

F I A T P A N D A



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

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

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

ONLINE VEHICLE OWNER HANDBOOK

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

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

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

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

Have a nice reading and happy motoring!

Dear Customer,

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

We have written this handbook to help you get familiar with all the features of your car.

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

You are advised to read it right through before taking to the road for the first time, to become familiar with the controls and above all with those concerning brakes, steering and gearbox; at the same time, you can understand the car behaviour on different road surfaces.

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

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

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

We are sure that these will help you to get in touch with and appreciate your new car and the service provided by the people at Fiat.

Enjoy reading. Happy driving!

ATTENTION

This Owner Handbook describes all versions of the Fiat Panda, it is therefore necessary to please consider only the information relevant to the trim level, engine and version of your car. All data contained in this publication is 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



Petrol engines: only refuel with unleaded petrol with octane rating (RON) not less than 95 in compliance with the European specification EN228. Using these mixtures may cause misfiring and driving issues, as well as damage fundamental components of the supply system.

LPG engines: refuel only with LPG for motor vehicles conforming to the European specification EN589. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused.

Refuelling with methane: refuel only with methane for motor vehicles. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused. For further details on the use of the correct fuel see the "Refuelling the car" chapter in the "Starting and driving" section.

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

STARTING THE ENGINE



Make sure that the handbrake is engaged and place the gear lever in neutral. Fully depress the clutch pedal, without pressing the accelerator, then turn the ignition key to the MAR position and wait for the warning light  to switch off: turn the ignition key to the AVV position and release it as soon as the engine starts.

PARKING ON FLAMMABLE MATERIAL



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

RESPECTING THE ENVIRONMENT



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

ELECTRICAL ACCESSORIES



If after buying the car, you decide to install electrical accessories (with the risk of gradually draining the conventional lead battery), contact a Fiat Dealership. They can calculate the overall electrical requirement and check that the electric system in the car is able to support the required load.

SCHEDULED SERVICING



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

USE OF THE OWNER HANDBOOK

OPERATING INSTRUCTIONS

Each time direction instructions (left/right or forwards/backwards) about the vehicle are given, these must be understood as regarding an occupant in the driver's seat. Special cases not complying with this rule will be specified as appropriate in the text. The figures in the Owner Handbook are provided by way of example only; this might imply that some details of the image do not correspond to the actual arrangement of your car. In addition, the Handbook has been conceived considering vehicles with steering wheel on the left side; it is therefore possible that on vehicles with steering wheel on the right side, the position or construction of some controls is not exactly mirror-like with respect to the figure.

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

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

WARNINGS AND PRECAUTIONS

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

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

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

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



personal safety;



vehicle safety;



environmental protection.

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

NOTE Where the text refers to the "conventional battery", it means the 12 V service lead battery located in the engine compartment; where the text refers to the "auxiliary battery", it means the 12 V lithium drive battery for the hybrid system, located under the left seat.

SYMBOLS

Some car components have coloured labels whose symbols indicate precautions to be observed when using this component. A plate summarising these symbols can also be found under the bonnet.

CHANGES/ALTERATIONS TO THE CAR

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

MULTIMEDIA CONTENT



The description of some features of the car is completed by video support. To view the contents:

- ☐ check availability on your mobile device of an app for reading QR codes;
- ☐ scan the QR code located at the relevant topic using your mobile device;
- ☐ access the video content.

NOTE The multimedia content is only available in some languages.

GETTING TO KNOW YOUR CAR

KNOWING THE INSTRUMENT PANEL

SAFETY

STARTING AND DRIVING

IN AN EMERGENCY

SERVICING AND MAINTENANCE

TECHNICAL SPECIFICATIONS

MULTIMEDIA

CONTENTS



GETTING TO KNOW YOUR CAR

In-depth knowledge of your new vehicle starts here.

The handbook you are reading will tell you how things are done, and how it works in a simple, direct way.

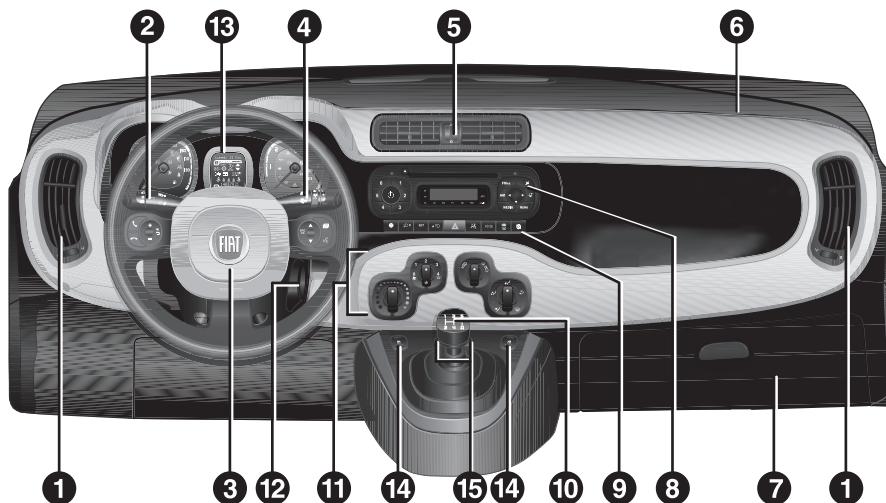
That's why we advise you to read it seated comfortably on board, so that you can see immediately what is described here for yourself.

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DASHBOARD

The presence and position of controls, instruments and gauges may vary depending on the versions.



I

F1D0131

1. Adjustable and directable air diffusers 2. Exterior light control stalk 3. Driver front airbag 4. Windscreen wiper/rear window wiper/trip computer control lever 5. Adjustable and directable central air vents 6. Passenger front airbag 7. Glove compartment (for versions/markets, where provided) 8. Radio (for versions/markets, where provided) 9. Control buttons 10. Gear lever 11. Heating/ventilation/climate control system controls 12. Ignition device 13. Instrument panel 14. Electric front windows 15. ECO/ASR OFF buttons (for versions/markets, where provided)

THE KEYS



MECHANICAL KEY

The metal insert of the key activates: the ignition device, the driver's side and passenger's side door locks (for versions/markets where provided) and the luggage compartment lock.

KEY WITH REMOTE CONTROL

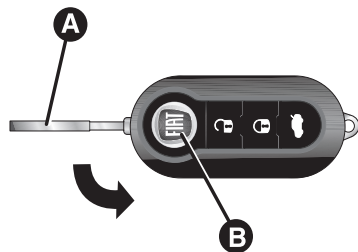
(for versions/markets, where provided)



Metal insert (A) fig. 2 of the key operates:

- ☐ the ignition device;
- ☐ the driver side door and, for versions/markets where provided, the passenger side door.

Press button (B) fig. 2 to open/close the metal insert.



2

F1D0005

Press button  briefly: unlock doors and boot, timed operation of ceiling lights, two blinks of direction indicators (for versions/markets, where provided).

Briefly press the  button: lock of doors and boot with ceiling lights off and single flash of direction indicators (for versions/markets, where provided).

Press the  button: remote opening of the luggage compartment and double flashing of the direction indicators.

REQUEST FOR ADDITIONAL KEYS

If you need a new mechanical key or a new key with remote control, go to a Fiat Dealership, taking an ID document and the car ownership documents. The system can recognise up to 8 keys with incorporated remote control.



WARNING

1) Press button (B) only with the key away from your body, especially your eyes and from objects which could get damaged (e.g. your clothes). Do not leave the key unattended to avoid the button being accidentally pressed while it is being handled, e.g. by a child.



IMPORTANT

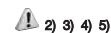
1) The electronic components inside the key may be damaged if the key is subjected to strong shocks. In order to ensure complete efficiency of the electronic devices inside the key, it should never be exposed to direct sunlight.



IMPORTANT

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

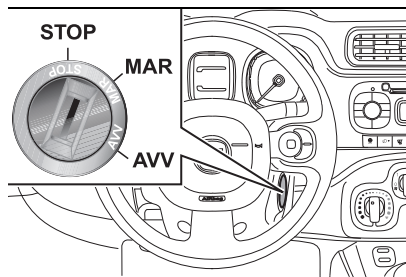
IGNITION DEVICE



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

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





3

F1D0006

The ignition device is fitted with a 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.

STEERING LOCK

Activation

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

Deactivation

Move the steering wheel slightly and turn the key to MAR.



WARNING

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

- 3)** Always remove the key when you leave your car to prevent someone from accidentally operating the controls. Remember to engage the handbrake. Engage 1st gear if the car is parked uphill or reverse if the car is parked downhill. Never leave children unattended in the car.
- 4)** It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g.: installation of anti-theft device) that could badly affect performance and safety, invalidate the warranty and also result in non-compliance of the car with type-approval requirements.
- 5)** Never remove the key while the car is moving. The steering wheel will automatically lock as soon as it is turned. This holds true for cars being towed as well.

THE FIAT CODE SYSTEM

This is an electronic engine locking system which increases protection against attempted thefts of the car. It is automatically activated when the ignition key is removed.

OPERATION

Each time the car is started by turning the ignition key to MAR, the Fiat CODE system control unit sends a recognition code to the Powertrain Control Module to deactivate the immobiliser.

The code is sent only if the Fiat CODE system control unit has acknowledged the code received from the key.

Each time the ignition key is turned to STOP, the Fiat CODE system deactivates the functions of the engine control module. If, during starting, the code is not correctly recognised, the  warning light switches on in the instrument panel. In this case, turn the key to STOP and then to MAR; if it is still locked, try again with the other keys that come with the car. Contact a Fiat Dealership if you still cannot start the engine.

If the  warning light switches on, this means that the system is running a self-diagnosis (for example due to a

voltage drop). Should the fault persist, contact a Fiat Dealership.

DOORS

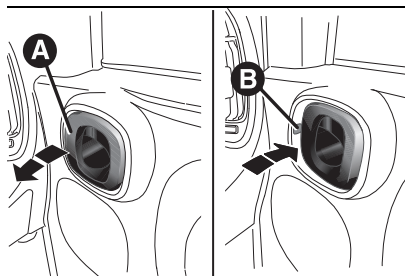


LOCKING/UNLOCKING DOORS FROM THE INSIDE

Push the control lever (A) fig. 4 toward the door, to lock the doors or pull it to unlock them. With central door locking system (for versions/markets, where provided), operating the lever (A) on the driver's side will lock/unlock all the doors.

Operating lever (A) on the other doors locks/unlocks only the door concerned. With mechanical lock, locking/unlocking takes place operating the single control levers.

WARNING The locked door condition is indicated by the red printing (B) fig. 4.



4

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LOCKING/UNLOCKING DOORS FROM THE OUTSIDE

Mechanical key: insert the metal insert in the lock and turn it.

Key with remote control (for versions/markets where provided): press the button to lock the doors, or the button to unlock the doors.

WARNING Before opening a door, ensure that you can do it in conditions of safety. Open the doors only when the vehicle is stationary.

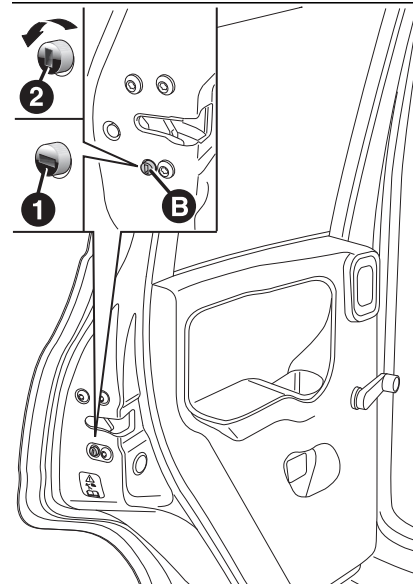
CHILD SAFETY DEVICE



This system prevents the rear doors from being opened from the inside. This device (B) fig. 5 can be engaged only with the doors open:

☐ (1) position - device engaged (door locked);

☐ position (2) - device not engaged (door may be opened from the inside). The device remains engaged even if the doors are electrically unlocked.



5

F1D0716

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





WARNING

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

SEATS



FRONT SEATS

⚠ 7) 8) 9) 10) 11) ⚠ 2)

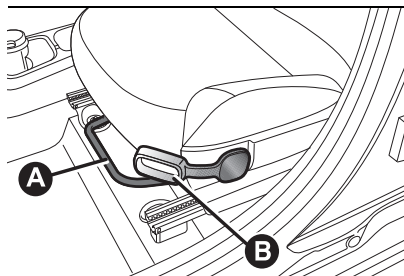
Longitudinal adjustment

Lift lever (A) fig. 6 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

(for versions/markets, where provided)
Adjust lever (B) fig. 6 up or down until the required height is reached.

WARNING Carry out the adjustment whilst seated in the driver's seat.

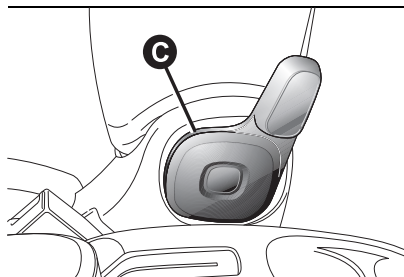


6

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Backrest angle adjustment

Operate lever (C) fig. 7 until the desired position is reached, then release the lever.

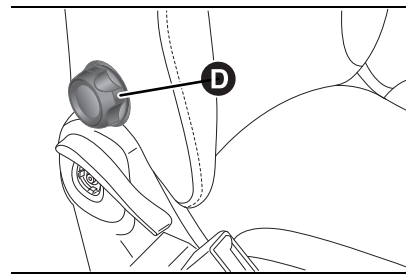


7

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Lumbar adjustment

(for versions/markets, where provided)
The position of the back against the seat backrest is adjusted by turning knob (D) fig. 8.

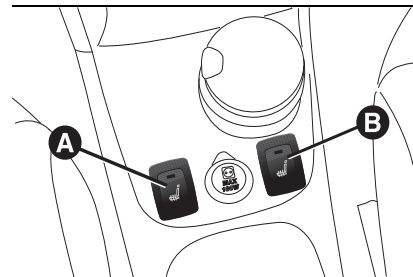


8

F1D0715

FRONT SEAT ELECTRIC HEATING

(for versions/markets, where provided)
With the ignition key turned to MAR, press button (A) or (B) fig. 9 respectively to turn the function on. To deactivate the function press the button again.



9

F1D0145

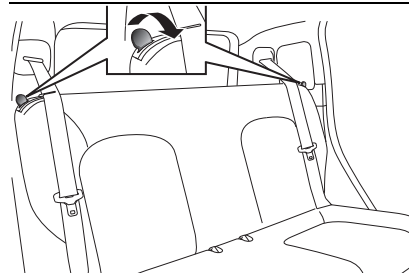
REAR SEATS

Extending the boot



Proceed as follows:

- remove the rear shelf;
- move the seat belts to the side, making sure that they are correctly extended and not twisted;
- if there is a third rear seat (for versions/markets, where provided), release the central belt, winding the buckle into its housing on the roof panel;
- operate the levers at the sides of the rear seats fig. 10 pushing them towards the inside of the vehicle, fold the backrest and then bring the backrest onto the cushion.



10

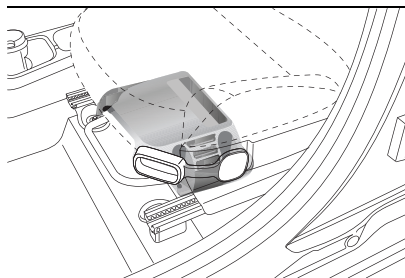
F1D0034

Repositioning the backrests

Move the seat belts to the side, making sure that they are correctly extended and not twisted. Lift up the backrest folded previously until a click is heard for the engagement mechanism.

PRECAUTIONS FOR SITTING CORRECTLY

(for 1.0 FireFly versions)



11

F1D0829

The auxiliary lithium battery (A) fig. 11 for the hybrid System is installed under the left front seat.



WARNING

- 7)** All adjustments must be made with the car stationary.
- 8)** If a side bag is fitted, it is dangerous to use seat covers not available from Lineaccessori MOPAR®.
- 9)** After releasing the adjustment lever, always check that the seat is locked on the guides by trying to move it back and forth. If the seat is not locked into place, it may unexpectedly slide and cause the driver to lose control of the car.

10) If passengers are seating in the rear seats, remove all potentially dangerous objects which may cause injuries in the event of an accident.

11) When adjusting the left front seat, the auxiliary battery may become available. Take care not rest your feet on the auxiliary battery cover to avoid damaging it and to avoid trapping your feet between the seat and the battery.



IMPORTANT

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

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

4) Do not rest your feet on the protective cover of the auxiliary lithium battery under the front left seat to avoid damaging the cover or battery.



HEAD RESTRAINTS

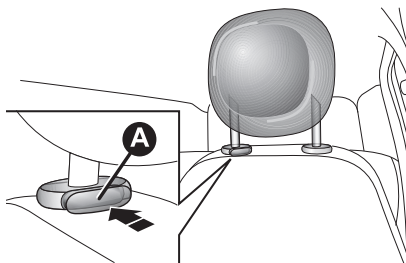


12) 13)

FRONT HEAD RESTRAINTS

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

Downward adjustment: press button (A) fig. 12 and lower the head restraint.



