During the update, a second popup screen shows the estimated time remaining and the progress percentage of the update. When the update is finished, press "OK".

Instant update

When the pop-up window appears on screen, press the "Update Now" button to update the software immediately.

Scheduled update

Use the scheduled update option to set a deferred update time. Press the arrows \triangle/∇ on the screen to set the desired time.

NOTE The scheduled update option can be used 20 times per update. After the 20th postponement the update will be made mandatory when the vehicle is first started. In case of a mandatory update you can only press the "OK" button on the pop-up and start the update.

During the update the radio will show the percentage of the update completed and the time remaining until completion fig. 351. When the update is complete the **Uconnect™** system will automatically restart.

Update errors

In case of errors during the update, the operation will be interrupted and the following messages will appear:

- □ "An error has occurred. The system will revert to the previous software version."
- □ "Update failed. An error occurred during the update procedure. Please contact your dealer. Error code: XXXX" Contact a Fiat Dealership in these cases.





















Uconnect™ Radio

CONTROLS ON FRONT PANEL



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FRONT CONTROL PANEL SUMMARY TABLE

| Button | Functions | Mode |
|--------|--|-----------------------------|
| RADIO | Source selection: AM, FM, DAB (where provided) | Brief button press |
| MEDIA | Source selection: USB, Bluetooth[®] audio | Brief button press |
| Ø | Volume on/off (MUTE) | Brief button press |
| | Switching the system on | Brief button press |
| VOL | Switching the system off | Long button press |
| | Volume adjustment | Left/right rotation of knob |
| ►II | Activation/deactivation of Play (playback) / Pause function | Brief button press |
| 1 >< | Radio source: Select the radio station stored under "Preset 1" Media source: On/Off random playback of tracks in the device | Brief button press |
| | Radio source: Store the radio station currently playing under "Preset 1" | Long button press |
| 2144 | Radio source: Select the radio station stored under "Preset 2" Media Mode: Select the previous track | Brief button press |
| | Radio source: Store the radio station currently playing under "Preset 2" Media Source: Fast backward track playback | Long button press |
| | USB port | - |
| 3 ▶▶ | Radio source: Select the radio station stored under "Preset 3" Media source: Select the next track | Brief button press |
| | Radio source: Store the radio station under "Preset 3" Media source: Activate quick search function | Long button press |



















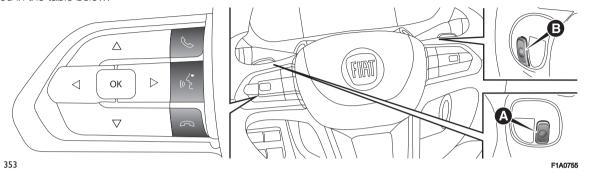


| Button | Functions | Mode |
|---|---|-----------------------------|
| 4¢ | Radio source: Select the radio station stored under "Preset 4" Media source: On/Off repeat tracks in USB device | Brief button press |
| | Radio source: Store the radio station currently playing under "Preset 4" | Long button press |
| * | Access the settings menu Brief button pres | |
| | Confirmation of the option displayed Open browsing list (Radio or Media mode) | Brief button press |
| BROWSE ENTER | Scrolling the list or tuning to a radio station Display list of stations (Radio mode) Scroll contents of sources (Media mode) Media source track change Station change (RADIO mode) | Left/right rotation of knob |
| Exit the selection/return to previous screen Brief I | | Brief button press |
| Phone mode selection and acceptance of incoming phone call Acceptance of the second incoming call and putting the active call on hold Brief button | | Brief button press |
| ☐ Rejection of incoming call ☐ Ending of call in progress ☐ Brief button | | 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.