12

F1D0011

"Anti-Whiplash" device

The head restraints are equipped with an "Anti-Whiplash" device, which reduces the distance between head and head restraint in the event of a rear impact, thus mitigating the "whiplash" effect.

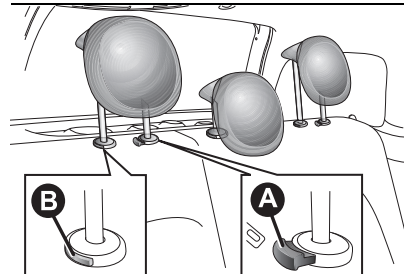
The head restraint may move when the backrest is pressed by the occupant's torso or hand: this behaviour is caused by the system and should not be considered a malfunction.

REAR HEAD RESTRAINTS

(for versions/markets where provided)

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

Downward adjustment: press button (A) fig. 13 and lower the head restraint.



13

F1D0012

WARNING If the rear seats are used, always set the head restraints in the "completely raised" position.

Removal

Proceed as follows to remove the head restraints:

- raise the head restraints to their maximum height;
- press buttons (A) and (B) fig. 13 at the side of the two supports, then remove the head restraints by pulling them upwards.



WARNING

12) All adjustments must be made with the car stationary. 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.

13) To make the best use of the head restraint's protective action, adjust the backrest so that you are sitting upright and keep your head as close as possible to the head restraint.

STEERING WHEEL

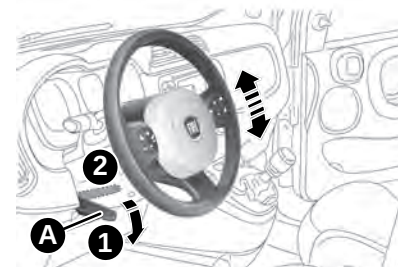


14) 15)

ADJUSTMENTS

The steering wheel can be adjusted vertically.

To adjust bring the lever (A) fig. 14 downward in position (1), then adjust the steering wheel to the most suitable position and lock it in this position bringing the lever (A) in position (2).



14

F1D0013



WARNING

14) All adjustments must be carried out only with the car stationary and engine off.

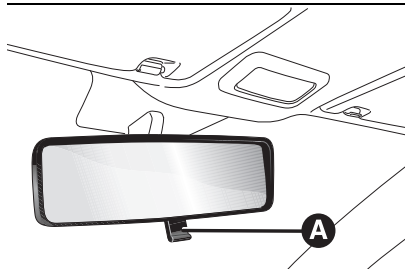
15) It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g.: installation of anti-theft device) that could badly affect performance and safety, invalidate the warranty and also result in non-compliance of the car with type-approval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

REAR-VIEW MIRRORS



INTERIOR MIRROR

The mirror is fitted with a safety device that causes its release in the event of a violent impact with the passenger. Operate lever (A) fig. 15 to adjust the mirror into two different positions: normal or anti-glare



15

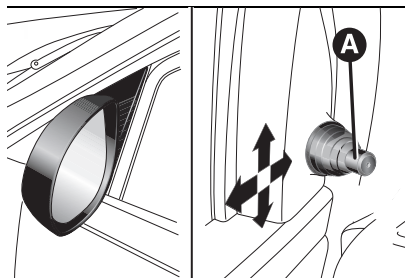
F1D0014

DOOR MIRRORS



Manual adjustment

From the inside of the car, operate lever (A) fig. 16 to adjust the mirror.



16

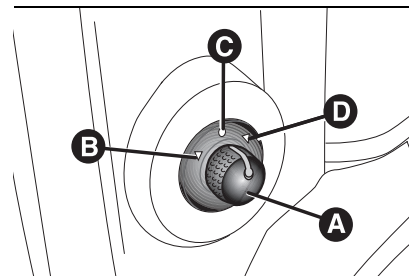
F1D0015

Electric adjustment

(for versions/markets, where provided)
The mirrors can only be adjusted with the ignition key at MAR.

To carry out the adjustment, proceed as follows:

- ❑ select the desired mirror (left or right) using selector (A) fig. 17;
- ❑ move selector (A) to position (B) and manipulate it to adjust the left door mirror;
- ❑ move selector (A) to position (D) and manipulate it to adjust the right door mirror. Once you have finished the adjustment, return selector (A) to intermediate locking position (C).



17

F1D0016

WARNING When the heated rear window is activated, door mirror defrosting is activated (for versions/markets, where provided).

Manual folding

When required, fold the mirrors toward the car interior.



WARNING While driving, the mirrors must always be open.



WARNING

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

EXTERIOR LIGHTS

The left stalk fig. 18 controls the operation of the headlights, side lights, dipped beam headlights, parking lights, main beam headlights, direction indicators, and "Follow me home" device.



18

F1D0019

The exterior lights can only be switched on when the ignition key is at MAR. The instrument panel and the various dashboard controls will come on with the external lights.

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

(for versions/markets, where provided)



17) 18)

With the ignition key turned to MAR and ring nut (A) fig. 18 turned to position the daytime running lights are automatically activated; the other lights and interior lighting remain off.

SIDE LIGHTS / DIPPED BEAM HEADLIGHTS

With the ignition key turned to MAR, turn the ring (A) fig. 18 to If dipped beam headlights are activated, the daytime running lights switch off and the side lights and dipped headlights switch on. The warning light switches on in the instrument panel.

PARKING LIGHTS

The side lights, license plate lights and parking lights can only be switched on with ignition key at STOP or removed, by moving ring nut (A) fig. 18 first to position and then to position .

The warning light switches on in the instrument panel.

To switch off the parking lights, turn the ring (A) from the position to the position . Warning light switches off in the instrument panel.

MAIN BEAM HEADLIGHTS

To activate the main beam headlights, with the ring (A) fig. 18 in position and the ignition device in the MAR position, pull the stalk towards the steering wheel beyond the end of travel click. The warning light switches on in the instrument panel. When the stalk is pulled towards the steering wheel again, beyond the end of travel position, the main beam headlights deactivate, the dipped headlights reactivate and the warning light switches off.

FLASHING THE HEADLIGHTS

To do this, pull the stalk towards the steering wheel (unstable position), regardless of the position of ring nut (A) fig. 18. The warning light switches on in the instrument panel.

DIRECTION INDICATORS

Bring the stalk to the (stable) position:

upwards: activates the right direction indicator;

downwards: activates the left direction indicator. Warning light or will blink on the instrument panel.

The direction indicators switch off automatically when the steering wheel is straightened.

"Lane Change" function

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

"FOLLOW ME HOME" DEVICE

This allows the space in front of the vehicle to be lit for a set time.

Activation: with the ignition key at STOP or removed, pull the stalk towards the steering wheel within 2 minutes from when the engine is turned off.

Each time the stalk is moved, the lights stay on for an extra 30 seconds up to a maximum of 210 seconds; then the lights are switched off automatically. Each time the stalk is operated, the  warning light on the instrument panel switches on and the display also shows a message and how long the function will remain active.

The  warning light comes on when the stalk is first moved and stays on until the function is automatically deactivated. Each time the stalk is activated it increases the time that the lights remain on.

Deactivation: keep the stalk pulled towards the steering wheel for more than two seconds.

REAR FOG LIGHTS

To switch on the rear fog lights, press the button  with the ignition device in the MAR position.

The rear fog lights can only be switched on when the dipped beam headlights are on.

With rear fog lights on, the  warning light on the instrument panel will come on at the same time. To switch off the rear fog lights, press the button , switch off the dipped beam headlights or turn the ignition device to the STOP position.

FOG LIGHTS / REAR FOG LIGHTS

(for versions/markets, where provided)

The fog lights can be activated only when the dipped beam headlights are on.

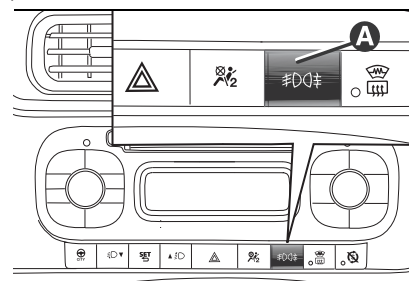
To switch on the rear/front fog lights, press the button (A) fig. 19 with the ignition device in the MAR position as follows:

- ❑ **First pressing:** front fog lights on;
- ❑ **second press:** rear fog lights on;
- ❑ **third pressing:** front/rear fog lights off.

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

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

To switch off the front/rear fog lights, switch off the dipped beam headlights or turn the ignition device to the STOP position.



19

F1D0024



WARNING

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

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



by the Highway Code of the country in which you are driving. Comply with legal requirements.

INTERIOR LIGHTS

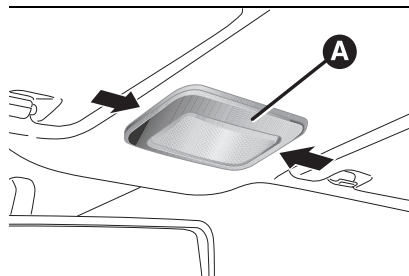


FRONT CEILING LIGHT

Singe-bulb roof light

The lens of ceiling light (A) fig. 20 can be set to three positions:

- ☐ right side pressed: light always on;
- ☐ left side pressed: light always off;
- ☐ central position: the light switches on/off when the doors are opened/closed.



20

F1D0021

Multi-bulb roof light

(for versions/markets, where provided)

Switch (A) fig. 21 is used to switch on/off the ceiling light bulbs. Switch positions (A):

- ☐ central position (position 1): lights (C)

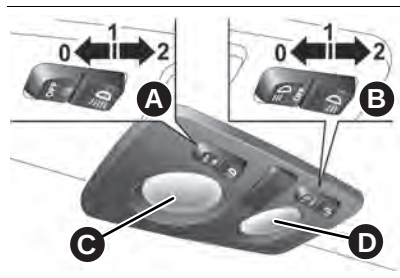
and (D) switch on/ off when the doors are opened/closed;

- ☐ pressed to the left (position 0): lights (C) and (D) are always switched off;
- ☐ pressed to the left (position 2): lights (C) and (D) are always switched on.

The lights switch on/off gradually.

Switch positions (B) fig. 21:

- ☐ central position (position 1): lights (C) and (D) are always switched off;
- ☐ pressed to the left (position 0): light (C) switches on;
- ☐ pressed to the right (position 2): light (D) switches on.



21

F1D0022

WARNING Before getting out of the car, make sure that both switches are in the central position: when the doors are closed the lights will switch off to avoid draining the conventional battery. In any case, if the switch is left in the on position, the roof light switches off

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

ROOF LIGHT TIMING

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

- ☐ when getting into the car;
- ☐ when getting out of the vehicle.

WINDOW WASHING

WINDSCREEN WIPER / WASHER



This operates only with the ignition key turned to MAR.

Ring nut (A) fig. 22 has four different positions:

0 windscreen wiper off.

 flick operation.

 continuous slow operation.

 continuous fast operation.



22

F1D0020

Move the stalk upwards (unstable position) to limit operation to the time for which the stalk is held in this position. When released, the stalk will return to its default position and the windscreen wiper will be automatically stopped.

With the ring nut (A) fig. 22 in position **AD**, the windscreen wiper will automatically adapt operating speed to the speed of the car.

With the windscreen wipers operational, if reverse gear is engaged, the rear window wiper is automatically activated.

“Smart washing” function

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

Keeping the stalk pulled for more than half a second, with just one movement

it is possible to operate the washer jet and the wiper at the same time.

The windscreen wiper stops working three strokes after the stalk is released. A further stroke after approx. 6 seconds completes the wiping cycle.

REAR WINDOW WIPER/ WASHER



This operates only with the ignition key turned to MAR. Turn ring nut (B) fig. 22 from position **O** to position to operate the rear window wiper as follows:

- in intermittent mode when the windscreen wiper is not operating;
 - in synchronous mode (at half the speed of the windscreen wiper) when the windscreen wiper is operating;
 - in continuous mode with reverse gear engaged and the control active.
- With the windscreen wiper on and reverse gear engaged, rear window wiping will be continuous.

Pushing the stalk towards the dashboard (rocking position) will activate the rear window washer jet. Keep the stalk pushed for more than half a second to activate the rear window wiper as well. Releasing the stalk will activate the smart washing function, as described for the windscreen wiper.

The function stops when the stalk is released.



IMPORTANT

5) Do not use the windscreen or rear screen wiper to free the windscreen or rear screen of accumulated layers of snow or ice. In such conditions, the windscreen or rear screen wiper may be subjected to excessive stress and the motor cut-out switch may trip, preventing operation for a few seconds. If operation is not restored (even after turning the key and restarting the engine), contact a Fiat Dealership.

6) Do not operate the windscreen or rear screen wiper with the blades lifted from the windscreen or rear screen.

7) Make sure the device is switched off whenever the windscreen or rear screen must be cleaned.



CLIMATE CONTROL SYSTEM

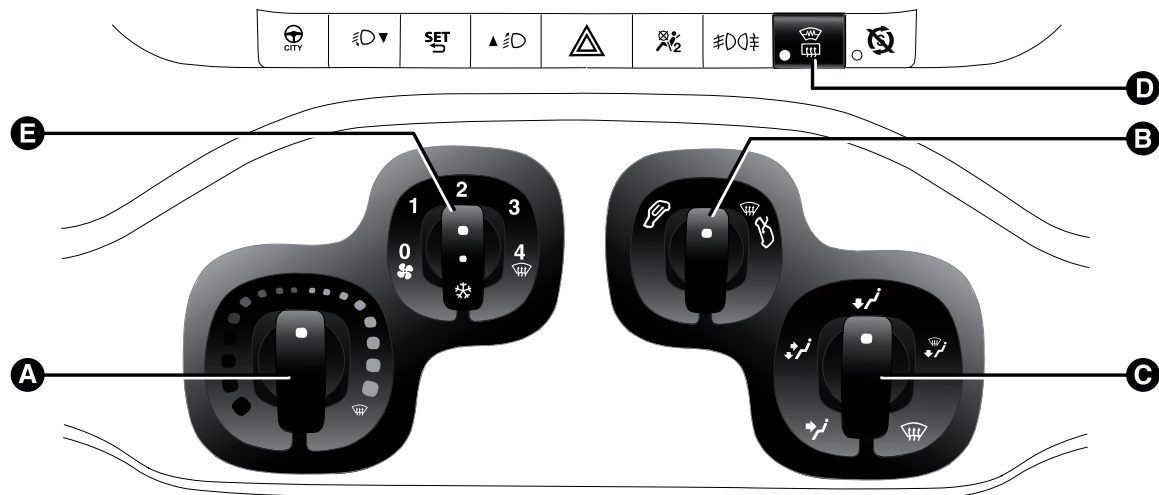


19) 2)

MANUAL CLIMATE CONTROL SYSTEM / HEATER

(for versions/markets, where provided)

Controls



23

F1D0132

(A) - Air temperature adjustment knob (red-hot / blue-cold).

(B) - Air recirculation knob:

internal air recirculation.

air intake from outside.

WARNING It is advisable to switch the air recirculation on whilst queuing or in tunnels, or whilst driving on dusty roads, to prevent the introduction of polluted air. However, it is better not to use the function for long periods, particularly if there are many people on board, to prevent the windows from misting.

(C) - Air distribution knob:

 air flow to central and side dashboard vents to ventilate the chest and the face during the hot season.

 distribution between footwell area vents (warmest air) and dashboard vents (coolest air).

 towards the footwell vents. Due to the natural tendency of heat to spread upwards, this type of distribution warms the passenger compartment up as quickly as possible, providing an immediate feeling of warmth.

 distribution between footwell vents and windscreen/front side window vents. This type of distribution achieves effective heating of the passenger compartment and prevents the windows from misting up.

 air flow to the windscreen and front side window vents to demist or defrost them.

(D) - Heated rear window, folding mirror/heated windscreen (for versions/markets, where available) activation/deactivation button. The LED on the button switches on to indicate activation. In order to maintain conventional battery efficiency, the function is automatically deactivated after about 20 minutes.

(E) - Fan speed and climate control system activation/deactivation knob (for versions/markets, where available).

WARNING In warm-humid weather conditions, using cold air on the windscreen may cause external condensation, which could limit visibility.

NOTE To stop the air flow from the vents, position the knob at 0 and put knob B to internal air recirculation.

ADDITIONAL HEATER

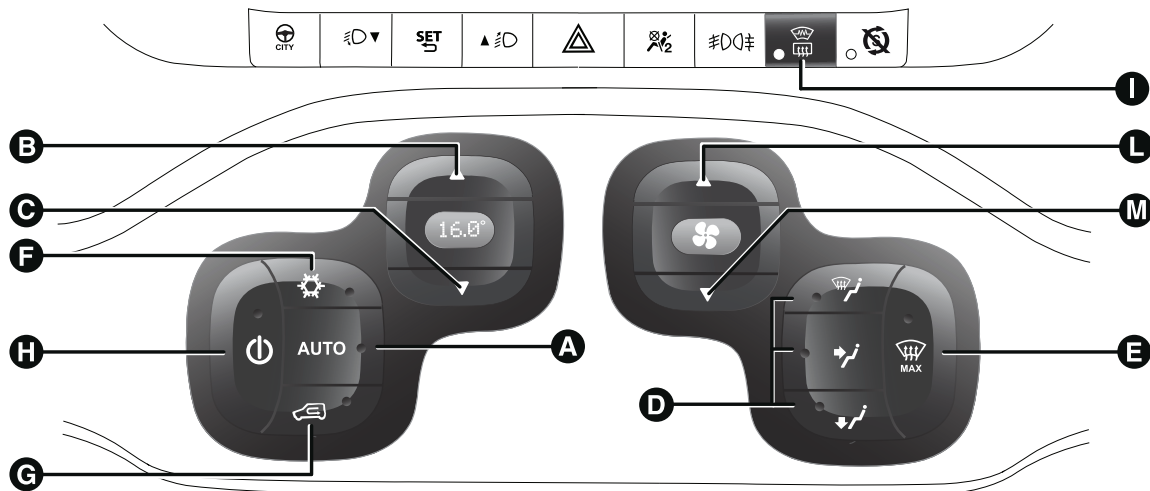
(for versions/markets, where provided)

This device speeds up passenger compartment warming when it is very cold. The heater switches on automatically according to the environmental conditions, with engine started and when the temperature of the engine coolant is low. The additional heater turns off automatically after the required comfort conditions are achieved. The heater only operates if the outside temperature and engine coolant temperature are low. The heater will not activate if the conventional battery voltage is too low.



AUTOMATIC CLIMATE CONTROL SYSTEM

(for versions/markets, where provided)

Controls

24

F1D0708

(A) - AUTO function on (climate control system automatic operation).

(B) - Increases the air temperature.

(C) - Decreases the air temperature.

(D) - Manual air distribution selection.

By pressing the buttons, one of the five possible air flow distribution patterns can be selected:

 air flow to the windscreen and front side window diffusers to demist or defrost them.

 air flow to central and side dashboard vents to ventilate the chest and the face during the hot season.

 towards the footwell diffusers. Due to the natural tendency of heat to spread upwards, this type of distribution warms the passenger compartment up as quickly as possible, providing an immediate feeling of warmth.

 +  distribution between feet area diffusers (warmest air) and dashboard diffusers (coolest air).

 +  distribution between the footwell diffusers and the windscreen and front side window diffusers. This type of distribution achieves effective heating of the passenger compartment and prevents the windows from misting up.

WARNING In warm-humid weather conditions, using cold air on the windscreen may cause external condensation, which could limit visibility.

(E) - Activation/deactivation of the MAX-DEF function (fast front window defrosting/demisting).

(F) - Climate control system compressor activation/deactivation.

(G) - Internal air recirculation on/off button.

(H) - To turn the climate control system on/off.

(I) - Turns on/off the heated rear window and (for versions/markets, where available) the heated mirrors/heated windscreen.

(L/M) - Fan speed adjustment.

The automatic climate control manages the Start&Stop function (engine off when the vehicle speed is zero) to guarantee adequate comfort inside the passenger compartment.

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



WARNING

19) It is advisable not to use the internal air recirculation function when the outside temperature is low, because the windows could mist rapidly.



IMPORTANT

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



ELECTRIC WINDOWS

ELECTRIC FRONT WINDOWS



20) 21)

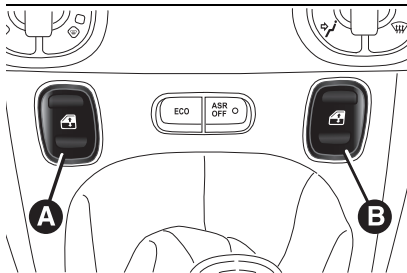
These operate when the ignition key is turned to MAR and for about three minutes after turning the ignition key to STOP or removing it.

The electric window control buttons are fig. 25 located beside the gear lever and activate:

(A) Opening/closing of the left window.

(B) Opening/closing of the right window.

With the ignition key at MAR, a long press activates the automatic operation of the window: raising/lowering on the driver's side and lowering only on the passenger side.



25

F1D0031

MANUAL REAR WINDOW WINDERS

To open/close the window operate the handle on the door panel.



WARNING

20) *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.*

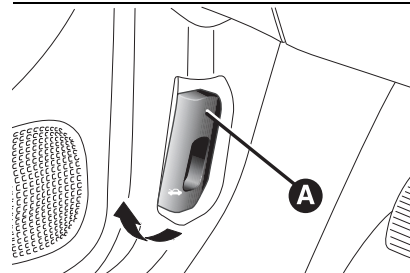
21) *When leaving the vehicle, always remove the ignition key to avoid the risk of injury for people still on board due to accidental operation of the electric windows.*

BONNET

OPENING

Proceed as follows:

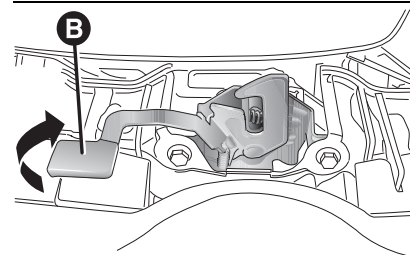
□ pull the lever (A) fig. 26 in the direction indicated by the arrow;



26

F1D0035

□ move lever (B) fig. 27 to the left;

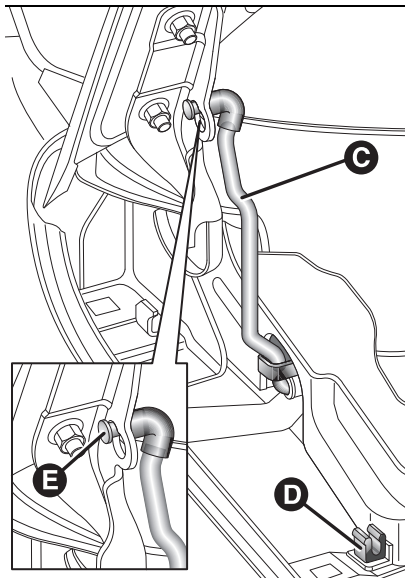


27

F1D0036

□ lift the bonnet and at the same time release the support rod (C) fig. 28 from its catch (D), then insert the rod end into the recess (E) of the bonnet (large

hole) and push into the safe position (small hole).



28

F1D0037

 22) 23)

CLOSING

Proceed as follows:

- ❑ hold the bonnet up with one hand and with the other remove rod (C) fig. 28 from recess (E) with a reverse movement to the opening, and fit it back into its catch (D);

- ❑ 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 lid down but open it and repeat the procedure.

 24) 25)

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

WARNING The bonnet, bumper and headlights have been developed as an integral part of its passive safety system, to guarantee optimal protection for pedestrians and all occupants. Therefore, if they are replaced it is essential to use only original bodywork components, specifically designed for this car.



WARNING

- 22)** The bonnet may drop suddenly if the supporting rod is not positioned correctly.
- 23)** 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 handbrake is engaged.

24) Perform these operations only when the car is stationary.

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

BOOT



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

OPENING

 26)

By mechanical key

On versions with mechanical key, the boot can be opened from outside the vehicle, inserting the metal insert of the key in the latch on the tailgate handle and rotating.

With remote control

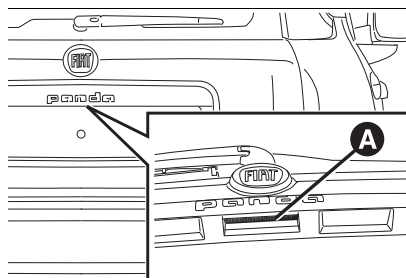
(for versions/markets, where provided)

The luggage compartment is unlocked by pressing the  button on the remote control. The direction indicators will blink twice.



With electric handle (soft touch)
(for versions/markets, where provided)
For versions with soft touch electrical handle, the tailgate (when unlocked) can only be opened from outside the car using the electric opening handle (A) fig. 29 located under the handle until a click is heard, which indicates unlocking.

The tailgate can be opened at any time, if the doors are unlocked. To open it, enable the handle, opening one of the front doors or unlocking the doors with the remote control or using the key without remote control.



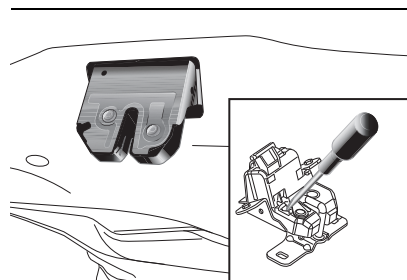
29

F1D0032

Emergency opening from the inside

Proceed as follows:

- ❑ remove the rear head restraints and fully fold the seats;
- ❑ remove the protective cap and release the lock using a screwdriver or the metal insert of the key fig. 30.



30

F1D0033

CLOSING



Pull the grab handle located inside the tailgate.

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

LUGGAGE COMPARTMENT INITIALISATION

WARNING If the conventional battery is disconnected or the protection fuse blows, the boot opening/closing mechanism must be reinitialised as follows: close all the doors and the boot, press the  button on the remote control, then press the  button.



28) 29) 30)



WARNING

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

27) With the engine on, always make sure that the tailgate is closed: exhaust gases could be drawn inside the load compartment.

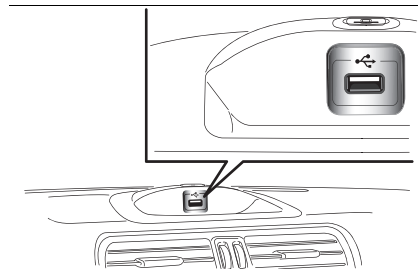
28) Every attachment has a maximum load capacity of 100 kg.

29) A heavy load that has not been secured may cause serious injuries to passengers in the event of an accident.

30) If you are travelling in an area with limited opportunities for refuelling and you wish to bring petrol with you in a spare can, you must do so in compliance with current regulations and using an approved can, appropriately secured to the load anchoring attachments. In the event of a collision the fire risk is increased all the same.

USB PORT

(for versions/markets, where provided)
Depending on the trim level, the car may be equipped with a USB port on the dashboard for transferring data from a USB Pen Drive, smartphone, etc., or for slowly recharging an external device fig. 31.



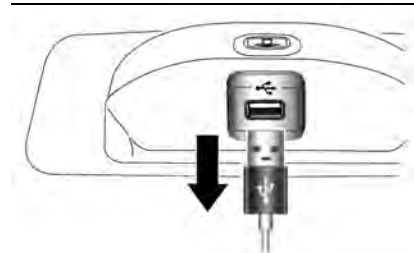
31

F1D1012

WARNING After using a USB recharging socket, we recommend disconnecting the device (smartphone), always removing the cable from the vehicle socket first, never from the device. See fig. 32 for example. Cables left flying or connected incorrectly could compromise correct recharging and/or the USB socket condition.

NOTE The USB port handles data transmission from the Pen Drive/Smartphone, etc. and slow recharging, which is not guaranteed as

it depends on the device type/brand of the external device itself.



32

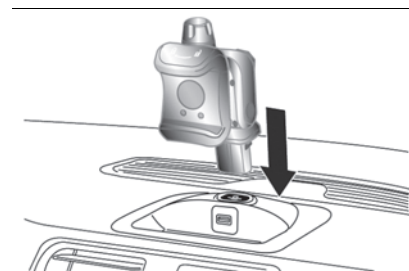
F1D1013

SMARTPHONE DOCKING

(for versions with Uconnect Mobile)
Depending on the trim level, the vehicle may be equipped with a smartphone docking station to be installed on the dashboard, illustrated in fig. 33 (click fit).

Installing/uninstalling the station

Install the smartphone docking station by inserting it in the specific seat on the dashboard, illustrated in fig. 33 (click fit).

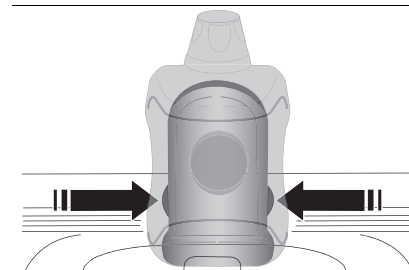


33

F1D1014

To remove the docking station, press both side buttons fig. 34 simultaneously.

WARNING When the smartphone docking station is not in use, it is recommended to remove it from its seat to avoid noise and/or vibrations.



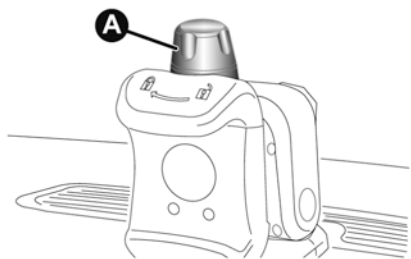
34

F1D1015



Inserting/ removing the smartphone

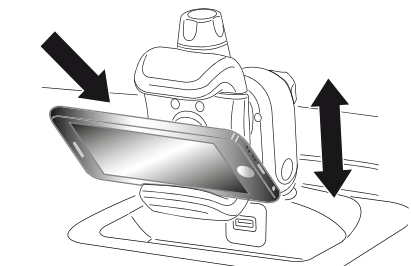
To insert the smartphone in the docking station:



35

F1D0703

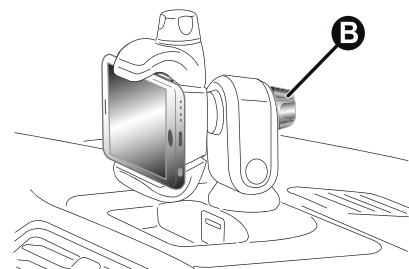
- ensure that the ring nut (A) fig. 35 is turned to position ;
- insert the smartphone horizontally in its seat, placing it on the base of the docking station, and press to open the gripping hand fig. 36;



36

F1D1016

- lay the smartphone on the front base and release it. The load on the spring inside the docking station will allow the gripping hand to close;
- block the smartphone by turning the ring (A) fig. 35 so that it clicks into position .



37

F1D1017

- The rear knob (B) fig. 37 allows possible adjustments depending on the weight and geometry of the smartphone.

To remove the smartphone from the docking station:

- turn the ring (A) fig. 35 so that it clicks into position .
- take out the smartphone by pressing it down to open the gripping hand;
- remove the smartphone from the docking station and release it. The load on the spring inside the docking station will allow the gripping hand to close after the phone has been removed.

 8) 9) 10)


IMPORTANT

- 8)** When the car is moving, the smartphone must be used in the docking station only in a horizontal position and without any inclination (see fig. 36). Any other position of the docking station is allowed only with the car stopped, with the sole purpose of facilitating the insertion of the smartphone in the station.
- 9)** The maximum dimensions of the usable smartphones are: 67 mm (width) and 11 mm (depth).
- 10)** The maximum weight of smartphone that can be installed is 180 g.

VERSION WITH LPG SYSTEM

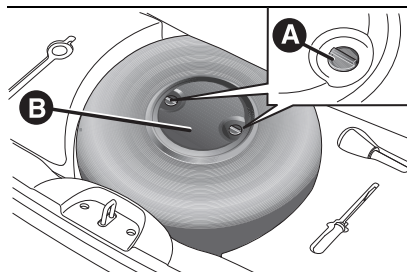

 31) 32)  11) 12) 13) 14)

INTRODUCTION

The LPG version features two fuel supply systems: one for petrol and one for LPG.

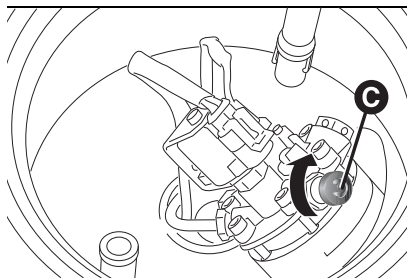
Although the LPG system has numerous safety features, it is advisable to proceed as follows every time the vehicle is not in use for a long period or moved in an emergency as a result of a breakdown or accident:

- ❑ unscrew the fixing devices (A) fig. 38, then remove the cover B;
- ❑ Close the LPG cock by rotating the ring nut (C) fig. 39 clockwise;
- ❑ refit the cover and retighten the fastening devices.



38

F1D0111



39

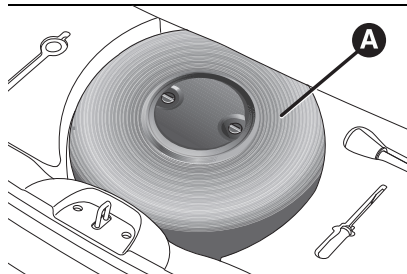
F1D0112

LPG TANK



The car has a (pressurised) tank (A) fig. 40 for collecting LPG in a liquid state. It is toroidal and is located in the

spare wheel compartment with suitable protection.



40

F1D0113

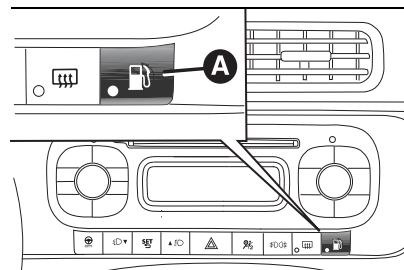
LPG tank certification

The LPG tank is certified in accordance with the regulations in force. In Italy, the tank has a life of 10 years starting from the car registration date. If the vehicle has been registered in a country other than Italy, the duration and the testing/inspection procedures of the LPG tank can vary depending on the national laws of that country. In all case, when the time limit for your country has expired, go to a Fiat Dealership to have the tank replaced.