STEERING WHEEL CONTROLS SUMMARY TABLE

| Button | Interaction |
|-------------------------------|---|
| • | ☐ Acceptance of incoming call☐ Acceptance of the second incoming call and putting the active call on hold |
| (^{, 2} [*] | □ Activation of "Siri" function recognition (where provided) or voice assistant □ Brief press: interruption of the voice message in order to give a new voice command (applies to "Siri"); for "Google": close voice session □ Long press: voice recognition interruption |
| | □ Rejection of incoming call □ Ending of call in progress |

CONTROLS BEHIND THE STEERING WHEEL

| Buttons | Interaction |
|--|---|
| Button A (steering wheel left side) | |
| Upper button | ☐ Short press: next radio station search / next preset (according to the "Steering Wheel Seek Buttons" setting) (Radio source), next track selection (Media source) ☐ Long button press: scan of higher frequencies until released/fast forward of USB track |
| Central button | With each press it scrolls through sources AM, FM, DAB, USB. Only the available sources will be selected. |
| Lower button | ☐ Short press: search previous radio station / previous preset (according to the "Steering Wheel Seek Buttons" setting) (Radio source), select previous track (Media source) ☐ Long button press: scan of lower frequencies until released/ fast forward of USB track |
| Button B (steering wheel right side) | |
| Increasing volume Upper button Brief button press: single volume increase Long button press: fast volume increase | |
| Central button | Activation/deactivation of Mute function |
| Lower button | Decreasing volume ☐ Brief button press: single volume decrease ☐ Long button press: fast volume decrease |





















SYSTEM ON / OFF

The system is switched on by briefly pressing the VOL button/knob on the front panel.

The system is switched off by long pressing the VOL button/knob on the front panel.

RADIO MODE SELECTION

To activate the Radio mode press the RADIO button on the front panel. The display will show the active frequency mode (AM, FM or DAB - for versions/markets, where provided).

SELECTING A FREQUENCY BAND

Briefly press the RADIO button on the front panel to select the desired frequency band.

INFORMATION ON THE DISPLAY

After the desired radio station is selected, the following information is shown on the display:

In the upper part: currently selected frequency band display (AM, FM or DAB - for versions/markets, where provided).

In the central part: display name (if available), frequency and storage number (within the list of favourite radio stations) of the listening radio station.

In the lower part: display additional information (if available) of the radio station you are listening to.

FM station list

Press the BROWSE ENTER button/knob to display the complete list of the FM stations that can be received.

SETTING THE PRESETS

The preset stations are available in all system modes and are selected by touching one of the presetting buttons **1-2-3-4** on the front panel.

If you are tuned to a radio station that you wish to store, hold down the button on the display which corresponds to the desired preset.

RADIO STATION SELECTION

To search for the desired radio station as follows:

- ☐ press the BROWSE/ENTER button/knob to access the Radio menu:
- select "Available Stations";
- turn the BROWSE ENTER button/knob clockwise or anticlockwise:
- ☐ press the BROWSE ENTER button/knob to confirm.

Selecting a DAB radio category

To select one of the DAB radio categories activate the "Browse" menu

for the DAB function and then select one of the following options:

- ☐ "Preset": this displays the list of stored presets;
- ☐ "Available Stations": this displays the list of available DAB stations;
- □ "Genres": to search for a category by choosing from the various available genres.

RADIO STATION ALPHABETIC SELECTION

Using the "ABC Jump" function, you can, according to the selected letter, position yourself alphabetically on the first of the available FM or DAB (for versions/markets, where provided) stations for that letter.

PREVIOUS / NEXT RADIO STATION SEARCH

Press the button of Button A on the steering wheel controls (if Preset Search is selected in Settings): when the buttons are released, the radio station of the previous or next preset is displayed.

PREVIOUS / NEXT RADIO STATION FAST SEARCH

Press the buttons of Button A of the steering wheel controls (if the Frequency Search option is selected in Settings) to perform the quick search: when the buttons are released, the first tunable radio station is played.

MEDIA MODE

A dedicated messages will appear on the display if no Media device is connected to the system or if the connected Media source is not recognised by the system.