SELECTION OF PETROL/LPG SUPPLY TYPE



The (petrol/LPG switch) button (A) fig. 41 allows drivers to select petrol or LPG operation.



41

F1D0109

To guarantee switching in full safety, the actual change to the chosen fuel system takes place depending on the car usage conditions; it may not therefore be immediate. Switching is confirmed by the switching on/off of the green warning light  in the instrument panel.

If the LPG runs out, switching to petrol takes place automatically. In this case the display shows the  icon just above wording LPG and the four bars of the digital gauge turn off.

REFUELLING



LPG

Maximum refuelling capacity (including reserve): 30.5 litres. The figure already takes into account the 80% tank filling limit and the residual fluid required for priming and the maximum permitted capacity. In addition, after different



refuelling processes, this figure may vary due to differences between the network pump supply pressures, pumps having different supply/locking features, tank not completely run out of fuel.



WARNING

31) Note that in some countries (including Italy) there are legal restrictions in force for parking/ garaging motor vehicles fuelled by gas that is denser than air; LPG comes under this category.

32) 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.

33) Do not switch between the two operating modes whilst starting the engine.



IMPORTANT

11) The system operates at temperatures ranging between -20°C and 100°C.

12) If the fuel runs out while running on LPG, the car switches to petrol automatically and all the bars of the digital indicator on the display turn off. The display remains in this state until the next LPG refuelling.

13) The car is equipped with a gaseous LPG injection system designed specifically

for it: it is therefore absolutely forbidden to alter the configuration of the system or its components. The use of other components or materials could cause malfunctions and lead to a reduction in safety; therefore, in the case of problems, contact a Fiat Dealership. To prevent damage to the gas system parts when towing or raising the car, follow the instructions in the "Towing the car" chapter of the Owner Handbook.

14) When painting in an oven, the LPG tank must be removed from the car and later refitted by a Fiat Dealership. Although the LPG system has numerous safety features, it is advisable to proceed as follows every time the car is not in use for a long period or moved in an emergency as a result of a breakdown or accident: unscrew the fastening devices (A) fig. 38, then remove the cover (B). Close the LPG cock by rotating the ring nut (C) fig. 39 clockwise. Refit the cover and retighten the fastening devices.

15) Periodically (at least once every six months), it is advisable to let the LPG in the tank run out and, at the next refuelling, check that it does not exceed the maximum capacity of 30.5 litres (reserve included) (with a tolerance of 2 litres in excess) (see instructions in the "Capacities" chapter). If the level is above 30.5 litres (reserve included) contact a Fiat Dealership immediately.

16) Regardless of the last fuel system used, at the following engine starting, after the initial petrol stage, the system will automatically switch to LPG.

17) When switching from petrol to LPG is requested, a metal noise from the valves which pressurise the circuit can be

heard. As a result of the switching logics described above, the delay between the ticking of the valve and the switching off of the green warning light  on the instrument panel is entirely normal.

18) In particular usage conditions, such as starting and operation at low ambient temperature or LPG supply with low propane content, the system may switch temporarily to petrol operation, without indicating the performed switching. In the event of low LPG levels in the tank or request for high performance (e.g. overtaking, vehicle fully laden, steep hills), the system may automatically switch to petrol operation to guarantee the engine power requested; the green warning light  on the instrument panel switches on to indicate this. When the above conditions are no longer present, the system automatically restores LPG operation; the green warning light  switches off. To achieve the automatic switching described above, make sure that there is always enough fuel in the petrol tank.

19) Only use LPG for motor cars.

20) It is strictly forbidden to use any additive in the LPG.

VERSION WITH METHANE SYSTEM (Natural Power)



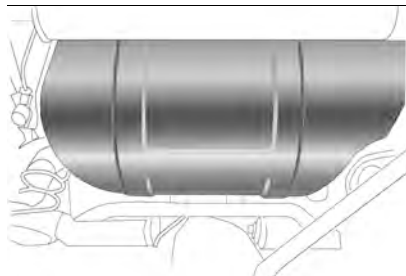
34) 35) 36) 21)

INTRODUCTION

The "Natural Power" version features two fuel systems, one for petrol and one for natural gas (methane).

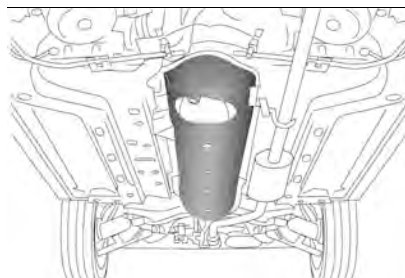
METHANE CYLINDERS

The vehicle is equipped with two cylinders (total capacity about 72 litres) fig. 42 - fig. 43 located under the floor of the vehicle and protected by two special guards.



42

F1D0137



43

F1D0138

The methane, stored in the cylinders at high pressure, flows through a dedicated pipe to reach the pressure regulator/reduction unit which supplies the two methane injectors at low pressure (about 9 bar).

Cylinder certification

The methane cylinders are certified in accordance with ECE Regulation no. 110.

The cylinders must be inspected, in accordance with ECE Regulation Procedure no. 110, every 4 years from the car registration date or in accordance with specific regulations in individual countries.

The plates provided by the Dealership with the on board documentation contain the date for the first inspection of the cylinders. Methane refuelling stations are not authorised to refill the

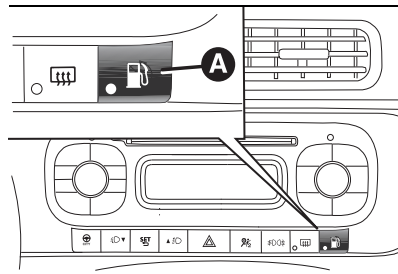
cylinders when the inspection date has expired.

WARNING If the vehicle has been registered in a country other than Italy, the certification data, identification and inspection procedures for the methane cylinders should conform to the legislation in that country. In any case, remember that the life of the cylinders is 20 years from the production date as set out in ECE Regulation no. 110.

SELECTION OF PETROL/METHANE SUPPLY TYPE

37) 22) 23) 24)

This engine normally runs on methane except during starting, when it runs on petrol. The (petrol/methane switch) button (A) fig. 44 allows drivers to select petrol or methane operation.



44

F1D0109



To guarantee switching in full safety, the actual change to the chosen fuel system takes place depending on the car usage conditions; it may not therefore be immediate.

Switching is confirmed by the switching on/off of the green warning light  in the instrument panel. In addition, when starting at outside temperatures below approximately -10°C , the switching times from petrol to methane increase to allow the pressure regulator/reduction unit to heat up. If the methane has run out, switching to petrol takes place automatically. In this case, the four bars of the digital gauge switch off and the green warning light  on the instrument panel switches on.

REFUELLING

Methane

Capacity: about 12 kg. The total volume of cylinders is about 72 litres.



WARNING

34) *The Fiat Panda Natural Power is equipped with a high pressure methane fuel supply system, designed to operate at a rated pressure of 200 bar. It is dangerous to stretch the system with higher pressures. To prevent damage to the gas system parts when towing or lifting the vehicle, follow the instructions in the Owner Handbook, in the chapter:*

"Towing the vehicle". If there is a fault in the methane system, only contact a Fiat Dealership. Do not alter the methane system configuration or components. They are designed exclusively for the Fiat Panda Natural Power. The use of other components or materials could cause malfunctions and prejudice safety.

35) *When oven painting, the cylinders must be removed from the vehicle and later carefully refitted by a Fiat Dealership. Although the methane system has numerous safety features, it is advisable to close the manual cocks for the cylinders every time the vehicle is not in use for a long period, transported on other vehicles or moved in an emergency as a result of a breakdown or accident.*

36) *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.*

37) *Do not switch between the two operating modes whilst starting the engine.*



IMPORTANT

21) *If the fuel runs out while running on methane, the car switches to petrol automatically and all the bars of the digital indicator on the display turn off. The display remains in this state until the next methane refuelling.*

22) *Regardless of the last fuel system used, at the following engine starting,*

after the initial petrol stage, the system will automatically switch to methane.

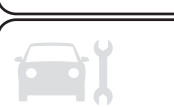
23) *When switching from petrol to methane is requested, a metal noise from the valves which pressurise the circuit can be heard, as it happens while starting the car. As a result of the switching logics described above, the delay between the ticking of the valve and the switching off of the green warning light  on the instrument panel is entirely normal.*

24) *In particular usage conditions, such as starting and operation at low ambient temperature, the system may switch temporarily to petrol operation, without indicating the performed switching. In the event of low methane levels in the tank or request for high performance (e.g. overtaking, vehicle fully laden, steep hills), the system may automatically switch to petrol operation to guarantee the engine power requested; the green warning light  on the instrument panel switches on to indicate this. When the above conditions are no longer present, the system automatically restores Methane operation; the green warning light  switches off. To achieve the automatic switching described above, make sure that there is always enough fuel in the petrol tank.*

KNOWING THE INSTRUMENT PANEL

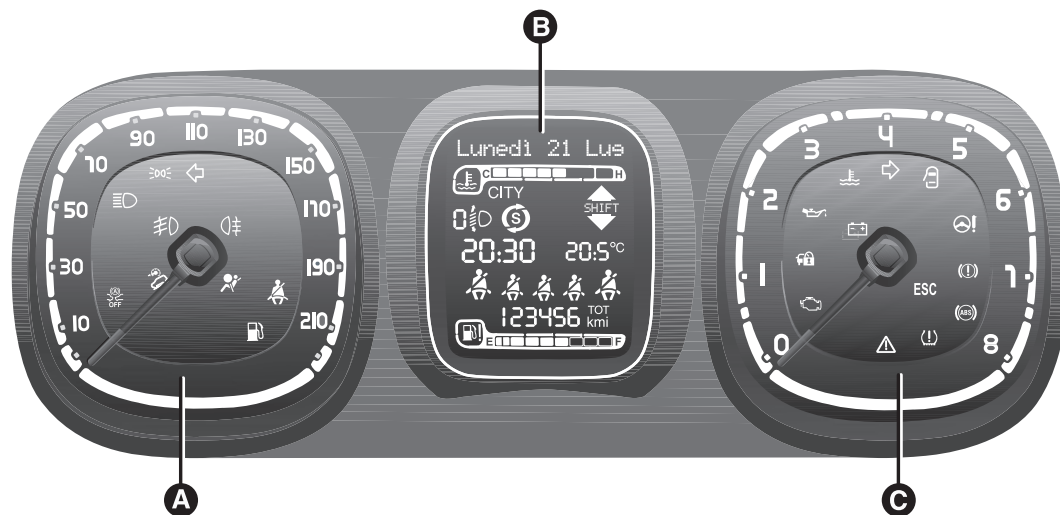
This section of the handbook provides all information that is useful for getting to know, interpreting, and using the instrument panel correctly.

CONTROL PANEL AND ON-BOARD INSTRUMENTS	36
DISPLAY	37
WARNING LIGHTS AND MESSAGES	41



CONTROL PANEL AND ON-BOARD INSTRUMENTS

The instrument background colour and type may vary according to the versions. The warning lights on the instrument panel may change according to the version/trim level (e.g. LPG, Cross etc.) of the vehicle.



45

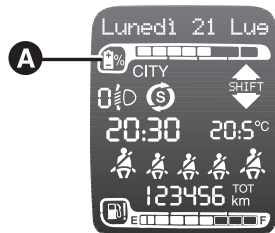
F1D0809

A. Speedometer B. Multifunction display with digital fuel level gauge and auxiliary battery charge level indicator (for 1.0 FireFly version) /engine coolant temperature indicator (except 1.0 FireFly version) C. Rev counter

AUXILIARY BATTERY CHARGE LEVEL INDICATOR

(for 1.0 FireFly versions)

The digital indicator (A) fig. 46 shows the charge level of the auxiliary battery of the hybrid system. The eight segments light progressively from left to right as the battery charge state increases.



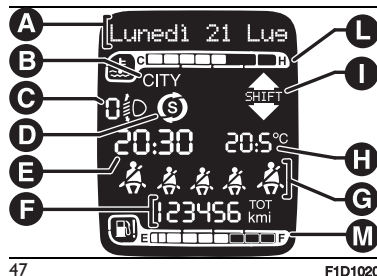
46

F1D0617

DISPLAY



The display fig. 47 will show the following information:



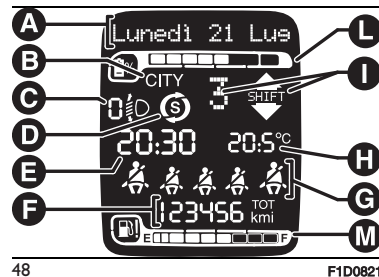
47

F1D1020

- A** Date
- B** Dualdrive electric power steering engagement indication (CITY text)
- C** Alignment position (only with dipped headlights on)
- D** Start&Stop function indicator (for versions/markets where provided)
- E** Time
- F** Odometer (display of distance travelled in kilometres/miles)
- G** Seat belt indicators
- H** Outside temperature (for versions/markets, where provided)
- I** Shift Indicator (for versions/markets, where provided)
- L** Engine coolant temperature indicator
- M** Fuel level indicator

For 1.0 FireFly version

The display fig. 48 will show the following information:



48

F1D0621

- A** Date and Trip messages
- B** Dualdrive electric power steering engagement indication (CITY text)
- C** Alignment position (only with dipped headlights on)
- D** Start&Stop function indicator (for versions/markets where provided)
- E** Time
- F** Odometer (display of distance travelled in kilometres/miles)
- G** Seat belt indicators
- H** Outside temperature (for versions/markets, where provided)
- I** Suggested gear to be engaged with engine off (see "Advice to shift to neutral gear (N)" paragraph)
- L** Auxiliary battery charge level indicator
- M** Fuel level indicator



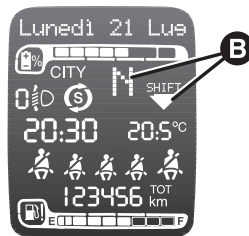
GEAR SHIFT INDICATOR

The GSI (Gear Shift Indicator) system advises the driver to change gear through a specific indication on the control panel. Through the GSI, the driver is informed that shifting gear will allow a reduction in fuel consumption. When the SHIFT UP icon (▲ SHIFT) is shown on the display, the GSI is advising the driver to engage a higher gear, while the SHIFT DOWN (▼ SHIFT) icon advises the driver to engage a lower gear.

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

Advice to shift to neutral gear (N)

When the speed drops below 30 km/h and the conditions permit, the GSI advises shifting to neutral by displaying the letter "N" and the indication ▼ SHIFT ((B) fig. 49). The heat engine turns off after shifting to neutral in order to reduce consumption ("EXTENDED S&S" function).



49

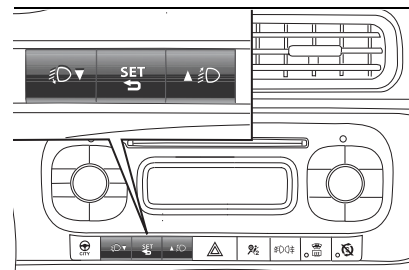
F1D0820

In the above condition with the engine off, the GSI system advises the best gear to engage when operating the clutch to restart the engine.

CONTROL BUTTONS

They are located on the dashboard fig. 50.

WARNING The symbol on the buttons depends on the version: ▲ D and ▼ D or ▲ and ▼.



50

F1D0003

- ▲ D / ▼ D: press and release the buttons to scroll the menu items upwards or downwards, or to increase/decrease the displayed value.
- SET: press briefly to access the menu and/or go to next screen or confirm the desired selection. Hold pressed to go back to the standard screen.

SETUP MENU

The menu includes the following items:

- MENU
- DIMMER
- SPEED BEEP
- HEADLIGHT SENSOR (for versions/markets where provided)
- TRIP B ACTIVATION/DATA
- SET TIME
- SET DATE
- SEE RADIO (for markets/versions, where provided)
- AUTOCLOSE (for versions/markets, where provided)

- ❑ MEASUREMENT UNIT
- ❑ LANGUAGE
- ❑ BUZZER VOLUME
- ❑ SEAT BELT BUZZER (for versions/markets, where provided)
- ❑ SERVICE
- ❑ AIRBAG/PASSENGER BAG (for versions/markets, where provided)
- ❑ DAYTIME RUNNING LIGHTS (for versions/markets, where provided)
- ❑ TYRE RESET (for versions/markets, where provided)
- ❑ CITY BRAKE C. (for versions/markets, where provided)
- ❑ OIL LEVEL RESET (for versions/markets, where provided)
- ❑ EXIT MENU

Deactivating the passenger front airbag and side bag

This function is used to activate/deactivate the front passenger's airbag. Proceed as follows:

- ❑ press the **SET** button and, after the display shows the message "Bag pass: Off to deactivate) or the message ("Passenger Bag: On" (to activate) by pressing buttons **▲** **SET** or **▼** **SET**, press **SET** once again;
- ❑ a confirmation request message will appear on the display;
- ❑ by pressing the **▲** **SET** or **▼** **SET** buttons select "Yes" (to confirm

activation/deactivation) or "No" (to cancel);

- ❑ press the **SET** button briefly; a message confirming the selection is displayed and you return to the menu screen. Hold down the button to return to the standard screen without storing.

Oil level reset

(for versions/markets, where provided)



This function resets the oil top-up warning that occurs approximately every 8,000 km.

Proceed as follows to reset this warning after topping up the oil:

- ❑ Press button **SET** briefly. The display will ask you to confirm the reset.
- ❑ Press the button **▲** **SET** or **▼** **SET** and select "YES" to reset the warning or "NO" to cancel the operation.

TRIP COMPUTER

The Trip computer is used to display information on car operation when the ignition key is turned to MAR. Two separate trips, called "Trip A" and "Trip B", are provided to monitor the entire mission (journey) in a reciprocally independent manner.

"Trip A" can be used to display the values relating to: "Outside temperature (for versions/markets, where provided)", "Range", "Distance travelled", "Average consumption",

"Instantaneous consumption", "Average speed", "Trip time (driving time)", "En. Recovery A" (Energy recovery A - 1.0 FireFly version), "Rad. coolant T." (Engine coolant temperature - 1.0 FireFly version).

"Trip B" may be used to display the figures relating to: "Distance travelled B", "Average fuel consumption B", "Average speed B", "Trip time B (driving time)", "En. Recovery B" (Energy recovery B - 1.0 FireFly version). The "Trip B" function may be excluded. Both functions can be reset (reset means start of a new journey). To reset, hold the TRIP button on the right steering wheel stalk pressed.

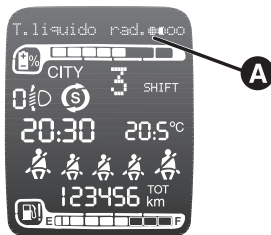
NOTE The "Range" and "Instantaneous consumption" and "Rad. coolant T." parameters cannot be reset.

Engine coolant temperature

(for 1.0 FireFly versions)

Shows the engine coolant temperature with an 8-level indicator on 4 circles fig. 51. The circles (A) are progressively coloured partially or fully from left to right as the temperature increases.





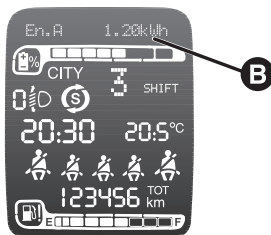
51

F1D0819

Energy Recovery (Trip A/Trip B)

(for 1.0 FireFly versions)

The message "En. Recovery A / En.A XXX.XXkWh" (B) fig. 52 shows the cumulative energy recovered during car deceleration (with a gear engaged), used to recharge the auxiliary battery.



52

F1D0823

The  light on the instrument panel comes on to indicate that energy recovery is in progress.



IMPORTANT

25) Failure to top up the engine oil could result in a low level, which could prevent normal car operation and even cause it to stop

WARNING LIGHTS AND MESSAGES

IMPORTANT NOTES

WARNING Warning lights are accompanied by a specific message and/or sound when implemented on the instrument panel. These indications are indicative and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner Handbook, which you are advised to read carefully in all cases. In the event of a failure indication, always refer to the contents of this section.

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 by pressing the **SET** button. The instrument panel warning light will stay on until the cause of the malfunction is eliminated.

WARNING LIGHTS ON INSTRUMENT PANEL

Red warning lights

Warning light	What it means
 red	SEAT BELTS REMINDER (for versions/markets, where provided) The warning light switches on constantly with the vehicle stationary and the driver's side or passenger side seat belt (when the passenger is present) not fastened. The warning light will flash and a buzzer will sound if the car is in motion and the front seat belts are not correctly fastened. For permanent deactivation of the acoustic signal (buzzer) of the S.B.R. (Seat Belt Reminder) system contact a Fiat Dealership. The system can be reactivated using the Setup Menu.



Warning light	What it means
 red  amber  amber	EBD FAILURE The simultaneous switching on of the  (red),  (amber) and  (amber) warning lights with the engine on, indicates either a fault 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 hard. On certain versions a dedicated message is displayed. Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately.
 red	AIRBAG FAILURE When the ignition key is turned to MAR, the warning light switches on but should switch off after a few seconds. If the warning light turns on continuously, it indicates a fault in the airbag system. On certain versions a dedicated message is displayed.  38j  38j
 red	LOW BRAKE FLUID/HANDBRAKE ENGAGED When the ignition key is turned to MAR, the warning light switches on but should switch off after a few seconds. Low brake fluid level The warning light turns on when the level of the brake fluid in the reservoir falls below the minimum level, possibly due to a leak in the circuit. On certain versions a dedicated message is displayed.  40j Handbrake engaged The warning light switches on when the handbrake is engaged. If the vehicle is moving a buzzer will also sound. WARNING If the warning light comes on while driving, check that the handbrake is not on.

Warning light	What it means
 red	CONVENTIONAL (LEAD) BATTERY NOT SUFFICIENTLY CHARGED (for versions/markets, where provided) When the ignition key is turned to the MAR position, the warning light comes on, but it should go off as soon as the engine is started (if the engine is idling, there may be a short delay before it goes off). If the warning light stays on constantly or flashing, on some versions along with a dedicated message on the display, contact a Fiat Dealership. HYBRID SYSTEM FAILURE (for versions/markets, where provided) In the event of a hybrid system failure, all the segments of the battery charge level indicator turn off, and the  warning light and/or  warning light and/or  symbol may turn on. Contact a Fiat Dealership as soon as possible.
 red	DOORS/BONNET/LUGGAGE COMPARTMENT OPEN The warning light comes on, together with a dedicated message on the display on some versions, when one or more doors, the bonnet or the tailgate are not properly closed. An acoustic signal is activated with the doors open and the car moving.
 red	INSUFFICIENT ENGINE OIL/PRESSURE When the ignition key is turned to the MAR position, the warning light comes on, but it should go off as soon as the engine is started. Insufficient engine oil pressure The warning light turns on constantly, on some versions along with a dedicated message on the display, when the system detects that engine oil pressure is insufficient.  41)



Warning light	What it means
 red	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 comes on, on some versions along with a message on the display, when the engine is overheated. In normal driving conditions: stop the car, 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 car is used under demanding conditions (e.g. towing trailers uphill or fully loaded): slow down and, if the warning light stays on, stop the car. Wait for 2 or 3 minutes with the engine running and slightly accelerated to further favour the coolant circulation. Then stop the engine. Check that the coolant level is correct as described above. WARNING Over demanding routes, it is advisable to keep the engine on and slightly accelerated for a few minutes before switching it off.
 red	"DUALDRIVE" ELECTRIC POWER STEERING FAILURE When the key is turned to MAR, the warning light switches on 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 steering assistance and the effort required to operate the steering wheel could be notably increased; steering is, however, possible. In this case, contact a Fiat Dealership. IMPORTANT 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 car immediately (should it be in motion), stop the engine for about 20 seconds and then restart the engine. If the warning light, on some versions along with a dedicated message on the display, remains on, contact a Fiat Dealership. IMPORTANT NOTE The steering must be initialised after disconnecting the conventional battery. The warning light turns on to indicate this. To carry out this procedure, simply turn the steering wheel all the way from one end to the other or drive in a straight line for about a hundred metres.



WARNING

38) If when turning the key to MAR the  warning light does not turn on or stays on whilst driving, a failure may have occurred in the restraint systems. In this case the airbags or pretensioners may not be deployed in an impact or, in a lower number of cases, they may be deployed accidentally. Contact a Fiat Dealership immediately to have the system checked.

39) Failure of the  warning light is signalled by the  warning light flashing. In this case, any faults of the airbag system might be not signalled. Before continuing, contact a Fiat Dealership immediately to have the system checked.

40) If the warning light  switches on while driving, stop immediately and contact a Fiat Dealership

41) If the warning light  turns on whilst driving (on certain versions together with the message on the display) stop the engine immediately and contact a Fiat Dealership.

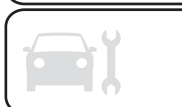
Amber warning lights

Warning light	What it means
 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 comes on, on some versions along with a message on the display, when the system is inefficient. In this case the braking system maintains its efficiency unaltered but without the advantage of the ABS system. Drive carefully and contact a Fiat Dealership as soon as possible.
 amber	PASSENGER AIRBAG/SIDE BAGS DEACTIVATED The warning light is located on the dashboard in central position and switches on deactivating the front passenger airbag and the side bag. With front passenger airbag on, when the ignition key is turned to MAR, the warning light switches on constantly for several seconds and then it should switch off.  42)
 amber	CITY BRAKE CONTROL SYSTEM DEACTIVATED (for versions/markets, where provided) The warning light switches on when the City Brake Control system is deactivated through the Setup Menu.



Warning light	What it means
 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. If the warning light remains on or switches on whilst driving, the injection system is not working properly; in particular, if the warning light switches on steadily, 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. Under these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the car with the warning light on fixed may cause damage: contact a Fiat Dealership as soon as possible. The warning light switches off if the malfunction disappears, but is still stored by the system. IMPORTANT For petrol engines, if the warning light flashes, the catalytic converter may be damaged. In this case, it is necessary to release the accelerator pedal to lower the speed of the engine until the warning light stops flashing; continue the journey at moderate speed, trying to avoid driving conditions that may cause further flashing and contact a Fiat Dealership as soon as possible.  269 HYBRID SYSTEM FAILURE (for versions/markets, where provided) In the event of a hybrid system failure, all the segments of the battery charge level indicator turn off, and the  warning light and/or  warning light and/or  symbol may turn on. Contact a Fiat Dealership as soon as possible.
 amber	ESC SYSTEM (for versions/markets, where provided) The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. If the warning light does not switch off or stays on while driving, on some versions along with a message on the display, contact a Fiat Dealership. Flashing of the warning light while driving indicates the intervention of the ESC system. Hill Holder failure This warning light switches on, on some versions along with a dedicated message on the display, in the case of a Hill Holder system fault. In this case, contact a Fiat Dealership.

Warning light	What it means
 amber	ELD system failure (For versions/markets, where provided) This warning light switches on, on some versions along with a dedicated message on the display, in the case of an ELD system failure. In this case, contact a Fiat Dealership as soon as possible.
 amber	FIAT CODE SYSTEM FAILURE The warning light (or the symbol on the display) switches on, on some versions along with a dedicated message on the display, to signal the Fiat CODE system failure. In this case, contact a Fiat Dealership as soon as possible.
 amber	FUEL RESERVE - LIMITED RANGE This warning light switches on when 5 to 7 litres of fuel are left in the tank. When the remaining range is lower than approx. 50 km (or equivalent value in miles), on some versions, the display will show a dedicated message. WARNING The warning light will flash to indicate a system failure. If this is the case, go to a Fiat Dealership to have the system checked.
 amber	REAR FOG LIGHT The warning light switches on when the rear fog light is activated.
 amber	GENERAL FAILURE INDICATION (for versions/markets, where provided) The warning light turns on in the following circumstances. Speed limit exceeded (for versions/markets, where provided) The warning light switches on when the speed limit set in the Setup Menu is exceeded. When the car exceeds this value, an acoustic indication is emitted and a dedicated appears on the display on some versions.



Warning light	What it means
 amber	Fuel cut-off system intervention/failure This warning light switches on, on some versions along with a dedicated message on the display, in the case of fuel cut-off system activation/failure.
	Start&Stop system failure (for versions/markets, where provided) The warning light comes on when a fault is detected in the Start&Stop system. In the event of a Start&Stop system failure, contact a Fiat Dealership.
	Temporary or permanent City Brake Control system failure (for versions/markets, where provided) The warning light switches on, on some versions along with a message on the display, when a temporary or permanent City Brake Control system fault is detected. If the fault is permanent: contact a Fiat Dealership to have the system checked.
	Airbag failure When this warning light starts flashing, for versions/markets where provided, this indicates an airbag warning light fault. In this case, the airbag may not indicate possible airbag system malfunctions. Contact a Fiat Dealership immediately.
	Parking sensor failure (for versions/markets, where provided) The warning light switches on, on some versions along with a dedicated message on the display, when a fault is detected in the parking sensors.
	Exterior lights failure (for versions/markets, where provided) The warning light switches on when a fault is detected in one of the following lights: side lights, number plate lights, rear fog lights, direction indicators, daytime running lights (DRL).
	Engine oil pressure sensor failure (for versions/markets, where provided) The engine oil pressure sensor failure is indicated by the activation of the warning light on the instrument panel.

Warning light	What it means
 amber	ELD system failure (for versions/markets, where provided) The warning light switches on, on some versions along with a dedicated message on the display, when a fault is detected in the 4x4 drive. Contact a Fiat Dealership as soon as possible.
 amber	iTPMS (for versions/markets, where provided) Low tyre pressure The warning light switches on constantly to indicate that the tyre pressure is lower than the recommended value, in order to guarantee long tyre life and low fuel consumption, or to indicate a slow loss of pressure. In this way the iTPMS warns the driver that one or more tyres may be flat and probably punctured. In this case it is advisable to restore the correct pressure value. Once the normal operating conditions of the car are restored, carry out the Tyre reset procedure. IMPORTANT Do not continue driving with one or more flat tyres as handling may be compromised. Stop the vehicle, avoiding sharp braking and steering. iTPMS failure/iTPMS temporarily deactivated The warning light flashes for about 75 seconds and then stays on constantly (along with a dedicated message on the display) to indicate that the system is temporarily deactivated or faulty. The system goes back to normal operation when the operating conditions allow it. If this is not the case, carry out the Tyre reset procedure after restoring the normal operating conditions. If the malfunction warning persists, contact a Fiat Dealership as soon as possible.
 amber	LPG FUEL RESERVE (for versions/markets, where provided) The warning light switches on when the residual quantity of LPG drops below 1/5 of the tank capacity. On certain versions a dedicated message is displayed.
 amber	METHANE RESERVE (Natural Power versions) The warning light switches on when the residual quantity of Methane drops below 1/5 of the tank capacity. On certain versions a dedicated message is displayed.





WARNING

42) A failure of the  warning light is indicated by warning light  switching on. In addition, the airbag system automatically disables the airbags on the passenger's side (front and side bags where provided). Before continuing, contact a Fiat Dealership immediately to have the system checked.



IMPORTANT

26) Go to a Fiat Dealership as soon as possible if the warning light  does not light up when the key is turned to MAR or if while travelling the warning light switches on or flashes (along with a message and a symbol on the display on some versions). 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.

Green warning lights

Warning light	What it means
 green	ELD SYSTEM (for versions/markets, where provided) The warning light on flashing indicates activation of the electronic locking differential (ELD) function.
 green	GRAVITY CONTROL SYSTEM (Panda Cross 4x4 versions) The warning light on constantly, along with a dedicated message on the display, indicates activation of the Gravity Control function. Deactivation of the function is signalled by flashing of the warning light, by an acoustic warning and by a dedicated message on the display,
 green	PETROL/LPG SWITCHING (for versions/markets, where provided) Warning light on constantly: petrol operation. Warning light off: LPG operation.

Warning light	What it means
 green	PETROL/METHANE SWITCHING (for versions/markets, where provided) Warning light on constantly: petrol operation. Warning light off: Methane operation.
 green	FOG LIGHTS The warning light comes on when the front fog lights are turned on.
 green	SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS/FOLLOW ME HOME Side lights and dipped beam headlights The warning light switches on when the side lights or dipped headlights are turned on. Follow Me Home The warning light comes on, on some versions along with a dedicated message on the display, when the "Follow me home" device is used.
 green	LEFT DIRECTION INDICATOR The warning light turns on when the direction indicator control lever is moved downwards or, together with the right indicator, when the hazard warning light button is pressed.
 green	RIGHT DIRECTION INDICATOR The warning light turns on when the direction indicator control lever is moved upwards or, together with the left indicator, when the hazard warning light button is pressed.



Blue warning lights

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

White warning lights

Warning light	What it means
 white	ENERGY RECOVERY (for versions/markets, where provided) The indicator light turns on during energy recovery (deceleration with a gear engaged) for recharging the auxiliary battery. In some circumstances, the indicator light may turn on briefly when shifting gear. This does not indicate a fault, so it is not necessary to go to a workshop.

Symbols on the display

Symbol or message	What it means
	The symbol is displayed, along with a dedicated message, in the event of an LPG system failure. In this case, contact a Fiat Dealership as soon as possible, running on petrol.
	The symbol is displayed, along with a dedicated message, in the event of a methane supply system failure. In this case, contact a Fiat Dealership as soon as possible, running on petrol.
	FUEL LEVEL SENSOR FAILURE The symbol appears and all the notches disappear in the event of fuel gauge sensor failure. Contact a Fiat Dealership as soon as possible.
	START&STOP SYSTEM FAILURE The symbol appears, together with a dedicated message on the display on some versions, to indicate a Start&Stop system failure. Contact a Fiat Dealership as soon as possible.