NOTE Audio from the **Bluetooth**® connected device does not play in RADIO (AM, FM or DAB) modes, only in **Bluetooth**® MEDIA mode.

CHANGE TRACK (next/previous)

Turn the BROWSE ENTER button/knob clockwise to play the next track turn the BROWSE ENTER button/knob anticlockwise to go back to the beginning of the selected track or to the beginning of the previous track if the current one has been playing for less than 3 seconds.

NOTE The BROWSE/ENTER knob is not supported by Apple devices connected via USB.

Short press button 3 ►► to play the next track.

TRACK FAST FORWARD

Long press button 3 ►► to fast-forward the selected song.

Long press button 2 ◄ to quickly reverse the selected song.

SHUFFLE

REPEAT

Press button 4 🗘 to activate the function.

The following functions are available:

- "Repeat all": repeat all tracks;
- $\hfill \blacksquare$ "Repeat one": repeat the single track;
- "Repeat off": deactivate the function.

USB MODE

To activate the USB mode, insert a USB flash drive into the USB port on the front panel. The display will show the first track available in play.

Press the BROWSE/ENTER button to open the following:

- All tracks
- □ Artists
- **¬** Albums
- **¬** Genres
- Playlists
- ☐ Podcasts (Apple devices only)
- Audiobooks (for Apple devices only)
- Folders

Turn the BROWSE ENTER button/knob to select the desired option and then press the button/knob to confirm the selection.

NOTE If you insert a USB flash drive into the port on the front panel, if the

"Autoplay" function is ON, all files in all folders will be played automatically. WARNING After using a USB charging port, we recommend disconnecting the device, always removing the cable from the vehicle port first, never from the device. Cables left flying or connected incorrectly could compromise correct recharging and/or the USB socket condition.

PHONE MODE

Phone mode activation

To activate Phone mode, register your phone to the system using **Bluetooth**®.

The following options will appear on the display:

☐ "Browse": to view the list of
"Contacts", "Recent Calls" and the
graphic keypad on the system display;
☐ "Settings": this can be used to
access the "Settings" menu related to
Phone mode, including connecting or
registering a new phone.

Turn the BROWSE ENTER button/knob to select the desired option and then press the button/knob to confirm the selection.

Pairing a mobile phone

The pairing procedure for a mobile phone is described below: always consult the handbook for the mobile phone in any case.





















- ☐ Access the "Settings" menu of the Phone;
- □ turn the BROWSE ENTER button/knob to select the "Pair new phone" option: a dedicated screen will appear on the display.

The "Settings" Menu can be accessed by selecting the "Settings" button in the "Phone" Menu, or by pressing the "OK" button in the "Phone" Main Menu (when no mobile phone is connected). After selecting it, the "Pair new phone" pairing procedure will start if the vehicle speed is below the maximum permitted threshold.

If the vehicle speed exceeds this threshold, the message "Function not available while vehicle is moving" will appear on the display.

If the pairing process can start when "Pair new phone" is selected pop-up screen indicating the device name and a random 4-digit PIN will appear on the display.

When the vehicle name is selected, and if the 4-digit PIN has been entered correctly in the device, a pop-up message will appear on the display to start the procedure.

The 6-digit confirmation screen automatically replaces the previous one and driver confirmation is required on both the device and the system. Once the PIN has been confirmed, both on the system and the paired device, the pairing procedure will start. If the pairing procedure is successful, the new device is recorded and connected as audio and phone mode.

The driver will be prompted whether to download the phonebook or not. If the connected device has "Siri" or another voice Voice Assistant function, the corresponding icon will appear on the system display.

NOTE The priority is determined according to the order of connection for mobile phones which are not set as favourite. The first connected phone will have the highest priority and will be the first device displayed on the list.

Pairing a Bluetooth® audio device

The pairing procedure of an audio device is performed by pressing the **PHONE** button on the front panel and selecting "Settings". The display will show information (if available) about the connected device, the pairing was successful.