Symbol or message	What it means
	HYBRID SYSTEM FAILURE (for versions/markets, where provided) In the event of a hybrid system failure, all the segments of the battery charge level indicator turn off, and the  warning light and/or  warning light and/or  symbol may turn on. Contact a Fiat Dealership as soon as possible.
	START&STOP (For versions/markets, where provided) The message is displayed when the Start&Stop system is activated/deactivated by pressing the  button in the central part of the dashboard. With the Start&Stop system on, the LED on the button is off; if the system is deactivated the LED comes on.
GRAVITY CONTROL (Panda Cross 4x4 versions)	The activation, activation not permitted and deactivation of the Gravity Control system are shown on the display.
SERVICE	When the next scheduled service is approaching, the word "Service" appears on the display, followed by the number of kilometres or miles left. This is displayed automatically, with ignition key at MAR, 2000 km (or equivalent value in miles) before servicing or, where provided, 30 days before servicing. It is also displayed each time the key is turned to MAR or, for versions/ markets, where provided, every 200 km (or equivalent value in miles). Go to a Fiat Dealership, where the "Scheduled Servicing Plan" operations will be performed and the message will be reset.



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

SAFETY

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ACTIVE SAFETY SYSTEMS



ABS (Anti-lock Braking System)

This system, which is an integral part of the braking system, prevents one or more wheels from locking and slipping in all road surface conditions, irrespective of the intensity of the braking action, ensuring that the vehicle can be controlled even during emergency braking.

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.

The ABS also integrates the following systems:

EBD (Electronic Braking Force Distribution), MSR (Motor Schlepplmoment Regelung) and MBA (Mechanical Brake Assist) (for versions/markets, where provided).

System intervention

The driver can feel that the ABS system has come into action because the brake pedal pulsates slightly and the

system gets noisier: this is entirely normal with the system operating.

 43) 44) 45) 46) 47) 48) 49) 50) 51)

ESC (Electronic Stability Control) SYSTEM

(for versions/markets, where provided)

This is an electronic system that controls car stability in the event of loss of tyre grip, helping maintain directional control. The system is capable of recognising potentially dangerous situations in terms of the stability and intervenes automatically on the brakes in a differentiated manner for the four wheels in order to provide a stabilising torque. The ESC system switches on automatically when the engine is started and cannot be switched off.

System intervention

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

 52) 53) 54) 55) 56) 57)

HH (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*: car stationary on a road with a gradient higher than 5%, engine running, brake pressed and reverse gear engaged. When setting off, the ESC system control unit maintains the braking pressure on the wheels until the torque necessary for starting is reached, or in any case for a maximum of 2 seconds, allowing your right foot to be moved easily from the brake pedal to the accelerator.

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

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

NOTE The Hill Holder system is not active with parking brake engaged.

WARNING The Hill Holder system is not a parking brake, therefore do not leave the vehicle without activating the handbrake, switching off the engine, and engaging first gear, with the vehicle parked in safe conditions.



ASR (AntiSlip Regulation) SYSTEM

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

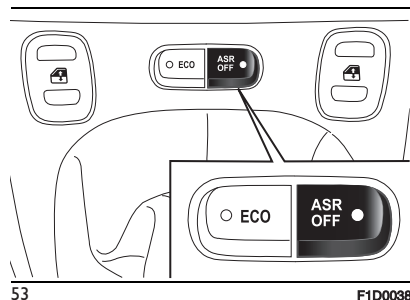
Depending on the slipping conditions, two different control systems are activated:

- 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 system

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

Whilst driving, the ASR can be switched off and subsequently switched on again by pressing the ASR OFF button fig. 53.



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

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

When the ASR is deactivated whilst driving, the next time the car is started the ASR is automatically activated.

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 setting off gives you better traction.

 58) 59) 60) 61) 62)

HBA (Hydraulic Brake Assist) SYSTEM

The HBA system is designed to improve the car's braking capacity 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.

 63) 64) 65)

ELD (Electronic Locking Differential) SYSTEM

(Panda Cross 4x4 and Panda 4x4 versions)

The ELD system allows the drive force to be evenly distributed over the same axle when one or both wheels are slipping.

The ELD acts by braking the wheels with poor grip (or those slipping more than the others), thereby transferring the drive force to those which have greater grip on the ground. The system

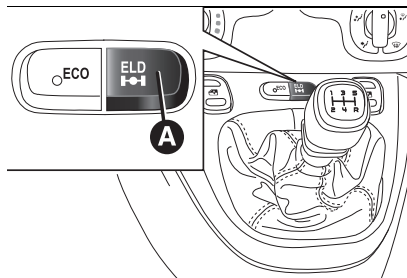
operates at speeds below 50 km/h. Above this speed, it is automatically deactivated and it is reactivated when the speed falls below 50 km/h.

The activation of the ELD system involves the following functions being switched on:

- ❑ inhibition of the ASR function, in order to fully exploit the engine torque;
- ❑ differential lock effect on the front and rear axles, via the braking system, to improve drive on uneven surfaces.

Enabling the system

To arrange operation of the ELD system press button (A) fig. 54 (Panda 4x4 versions) or turn the ring fig. 55 to the right (Panda Cross 4x4 versions) and keep it in this position until LED (2) on the selector lights up.

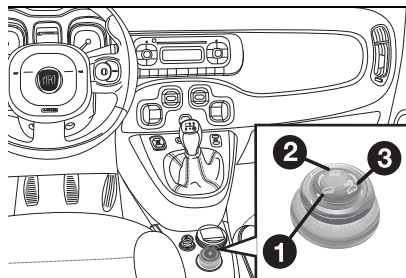


54

F1D0122

System intervention

The warning light  on the instrument panel flashes to signal that the system has intervened.



55

F1D0116

If the space-saver wheel is used

If the space-saver wheel is used, the control unit for 4x4 drive detects its presence (via the wheel speed signals) and reduces the intervention of the four-wheel drive mode to a minimum, while guaranteeing the agility of the vehicle. No fault/alarm signal is displayed on the instrument panel or on the display.

Disabling the system

To disable the system, press button (A) fig. 54 (Panda 4x4 versions) or turn the ring fig. 55 to the left (Panda Cross 4x4 versions) and keep it in this position until LED (1) on the selector lights up.

GRAVITY CONTROL SYSTEM

(Panda Cross 4x4 versions)

WARNING This function can be activated only with "Off Road" mode activated.

It is an integral part of the ESC system 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 Gravity Control function assists the driver on steep gradients in low-grip conditions and/or on rough terrain. Noise and vibrations coming from the wheel sides (brakes) when the Gravity Control system is activated are normal.

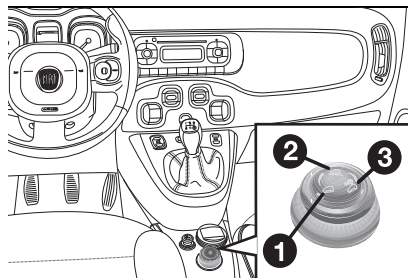
WARNING The system does not relieve the driver of the responsibility of controlling the vehicle and does not replace attention while driving. The driver of the vehicle takes the complete responsibility for the consequences of their actions and of an incorrect and not responsible use of the vehicle.

Enabling the system

To arrange operation of the Gravity Control system, turn ring fig. 56, with



LED (2) on, to the right, and keep it in this position until LED (3) on the selector lights up. The  warning light comes on in the instrument panel and the dedicated message is displayed.



56

F1D0116

WARNING System intervention set-up can be engaged only with "Off Road" mode activated.

System intervention

You must travel at a speed slower than 25 km/h for the system to activate. After reaching the desired speed, release the accelerator and brake pedals completely. If you want to increase/decrease the speed, press the accelerator/brake pedals again.

WARNING The system is also available for very low speeds between 5 km/h and 9 km/h, but in this interval the

gearbox must be set to neutral to prevent engine stalling.

WARNING For speeds above 9 km/h, the Gravity Control system must be used with a gear that is suitable for the set speed, in order to prevent possible engine stalling. While the Gravity Control system is operating it is also possible to take control of the vehicle again by pressing the brake and accelerator pedals. If the Gravity Control is not available when system intervention set-up is engaged, this could be due to brake overheating. In this case, wait for a few minutes.

WARNING The Gravity Control system is available for speeds between 5 km/h and 25 km/h. It is advisable to use the system in low gears (first, second and third).

WARNING On level ground in urban areas it is advisable to deactivate the Gravity Control system intervention set-up, since for speeds below 25 km/h in some usage conditions, such as when setting off, shifting gear and driving over road humps without using the accelerator pedal, the system might activate.

Disabling the system

To deactivate the system, turn the ring nut fig. 56 to the left, keeping it in this position until LED (3) on the selector switches off.

WARNING If the braking system overheats the system will deactivate through a gradual release of the braking pressure, leaving vehicle control to the driver. Deactivation of the Gravity Control system is accompanied by flashing of the warning light , by a dedicated message on the display and an acoustic warning. To reactivate the system intervention set-up wait for the system to cool down and turn the ring nut again.

WARNING The Gravity Control system is deactivated when exceeding 25 km/h and at speeds lower than 50 km/h it remains enabled to be reactivated when the speed returns under 25 km/h. In this case, the indication on the instrument panel is switched off and the LED on the ring stays on. If car speed exceeds 50 km/h, the Gravity Control system completely deactivates and each individual action made by the system on the brakes is blocked. To reactivate it, turn the ring nut again when the speed is again below 25 km/h.

T+ (Traction Plus) SYSTEM

(for versions/markets, where provided)
Traction Plus is a driving aid, useful for setting off in poor grip conditions (snow, ice, mud, etc.) which allows the drive force to be distributed in the best way over the front axle when one wheel is slipping.

Traction Plus acts by braking the wheels with poor grip (or those slipping more than the others), thereby transferring the drive force to those which have greater grip on the ground.

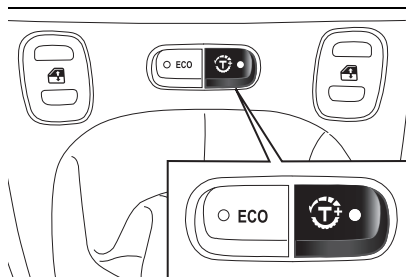
On/off

The system is deactivated when starting.

To activate the Traction Plus system, press the T+ button fig. 57: the LED on the button switches on; the display shows a dedicated message. To disengage the system press the T+ button again.

Operation

This function operates under a threshold of 30 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.



57

F1D0039

The activation of the Traction Plus system causes 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 ESC warning light on the instrument panel switches on constantly.



WARNING

43) 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.

44) 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.

45) If the ABS system intervenes, this indicates that the traction of the tyres on the road is nearing its limit. You must slow down to a speed compatible with the available traction.

46) 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.

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

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

49) 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.

50) 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.

51) When the Mechanical Brake Assist intervenes, noises may be heard from the system. This is normal. In any case, while braking keep the brake pedal firmly depressed.

52) For the correct operation of the ESC system, the tyres must necessarily be of the same make and type on all wheels, in perfect condition and, above all, of the prescribed type and size.

53) The ESC functions even when the space-saver wheel is being used. Always remember that the space-saver wheel,



being smaller than the original wheel, provides less grip.

54) ESC performance features must not induce the driver to take unnecessary or unfounded risks. Your driving style must always be suited to the road conditions, visibility and traffic. The driver is always responsible for road safety.

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

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

57) 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.

58) For the correct operation of the ASR system, the tyres must of necessity be the same make and type on all wheels, in perfect condition and, above all, of the prescribed type and dimensions.

59) Do not take unnecessary risks, even if your vehicle is fitted with an ASR system. Your driving style must always be suited to the road conditions, visibility and traffic. The driver is always responsible for road safety.

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

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

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

63) 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.

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

65) 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 capability of the HBA system must never be tested irresponsibly and dangerously, in such a way as to compromise the safety of the driver, the other occupants of the car or any other road user

DRIVING ASSISTANCE SYSTEMS

CBC (City Brake Control) system

(for versions/markets, where provided)

 66) 67) 68) 69) 70) 71)

 27) 28) 29) 30) 31) 32) 33)

This is a driving assistance system, which includes a laser sensor, located in the upper part of the windscreen fig. 58, that can detect the presence of nearby cars in front of the vehicle and, in the case of an imminent collision, intervenes automatically, braking the vehicle to prevent the impact or mitigate its effects.



58

F1D0041

The system is only active if:

- ☐ the ignition key is at MAR;
- ☐ the vehicle speed is between 5 and 30 km/h;

❑ the front seat belts are fastened. Anyway, the system can be deactivated (then reactivated) through the Setup Menu on the display. The system intervenes if there is risk of imminent collision and the driver does not press the brake pedal promptly. If the system detects that the car ahead could be hit, it may prepare the car to a possible emergency braking. If the driver does not carry out any action to prevent the collision, the system may automatically slow down the vehicle, in order to prepare it to a possible impact.

When there is risk of impact, if the action on the brake pedal by the driver is not sufficient, the system may intervene in order to improve the reaction of the braking system, therefore reducing vehicle speed further.

When driving uphill on a steep slope, the system may intervene, activating the braking system.

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

Versions equipped with manual gearbox: at the end of the automatic braking the engine may stall and turn

off, unless the driver presses the clutch pedal.

WARNING After the car is stopped, the brake callipers may be locked for about 2 seconds for safety reasons. Depress the brake pedal if the vehicle should advance slightly.

WARNING The system does **NOT** activate when reverse is engaged. The system does **NOT** activate if the front seat belts are not fastened.

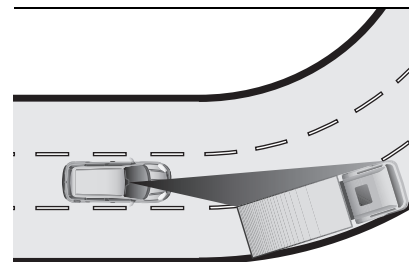
On/off

The system can be deactivated (then reactivated) through the Setup Menu on the display.

Driving in special conditions

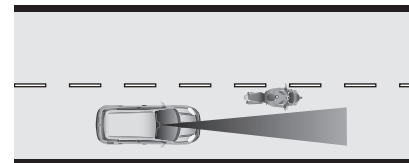
In certain driving conditions, such as, for example:

- ❑ driving close to a bend (see fig. 59);
 - ❑ cars with small dimensions and/or not aligned in the driving lane (see fig. 60);
 - ❑ change of lane by other cars (see fig. 61);
- system intervention may be unexpected or delayed. The driver must therefore be very careful, keeping control of the vehicle to drive in complete safety.



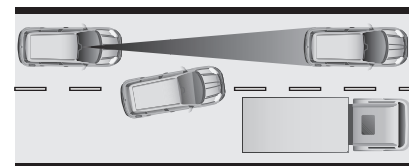
59

F1D0042



60

F1D0043



61

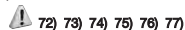
F1D0044



WARNING If you are driving on roads close to trees with protruding branches it is advisable to deactivate the system to prevent the branches at the height of the bonnet or the windscreen from interfering with the system.

iTPMS System (indirect Tyre Pressure Monitoring System)

(for versions/markets, where provided)



The car can be equipped with the iTPMS (indirect Tire Pressure Monitoring System) which monitors the tyre inflation status thanks to wheel speed sensors. The system warns the driver if one or more tyres are flat by the dedicated (!) warning light continuously on and a dedicated warning message on the display. If one tyre only is flat, the system can indicate its position: it is in any case recommended to check the pressure on all four tyres.

This warning is displayed also when turning the engine off and on again until the RESET procedure is carried out.

Reset procedure

The iTPMS needs an initial "self-learning" phase (with length depending on the driving style and road conditions: optimal conditions being

driving on a straight road at 80 km/h for at least 20 minutes) which starts when the Reset procedure is carried out. The Reset procedure must be carried out:

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

Before carrying out the "Reset" procedure, inflate the tyres to the rated pressure values specified in the inflation pressure table (see the "Wheels" chapter in the "Technical specifications" section).

If the Reset procedure is not carried out, in all above cases, the (!) warning light may give false indications on one or more tyres.

To carry out the RESET procedure, with the vehicle stopped and the ignition device at MAR, use the Main Menu as follows:

- briefly press button: the display will show Reset;
- press button or to select ("Yes" or "No");
- briefly press the button: the display will show "Confirm";
- press button or to select ("Yes" to reset or "No" to exit the video page);

□ hold the button down again to return to the standard screen or to the main menu according to where you are in the menu.

At the end of the "Reset" procedure, the display will show the dedicated message, which indicates that self-learning has started.

Operating conditions

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

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

Under special conditions (e.g. vehicle loaded asymmetrically on one side, towing a trailer, damaged or worn tyre, fitting the space-saver spare wheel, use of the "Fix&Go" kit, fitting snow chains, fitting different tyres on the axles) the system may give false indications or be temporarily deactivated. If the system is temporarily deactivated, the warning light (!) flashes for about 75 seconds and then is continuously on; at the same time, the display shows a dedicated message.

This warning is also displayed after the engine has been switched off and

then on again if the correct operating conditions are not restored.



WARNING

- 66)** 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 car in front.
- 67)** The capability of the City Brake Control system must never be tested irresponsibly or dangerously, in such a way as to compromise personal safety and the safety of others.
- 68)** 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).
- 69)** The laser beam is not visible at the naked eye. Do not look directly, or with optical instruments (e.g. lenses), at the laser beam from a distance lower than 10 cm: this may cause damage to the sight. The laser beam is also present when the key is at MAR but its operation is off, not available or manually deactivated with the display Setup Menu.
- 70)** The system intervenes on cars travelling in the same lane. Small-sized vehicles (e.g. bicycles or motorbikes) or people, animals and things (e.g. pushchairs) and more in general all those obstacles with a low reflection of the light

emitted by the laser (e.g. vehicles soiled with mud) are not taken into consideration.

- 71)** If the car must be placed on a roller bench (at a speed within 5 and 30 km/h) for maintenance interventions or if it is washed in an automatic roller washing tunnel with an obstacle in the front part (e.g. another car, a wall or another obstacle), the system may detect its presence and activate. In this case the system must be deactivated through the display Setup Menu.
- 72)** If the system signals a pressure drop on a specific tyre, it is recommended to check the pressure on all four tyres.
- 73)** The iTPMS does not relieve the driver from the obligation to check the tyre pressure every month; the system does not replace servicing or operate as a safety system.
- 74)** 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.
- 75)** The iTPMS cannot indicate sudden tyre pressure drops (for example when a tyre bursts). In this case, stop the vehicle, braking with caution and avoiding abrupt steering.
- 76)** The system only warns that the tyre pressure is low: it is not able to inflate them.
- 77)** Insufficient tyre inflation increases fuel consumption, reduces the tread duration and may affect the capacity to drive safely.



IMPORTANT

- 27)** The laser sensor 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.
- 28)** Sensor operation may also be compromised by the presence of dust, condensation, dirt or ice on the windscreen, by traffic conditions (e.g. cars that are driving not aligned with you car, cars driving in a transverse or opposite way on the same lane, bend with a small radius of curvature), by road surface conditions and by driving conditions (e.g. off-road driving). Make sure the windscreen is always clean. Use specific detergents and clean cloths to avoid scratching the windscreen. The sensor operation may also be limited or absent in some driving, traffic and road surface conditions.
- 29)** Projecting loads on the roof of the car may interfere with the correct operation of the sensor. Before starting make sure the load is correctly positioned, in order not to cover the sensor operating range.
- 30)** 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 laser sensor area.
- 31)** Do not tamper nor operate on the laser sensor. Do not close the openings in the aesthetic cover located under the interior



rear view mirror. In the event of a sensor failure, contact a Fiat Dealership.

32) Do not cover the operating range of the sensor with stickers or other objects. Also pay attention to other objects on the bonnet (e.g. a layer of snow) and make sure they do not interfere with the light emitted by the laser.

33) If a trailer or a vehicle is towed the system must be deactivated with the display Setup Menu.

OCCUPANT PROTECTION SYSTEMS

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

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

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

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

SEAT BELTS

All vehicle seats are equipped with seat belts with three anchor points and a retractor. The reel mechanism operates locking the belt in the event of sharp braking or strong deceleration due to an impact. This allows the belt strap to slide freely and to adapt to the body of the occupant. In the event of an accident, the belt will lock reducing the risk of impact inside the passenger compartment and of being projected outside the car.

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

Always fasten the seat belts before setting off.

USING THE SEAT BELTS

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

To fasten the seat belts, hold fastening tongue (A) fig. 62 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.

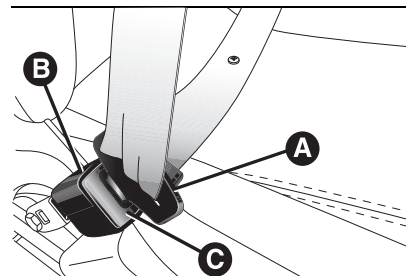
Press button (C) to release the belt. Guide the belt while it is rewinding to prevent it from twisting. Through the

retractor, the belt automatically adapts to the body of the passenger wearing it, allowing freedom of movement.



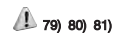
The retractor may lock when the vehicle is parked on a steep slope: this is perfectly normal. Furthermore, the retractor mechanism locks the belt if it is pulled sharply or in the event of sudden braking, collisions and high-speed bends.

The rear seat is fitted with inertia seat belts with three anchoring points and a retractor. Wear the rear seat belts as shown in fig. 63 (4-seater versions) or fig. 64 (5-seater versions).

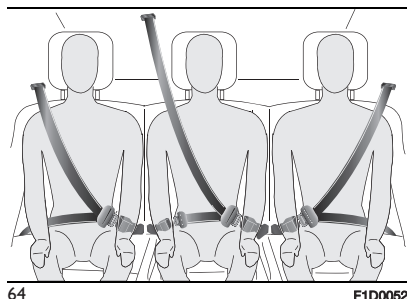
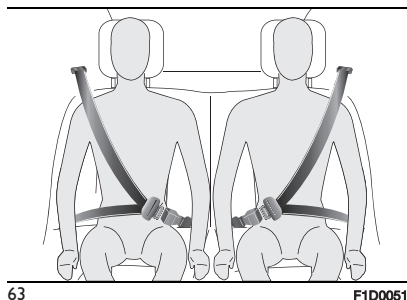


62

F1D0050



79) 80) 81)



WARNING When putting the back seat to its normal position, make sure the seat belts are positioned so they are ready to use.

ADJUSTING THE SEAT BELT HEIGHT

(for versions/markets, where provided)

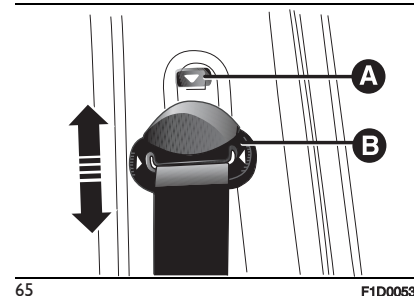


Four different adjustments in height are provided. To adjust, press button (A)

fig. 65 and raise or lower the handle (B).

Always adjust the height of the seat belt to fit the person wearing it: this precaution could greatly reduce the risk of injury in the case of collision.

Correct adjustment is obtained when the belt passes approximately half way between the shoulder and the neck. For some versions, front seat belts have just one fixed anchor point located on the door pillar.



WARNING

78) Never press button (C) fig. 62 when travelling.

79) Remember that in the event of an accident, the rear seat passengers not wearing seat belts are exposed to a very serious risk and also represent a serious danger for the front seat occupants.

80) The rear central seat belt (for versions/markets, where provided) is provided with a service buckle fig. 66. Do not use the seat belt with the service buckle not fastened. In this case there is a high risk of injury or death in the event of an accident. Before using the belt, always make sure that the service buckle is correctly fastened.

81) The rear left and right side belts are provided with an adjustment device for the metal tongue position (metal hook). Adjust the tongue position with respect to the seat belt to improve comfort and reduce noise inside the passenger compartment.

82) Make height adjustment of the seat belts when the car is stationary.

83) After height 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 (A) fig. 65 released, press downward more to allow the anchoring device to click if it has not been released in one of the possible positions.



SBR (SEAT BELT REMINDER) SYSTEM

The SBR system warns the passengers of the front (for versions/markets, where provided) and rear (for versions/markets, where provided) seats if their seat belt is not fastened. The system warns 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).

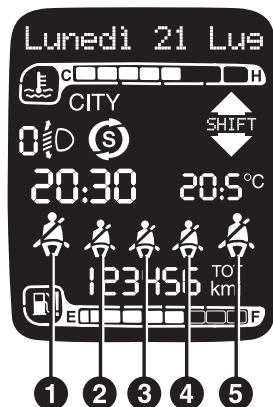
WARNING Contact a Fiat Dealership to deactivate this acoustic warning permanently. The acoustic warning can be reactivated at any time through the display Setup Menu.

Seat belts warning light operation

The icons shown on the display fig. 67 indicate:

- **1**: driver side front seat belt;
- **2**: rear left seat belt (*);
- **3**: rear central seat belt (*);
- **4**: rear right side seat belt (*);
- **5**: passenger side front seat belt (*);
- **A**: seat belt not fastened;
- **B**: seat belt fastened.

(*) For versions/markets where provided



A



B

67

F1D1021

With driver and/or passenger side (with passenger present) seat belts unfastened, when 20 km/h are exceeded or when travelling at a speed between 10 and 20 km/h for longer than 5 seconds, an acoustic signal cycle will be started for the front seats (continuous acoustic signal for 6 seconds followed by a 90 second beep) and the warning light will flash. Once the cycle is complete, the warning lights stay on with a fixed light

until the vehicle is turned off or the seat belt fastened. If the seat belt is unfastened again while travelling, the acoustic warning restarts as described previously and the  icon is displayed. For the rear seats, the reminder cycle is only activated when any seat belt is unfastened together with an acoustic warning (three beeps). If the condition of any (front or rear) seat belt changes, also the condition of the other (front/rear) seat belts is reported. The visual indication (display of the  icon) will start and stop independently for each warning light if several seat belts are unfastened. The visual indication will change condition (display of the  icon) after the corresponding seat belt has been fastened again.

WARNING When the ignition key is turned to MAR, if all the front and rear belts are already fastened the  warning lights will be displayed for 30 seconds.

NOTE: Turning the ignition key to the MAR position with the driver's seat belt unfastened and the seat NOT used, the icon shown in figure A (seat belt unfastened) will appear on the instrument panel (for versions/markets, where provided) will be the one

because the seat is not secured. If the front passenger seat belt, with seat with presence sensor, is unfastened and the seat is NOT used, the icon shown in figure B (seat belt fastened) will appear on the instrument panel indicating that the seat is secure because no passenger presence is detected. In the case of seats without presence sensor, the icon corresponding to whether or not the seat belt is fastened will be displayed.

PRE-TENSIONERS

 84) 85) 86) 87)

 34)

The vehicle is equipped with front seat belt pretensioners, which draw back the seat belts by several centimetres in the event of a strong frontal impact. This guarantees the perfect adherence of the seat belts to the occupant's bodies before the retention action begins. It is evident that the pretensioners have operated when the belt withdraws towards 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. Anything that modifies its original conditions invalidates its efficiency.

If, due to unusual natural events (floods, sea storms, etc.), the device has been affected by water and/or mud, contact a Fiat Dealership to have it replaced.

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 occupant safety, the retractors contain a load limiter to dose the force acting on the chest and shoulders during the belt restraining action in the case of frontal collisions.

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 impact is greatly reduced for them and the unborn child if they are wearing a seat belt. Pregnant women must position the lower part of the belt very low down so that it passes over the pelvis and under the abdomen (see fig. 68). While pregnancy increases, the driver must adjust both seat and steering wheel to have full control over the vehicle (pedals and steering wheel should be easily

accessed). The maximum clearance should be kept between the abdomen and the steering wheel.



68

F1D0123

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 (as shown in fig. 69) rather than the abdomen of the occupant. Do not use devices (clips, etc.) to hold the seat belt away from your body.

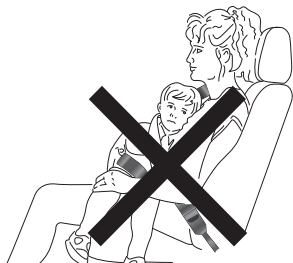


69

F1D0124



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



70

F1D0125

SEAT BELTS MAINTENANCE

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

- ❑ always use the seat belt with the strap well stretched and not twisted; make sure that it is free to run without obstructions;
- ❑ check seat belt operation as follows: attach the seat belt and pull it hard;
- ❑ replace the seat belt after an accident of a certain severity even if it does not appear to be damaged. Always replace the seat belt if the pretensioners were deployed;

- ❑ prevent the retractors from getting wet: their correct operation is only guaranteed if water does not get inside;
- ❑ replace the seat belt when it shows wear or cuts.



WARNING

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

85) For maximum safety, keep the backrest upright, lean back into it and make sure the seat belt fits closely across your chest and pelvis. Always fasten the seat belts on both the front and the rear seats! Travelling without wearing seat belts will increase the risk of serious injury and even death in the event of an accident.

86) Removing or tampering with seat belt and pretensioner components is strictly prohibited. Any intervention on these components must be performed by qualified and authorised technicians. Always go to a Fiat Dealership.

87) If the belt has been sharply pulled, for example as the result of an accident, the seat belt, together with the anchoring devices, the anchoring device fixing screws and the pretensioner must be completely replaced. Even if the belt does not present any exterior signs of wear or damage, it may have lost its restraining properties.



IMPORTANT

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

CHILD RESTRAINT SYSTEMS

CARRYING CHILDREN SAFELY

88) 89) 90) 91)

For optimal protection in the event of an impact, all occupants must be seated and wearing adequate restraint systems, including newborn and other children! This prescription is compulsory in all EC countries according to EC Directive 2003/20/EC. Children below the height of 1.50 metres and up to 12 years must be protected with suitable restraint systems and be seated on the rear seats.

Statistics on accidents indicate that the rear seats offer greater safety for children. Compared with an adult, a child's head is larger and heavier in proportion to their body and the child's muscular and bone structures are not

fully developed. Therefore, correct restraint systems other than adult seat belts are necessary to reduce as much as possible the risk of injuries in the event of an accident, braking or sudden manoeuvre.

Children must be seated safely and comfortably. As far as the characteristics of the child seats used allow, you are advised to keep children in rear facing child seats for as long as possible (at least until 3–4 years old), since this is the most protected position in the event of an impact.

The choice of the most suitable child restraint system depends on the weight and size of the child. There are various types of child restraint systems, which can be secured to the car by means of the seat belts or with the ISOFIX anchorages.

It is recommended to always choose the restraint system most suitable for the child; for this reason always refer to the Owner Handbook provided with the child restraint system, to be sure that it is of the right type for the children it is intended for.



WARNING

88) *SEVERE DANGER* When a front passenger airbag is fitted, do not install rearward facing child restraint systems on the front passenger seat. Deployment of the airbag in a crash could cause fatal injuries to the child regardless of the severity of the collision. It is advisable to always carry children in a child restraint system on the rear seat, which is the most protected position in the event of a collision.

89) There is a symbol on the label on the sun visor that illustrates the need to deactivate the air bag if you are installing a rear-facing child seat. Always comply with the instructions on the passenger side sun visor (see the "Supplementary Restraint System (SRS) - Airbag" chapter).

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

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



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

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

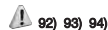
All restraint devices must bear the type-approval data, together with the control mark, on a label solidly fixed to the child restraint system which must never be removed.

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

WARNING For correct installation on the vehicle, some universal child restraint systems require an accessory (base) sold separately by the restraint system's producer. Therefore, FCA recommends confirming the retailer if the desired child seat can be installed in the car by having it done, before buying the seat.



CHILD RESTRAINT SYSTEMS INSTALLING A CHILD CARSEAT WITH SEATBELTS



The Universal child restraint systems installed with the seat belts only are type-approved on the basis of the ECE R44 standard and are divided into various weight groups.

WARNING The figures are indicative and provided for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.

WARNING Following an accident of a certain importance, it is recommended to replace both the child restraint system and the seat belt to which it was bound.

Group 0 and 0+

Infants up to 13 kg must be carried with a rearward facing child restraint system of the type shown in fig. 71 which, supporting the head, does not induce stress on the neck in the event of sudden decelerations.

The child restraint system is restrained by the vehicle seat belts, as shown in

fig. 71 and it must restrain the child in turn with its own belts.

0-13 kg



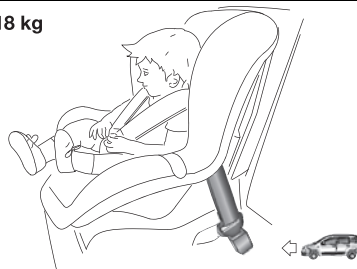
71

F1D0055

Group 1

Children weighing from 9 to 18 kg may be transported in forward facing child restraint systems fig. 72.

9-18 kg



72

F1D0056

Group 2

Children from 15 to 25 kg may use the vehicle seat belts directly fig. 73. In this case, the child restraint system is used to position the child correctly

with respect to the seat belts so that the diagonal belt section crosses the child's chest and not the neck, and the lower part is snug on the pelvis not the abdomen.

15-25 kg



73

F1D0057

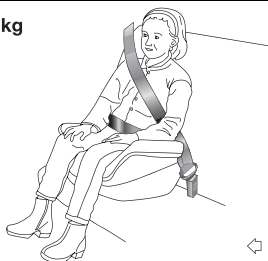
Group 3

For children between 22 kg and 36 kg, there are boosters which allow the seat belt to be worn correctly.

The fig. 74 shows the correct child positioning on the rear seat.

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

22-36 kg



74

F1D0058



WARNING

92) *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.*

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

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

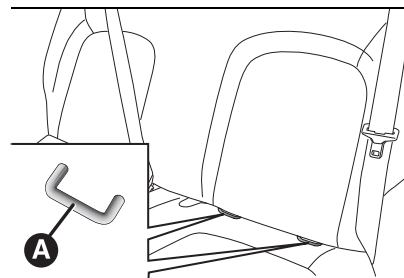
INSTALLING AN ISOFIX CHILD CARSEAT

 **95) 96) 97) 98)**

The outer rear seats of the vehicle are equipped with ISOFIX anchorages, a European standard which makes fitting a child restraint system quick, simple and safe.