Pairing of a Bluetooth® mobile phone

The system connects automatically to the paired mobile phone with the highest priority.

To select a mobile phone or a specific **Bluetooth®** audio device, proceed as follows:

- □ access the "Settings" menu of the Phone;
- ☐ turn the BROWSE ENTER
 button/knob and select the "Connect"
 option;
- □ press the BROWSE/ENTER button/knob to confirm the selection: a dedicated screen will appear on the display.

Unpairing of a Bluetooth® mobile phone

To disconnect a specific mobile phone or **Bluetooth®** audio device, proceed as follows:

- □ access the "Settings" menu of the Phone;
- □ turn the BROWSE ENTER button/knob and select the "Delete" option;
- □ press the BROWSE/ENTER button/knob to confirm the selection: a dedicated screen will appear on the display.

Making a phone call

A call can be made by:

- ☐ selecting a contact in the phonebook and then selecting "OK" press
 BROWSE/ENTER key to start the call;
 ☐ by dialling a phone number using the
- □ by dialling a phone number using the graphic keypad on the display and then selecting the "Call" option.

using the system (never allow yourself to be distracted while driving). When a phone number is dialled with the keypad of the mobile phone, the audio of the call is played over the sound system of your vehicle.

Answering a call

To answer the incoming call, press the PHONE button on the front panel or on the steering wheel controls.

Ending a call

To end a call, press the - button on the front panel or on the steering wheel controls

Siri Eves Free

(available only with iPhone 4S and subsequent versions and compatible iOS versions)

The "Siri" function can be used to use vour voice to send text messages, play the content of the device, make phone calls and much more. Siri understands and replies in natural language and interacts with requests.

Proceed as follows to interact with "Siri":

pair the "Siri" enabled device with the UConnect™ system;

□ press and release the button (\$\frac{1}{2}\$ on the steering wheel. When you hear the double beep, the system is ready and

you can interact with "Siri" to impart the desired commands.

Voice assistant

(only available with Android compatible mobile phones)

The "Voice Assistant" function can be used to use your voice to send text messages, play the content of the device, make phone calls and much more. "Voice Assistant" understands and replies in natural language and interacts with requests.

Proceed as follows to interact with Voice Assistant:

- □ pair the "Voice Assistant" enabled device with the **UConnect™** system; □ press the (\$\forall \text{ button on the steering} wheel (long press). When you hear the
- double beep, the system is ready and you can interact with "Voice Assistant" to impart the desired commands.

SETTINGS

Press the 💢 button on the front panel to display the "Settings" menu, . The menu includes the following items:

- □ "Audio"
- "System"
- "Radio"
- "Rear View Camera"

Audio

The following adjustments can be carried out using the "Audio" menu:

- □ "Bass":
- "Medium":
- □ "Treble":
- "Balance":
- "Fade" (only available with rear speakers):
- □ "Loudness" (where provided):
- "Speed-dependant volume";
- "Volume limits at startup"

System

The following adjustments can be carried out using the "System" menu:

- "Auto-on"
- "Radio Off Delay"
- "Autoplay"
- "Restore Default"
- ¬ "Clear Personal Data"
- "Steering Wheel Seek Buttons"

PARKVIEW® REAR BACK UP CAMERA

The vehicle may be equipped with a ParkView® Rear Back Up Camera, which shows an image of the area surrounding the rear of the vehicle on the system display.

The camera images can be viewed in the following cases:

- reverse gear is engaged;
- when the tailgate is opened;
- ¬ when the camera is activated manually via the camera menu.





















CONNECTED SERVICES -UCONNECT SERVICES

A 248)

(where fitted)

Uconnect Services connected services enrich the experience of use of the vehicle by connecting it to the network. The services (where provided) allow you to receive timely assistance in case of need and emergency, to obtain information about the conditions of your vehicle, its location, control it remotely and to improve the navigation experience (where provided) through real-time updates.

You can access the Uconnect Services through the dedicated "FIAT app" for smartphones or smartwatches, a web portal, or the **UconnectTM** system of your vehicle.

The availability of services requires a UConnect Services contract.

In-Vehicle Activation is a feature for accessing the activation procedure of connected services directly from the radio by entering your email address. Read more about the Uconnect Services – applicability, availability, compatibility, packages and specifications – on the Fiat Professional website.

GENERAL DISCLAIMER

Personal data & privacy

- ☐ FCA collects, processes and uses the personal data of the vehicle in accordance with legal requirements. Read more about the general conditions of service and data protection policies on the official Fiat Professional website.
- ☐ The customer is solely responsible for using the services in the vehicle, even if by other people, and shall inform all users and occupants of the vehicle about the services and the functions and limits of the system.
- ☐ If Help emergency service is activated, the call will be automatically routed to a private FCA Call Centre. Note that whenever the text refers to the HELP call, it is to be considered managed by private service providers.

Operating prerequisites

- ☐ To use some of the Uconnect Services you need to register on the dedicated portal that can be accessed from the Fiat Professional official website Professional, activate and login to your devices.
- □ Uconnect Services not available in all markets and is subject to limitations depending on **Uconnect™** system

type, location and duration of the services.

- ☐ The full operation of the Uconnect Services, including Help calls and ASSIST calls, is subject to mobile network and GPS geo-location coverage, without which the proper provision of services is not guaranteed. Coverage may not be guaranteed in places such as tunnels, garages, multi-storey car parks, mountains.
- ☐ The services may be unavailable in the event of mobile network overload or problems related to the vehicle power source (e.g. low battery).
- ☐ When using the services, customers shall keep their passwords secret for strictly personal use and not to disclose them to third parties.

SERVICES

NOTE The date and time shown on the **Uconnect™** system display must match the actual date and time, even after disconnecting the battery. Adjust it from the "Settings" menu of the **Uconnect™** system. Any discrepancy between the date and time on the display and the actual date and time may be due to a malfunction in the Connected Services.

WARNING Some of the services listed below may not be available if the vehicle is left with the motor off for more than 20 days. Start the engine to reactivate these 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 (where provided): Customer assistance and safety warning service, which (where provided) includes:
 - "Help and ASSIST emergency call" (see "In emergency" section).
 - "Vehicle Health Report": information on the status and condition of the vehicle, notifying potential maintenance needs to the customer via "FIAT app" and web. This service is provided on condition that the Customer has previously provided the FCA network with a valid e-mail address.
 - "In-Vehicle Notifications": possibility to receive messages and/or notifications related to the provision of services and reminder messages about the execution of service and/or recall campaigns on **Uconnect[™]** system display.

You can contact FCA Customer Service for further information regarding the messages received.

- My Car: vehicle status monitoring service: Notification on mobile "FIAT app" of any faults in vehicle operation.
 My Remote: this can be used to
- ☐ My Remote: this can be used to manage remote operations (switching on lights, door lock/unlock, find vehicle, etc.) from the mobile "FIAT app" and through compatible voice assistants. It also allows you to set up Driving Warnings with notifications, for example, when you exceed the set area or time.
- ¬ Mv Navigation: (subject) to availability, according to version/market): connected navigation service with real-time information on weather, traffic and speed cameras. The service also includes the "Send & Go" function to send the destination from the "FIAT app" to the navigation system of the vehicle and "Last Mile Navigation" to continue navigation from the smartphone if the last stretch of road is not reachable with the vehicle. The Over-The-Air Map Update service allows you to take advantage of the latest version of maps without the need for manual updates.
- ☐ My Wi-Fi (where provided): Optional Wi-Fi Hotspot service. This service provides Internet access from the

vehicle to all devices with Wi-Fi connection (smartphones, tablets, laptops) (supported technologies: 3G – 4G). This creates a private Wi-Fi internet access point in the vehicle. The function, available only with the ignition device to MAR or with the engine running allows the connection of up to eight devices simultaneously, but not direct communication between devices. The quality of the service offered by the integrated Wi-Fi Hotspot depends on the coverage of the mobile operator's network.

Users with active data plan with the Wi-Fi Hotspot service can also use the radio- Recognition service on-board the vehicle to perform operations, such as checking the weather or news, playing music, interacting with the navigation system and remotely controlling intelligent devices in their home.

NOTE: The hotspot name and password can only be changed with the starter in MAR position and the engine running.

- ☐ My Alert: optional service with app and notifications via "FIAT app" in case of suspected theft attempts and assistance in case of theft.
- ☐ My Fleet Manager: package for managing vehicle and light commercial vehicle fleets efficiently and securely.





















You can enrich your Uconnect Services experience by purchasing optional services for which a subscription is required.

The services can be subscribed to independently by the customer from the catalogue of services available for the vehicle, directly on the personal page of the official Fiat Professional website.

DEACTIVATION OF GEOLOCATION MODE

(where provided)

If you wish to deactivate geolocation mode, simply do so from the **UconnectTM** system (see the "Settings" menu of the **UconnectTM** system for more details).

When geolocation mode is deactivated some of the services on "FIAT app" or mobile devices and web that use the location of the vehicle will not be available.

WARNING The ♥ icon at the top of the Uconnect™ display indicates that the geo-location function is active (ON). When geolocation is on, the vehicle position is tracked to enable the functions that require it. When geolocation is off, the vehicle position is only tracked by the navigation, safety, insurance and driver assistance

systems (where provided). See the **Uconnect™** system "Settings" paragraph to deactivate the function.

UPDATING THE SYSTEM

Uconnect Services and the Uconnect™ system application software are updated remotely in order to provide the customer with newer software versions that include new features or enhancements/enrichments of features already offered.

Updates are made at the discretion of FCA.

Some system updates will be managed automatically, others will be communicated to the Customer by showing messages on the display of the **UconnectTM**, allowing the customer to confirm or postpone the update itself.

The customer will be notified by the **Uconnect™** system if the system is unavailable.

To read more about services, features, specifications, availability and any updates please always refer to the content included in the official Fiat Professional website.

DEACTIVATING UCONNECT SERVICES

If you sell your vehicle on which the Uconnect Services are still active, you

will be responsible for logging off your profile from the services on the page on the official Fiat Professional website, by contacting the Customer Care or by going to a Fiat Professional Dealership. You will also be responsible for informing the new owner of any services which have not yet expired associated with a new Uconnect Services account.



WARNING

248) Always follow the highway code of the country in which you are driving, and concentrate on the road. Always drive safely with your hands on the steering wheel. Only use the Uconnect™ system functions when you are sure that it is safe to do so. The customer is liable for all risks associated with using the functions and applications of the vehicle. Failure to follow these rules may cause serious accidents and/or death.

OFFICIAL TYPE APPROVALS

Radio devices

The **Uconnect™** system complies with Directive 2014/53/EU, UA.RED.TR and the French SAR Decree Law of 15/11/2019.

For more information about certifications and open source lists available for vehicle components use the following link:http://aftersales.fiat.com/elum/

Radio frequency devices

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.

























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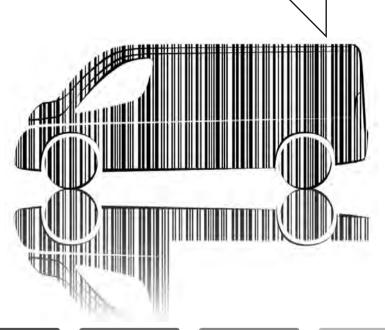
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Always ask for and make sure a **Genuine Part** has been used.

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