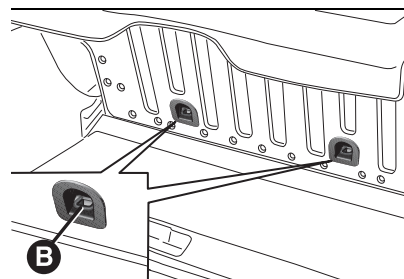
The ISOFIX system lets you install the ISOFIX child restraining system without using the car seat belts but connecting them directly to the carseat with three anchors in the car. You can use the traditional mixed mounting carseats and ISOFIX in different places in the same car. To install an ISOFIX child restraint system, attach it to the two metal anchorings (A) fig. 75 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. 76 located at the bottom behind the backrest.

fig. 77 shows an example of a Universal ISOFIX child restraint system for weight group 1.



75

F1D0060

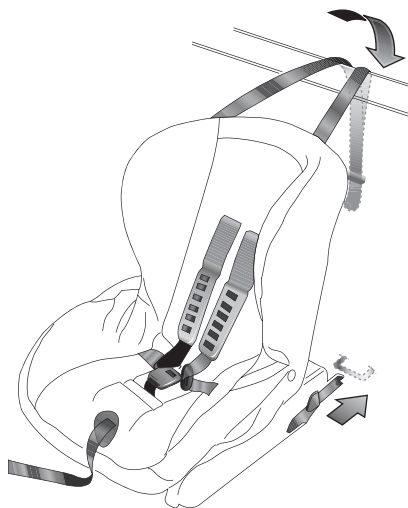


76

F1D0061

WARNING The fig. 77 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.





77

F1D0059

**WARNING**

95) Always make sure that the chest 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.

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

97) 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.

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

i-Size CHILD RESTRAINT SYSTEMS

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

- ❑ the child must be transported rearward facing until 15 months;
- ❑ child restraint system protection is increased in the event of a side collision;
- ❑ the use of the ISOFIX system is promoted to avoid faulty installation of the child restraint system;
- ❑ efficiency in the choice of the child restraint system, which isn't made according to weight any more but according to the child's height, is increased;
- ❑ compatibility between the vehicle seats and the child restraint systems is

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

WARNING If your car seats are i-Size approved, the symbol shown in fig. 78 will appear on the seats near the ISOFIX attachments.



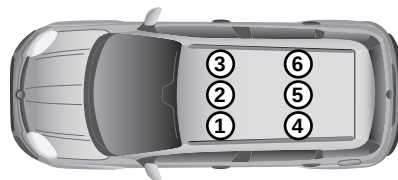
78

F1B0124C

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

Child restraint system installation

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



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



Number of seats									
Seat number	1	2	3		4	5	6		
			Airbag ENABLED	Airbag DISABLED					

Seat suitable for forward
facing fixtures (B2/B3)
(IUF)

X

X

NO

NO

NO (1)

X

NO (1)

U = Position suitable for a "universal" child restraint system approved for this weight category.

UF = Position suitable for a "universal" forward facing child restraint system approved for this weight category.

IUF = Position suitable for an "ISOFIX" universal forward facing child restraint system approved for this weight category.

i-U = Position suitable for an i-Size "universal" forward facing or rearward facing child restraint system.

i-UF = Position suitable for an i-Size "universal" forward facing child restraint system.

IL = Position suitable for specific listed ISOFIX child restraint systems (CRS). These ISOFIX CRS are classified as "car-specific", "restricted use" and "semi-universal".

X = Not applicable. The seat is not approved for installation of child restraint systems.

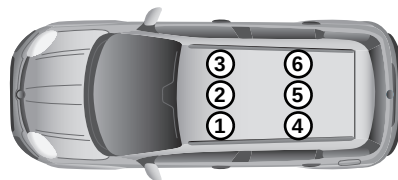
(a) = With forward facing child restraint system, the seat must be positioned no more forward than the longitudinal halfway point.

(1) = this car is not approved for use with i-Size child restraint systems. Nevertheless, it may still be possible to install an i-Size child restraint system. Therefore, check the compatibility of this vehicle with the identified child restraint system on the manufacturer's website.

** = It may be necessary to move the front seat in order to install a child restraint system.

Child restraint system installation (right-hand drive version)

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



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



Number of seats									
Seat number	1		2	3	4	5	6		
	Airbag ENABLED	Airbag DISABLED							

Seat suitable for forward
facing fixtures (B2/B3)
(IUF)

NO

NO

X

X

NO (1)

X

NO (1)

U = Position suitable for a "universal" child restraint system approved for this weight category.

UF = Position suitable for a "universal" forward facing child restraint system approved for this weight category.

IUF = Position suitable for an "ISOFIX" universal forward facing child restraint system approved for this weight category.

i-U = Position suitable for an i-Size "universal" forward facing or rearward facing child restraint system.

i-UF = Position suitable for an i-Size "universal" forward facing child restraint system.

IL = Position suitable for specific listed ISOFIX child restraint systems (CRS). These ISOFIX CRS are classified as "vehicle-specific", "restricted use" and "semi-universal".

X = Not applicable. The seat is not approved for installation of child restraint systems.

(a) = With forward facing child restraint system, the seat must be positioned no more forward than the longitudinal halfway point.

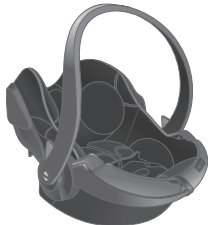
(1) = this vehicle is not approved for use with i-Size child restraint systems. Nevertheless, it may still be possible to install an i-Size child restraint system. Therefore, check the compatibility of this vehicle with the identified child restraint system on the manufacturer's website.

** = It may be necessary to move the front seat in order to install a child restraint system.

CHILD RESTRAINT SYSTEMS RECOMMENDED BY FCA FOR YOUR PANDA

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

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

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 0+ : from birth to 13 kg from 40 cm to 80 cm		BeSafe iZi Go Modular Fiat order code: 71808564	Universal/i-Size child restraint system. It must be installed facing rearwards, using the car seat belts only, or the dedicated i-Size base (which can be purchased separately) and the car ISOFIX anchorages. It must be fitted on the rear outer seats.
		BeSafe iZi Modular i-Size Base Fiat order code: 71808566	



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

Weight group

Child restraint system

Type of child restraint system

Child restraint system installation

Group 3: from 22 to 36 kg
from 136 cm to 150 cm



Britax Römer KidFix XP
(for versions/markets, where
provided)
Fiat order code: 71807984

It can only be fitted facing forwards, using
the three-point seat belt and the ISOFIX
anchorage of the vehicle, if present. **Fiat
recommends installing it using the
vehicle's ISOFIX anchor points.**
It must be fitted on the rear outer seats.



Main recommendations to carry children safely

- ❑ Install the child restraint systems on the rear seat, which is the most protected position in the event of an impact.
- ❑ Keep children in rearward facing child restraint systems for as long as possible, until 3–4 years old if possible.
- ❑ Should a rearward facing child restraint system be installed on the rear seats, it is advisable to position it as far forward as the position of the front seat allows.
- ❑ If the passenger's front airbag is deactivated, always check that the warning light is on constantly in the central dashboard, to make sure that it has actually been deactivated. 
- ❑ Carefully follow the instructions supplied with the child restraint system. Keep the instructions in the vehicle along with the other documents and this handbook. Do not use second-hand child seats without instructions.
- ❑ Only one child is to be strapped into each restraint system; never carry two children using one child restraint system.
- ❑ Always check that the seat belts do not rest on the child's neck.

- ❑ Always check that the seat belt is well fastened by pulling on it.
- ❑ While travelling, do not let the child sit incorrectly or unfasten the belts.
- ❑ Never allow a child to put the belt's diagonal section under an arm or behind their back.
- ❑ Never carry children on your lap, even newborns. No-one can hold a child in the case of a crash.
- ❑ If the car has been involved in a road accident, replace the child restraint system with a new one. In addition, and depending on the type of child restraint system installed, replace the Isofix anchorages or the seat belt with which the child restraint system was connected.
- ❑ The rear head restraint can be removed if needed to install a child restraint system. The head restraint must always be present in the vehicle and fitted if the seat is used by an adult passenger or a child sitting in a restraint system without backrest.

SUPPLEMENTARY RESTRAINT SYSTEM (SRS) - AIRBAG

The car is equipped with:

- ❑ front driver airbag;
- ❑ front passenger airbag;
- ❑ front side bags for pelvis, chest and shoulder protection of driver and passenger (for versions/markets, where provided);
- ❑ side bags for head protection of front seat passengers and rear side seat passengers (window bag).

FRONT AIRBAGS



The front (driver and passenger) airbags protect the front seat occupants in the event of head-on crashes of medium-high severity, by placing the cushion between the occupant and the steering wheel or dashboard.

Therefore non-activation of airbags in other types of collisions (side impacts, rear shunts, roll-overs, etc.) does not indicate a system malfunction.

Driver and passenger front airbags are not a replacement of but complementary to the seat belts, which should always be worn, as specified by law in Europe and most non-European countries.

In the event of an impact, those not wearing a seat belt are projected forwards, and may come into contact with the bag which is still inflating.

The protection offered by the bag is compromised in these circumstances.

The front airbags may not activate in the case of a frontal impact against highly deformable objects not involving the front surface of the vehicle (e.g. wing collision against guard rail) or in the case of the vehicle wedging under other vehicles or protective barriers (e.g. under trucks or guard rails). Failure to activate in the conditions described above is due to the fact that they may not provide any additional protection compared with seat belts, so their activation would be inappropriate. In these cases, non-deployment does not indicate a system malfunction.

The driver's and passenger's front airbags have been designed and calibrated to protect front seat occupants wearing seat belts.

At their maximum inflation, their volume fills most of the space between the steering wheel and the driver and between the dashboard and the passenger.

The airbags are not deployed in the event of minor frontal impacts (for which the restraining action of the seat

belts is sufficient). Seat belts must always be worn. In the event of a frontal collision, they ensure that the occupant is in the correct position.

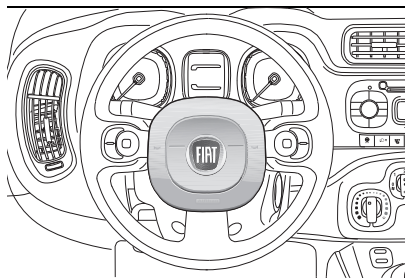
Driver's side front airbag



This consists of an instantly inflating bag contained in a special recess in the centre of the steering wheel fig. 79.

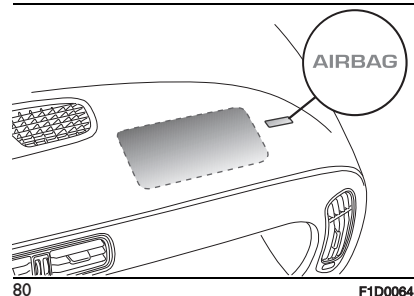
Passenger front airbag

This consists of an instantly inflating bag contained in a special compartment in the dashboard fig. 80: this bag has a larger volume than the driver's.



79

F1D0063



80

F1D0064

Passenger's front airbag and child restraint systems



Rearward facing child restraint systems must **NEVER** be fitted on the front seat with an active passenger airbag since in the event of an impact the airbag activation may cause fatal injuries to the transported child. **ALWAYS** comply with the instructions on the label stuck on the passenger side sun visor fig. 81.



81

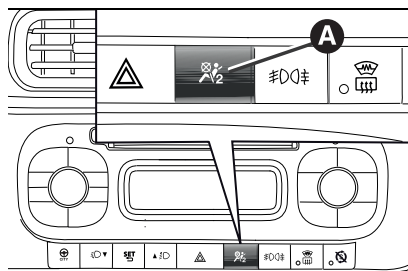
F1D0126



Deactivating the passenger side airbags: front airbag and side bag

If a child must be carried on the front seat in a rearward facing child restraint system, deactivate the passenger front airbag and the side bags. With airbags deactivated, the warning light  ((A) - fig. 82) turns on in the dashboard, in central position. Use the display Setup Menu to deactivate.

 102)



82

F1D0153



WARNING

99) Do not apply stickers or other objects on the steering wheel, on the dashboard in the passenger side airbag area, on the side upholstery on the roof and on the seats. Never put objects (e.g. mobile phones) on the passenger's side dashboard since they could interfere with correct inflation of the airbag and also cause serious injury to the passengers.

100) 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.

101) 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.

102) To deactivate the airbags using the instrument panel menu, see the description in the "Knowing the instrument panel" section, "Setup Menu" chapter.

Passenger's front airbag and child restraint systems: IMPORTANT

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

83

F1D0127



SIDE BAGS (Side bag - Window bag)

To help increase occupants protection in the event of a side impact, the car is equipped with front side bags (for versions/markets, where provided) and window bag (for versions/markets, where provided).

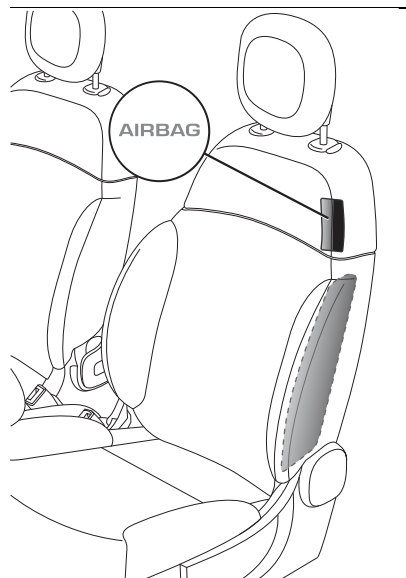
Side bags protect occupants from side-on crashes of medium/high severity by placing the bag between the occupant and the internal parts of the side structure of the car.

Non-activation of side bags in other types of collisions (front collisions, rear shunts, roll-overs, etc.) is not a system malfunction.

Side bag

(for versions/markets, where provided)

These comprise two types of bags located in the front seat backrests fig. 84 which protect the pelvis, chest and shoulder area of the occupants in the event of a side collision of medium-high severity.



84

F1D0066

Window bag

This consists of two "curtain" bags housed behind the roof side lining fig. 85 and covered with trims that protect the heads of front and rear occupants in the event of a side impact.

The deployment of side bags in the event of side impacts of low severity is not required.



85

F1D0067

In the event of a side impact, the system provides best protection if the passenger sits on the seat in a correct position, thus allowing correct window bag deployment.

The window bag is not available for the VAN version.

⚠ 103) 104) 105) 106) 107) 108) 109) 110) 111) 112) 113)

114)

Important notes

Do not wash the seats with water or pressurised steam (wash by hand or at automatic seat washing stations). The front airbags and/or side bags may be deployed in the event of sharp impacts to the underbody of the car (e.g. impact with steps, pavements, potholes or road bumps etc.).

When the airbag deploys it emits a small amount of dust: the dust is harmless and does not indicate the beginning of a fire. The dust may irritate the skin and eyes however: in

this case, wash with neutral soap and water.

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

If the car is scrapped, have the airbag system deactivated at a Fiat Dealership. Pretensioners and airbags are deployed in different ways on the basis of the type of collision. Failure to activate one or more of the devices does not indicate a system malfunction.

AUXILIARY BATTERY DISCONNECTION

(for 1.0 FireFly versions)

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

In this case, the airbag warning light  will turn on together with the engine failure warning light  on the instrument panel.

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



WARNING

103) Do not affix rigid objects to the garment hooks or support handles.

104) Do not rest your head, arms or elbows on the door, windows or the area in which the window bag is located to avoid possible injury during airbag inflation.

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

106) If the "red"  warning light does not switch on for a few seconds when the key is turned to MAR, there may be a fault in the retaining systems or the warning light may be faulty. In the latter case, the  warning light will start flashing after a few seconds. If the warning light  does not turn on or stays on whilst driving, a fault may have occurred in the restraint systems. This means that the airbags or pretensioners may not be deployed in an impact or, in a lower number of cases, they may be deployed accidentally. In any case, contact a Fiat Dealership immediately to have the system checked before driving off.

107) In the event of "yellow"  warning light failure, the "red"  warning light switches on and, for versions/markets where provided, the explosive charges of the passenger airbag and the side bags are deactivated. When the "red" warning light is on, before proceeding contact a Fiat Dealership to have the system immediately checked (see previous warning).

108) On vehicles with side bags, do not cover the front seat backrests with extra covers.

109) Do not travel carrying objects in your lap, in front of your chest or between your lips (pipe, pencils, etc.): they could cause severe injury if the airbag is deployed.

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

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



112) The  airbag warning light indicates the passenger protection status. If the warning light is off, the passenger side protection is activated. It can be deactivated from the menu, in which case the warning light comes on. When the car is started (ignition key in MAR position), the warning light comes on for approx. 8 seconds, provided that at least 5 seconds have elapsed from the previous switching off. If this does not happen please contact a Fiat Dealership. If the vehicle is switched off/on again in less than 5 seconds the warning light may remain off. In this case, to check correct warning light operation, switch the vehicle off, wait at least 5 seconds and switch on again. During the first 8 seconds, the activation of the warning light does not actually show the passenger protection status, but only checks its correct operation. 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. (The warning light is tested also for markets where the passenger protection deactivation function is not provided, and the warning light switches on for less than one second when the key is turned to MAR, then switches off again.)

113) The airbag deployment threshold is higher than that of the pretensioners. For collisions in the range between the two thresholds, it is normal for only the pretensioners to be activated.

114) The airbag does not replace seat belts but increases their efficiency. Because front airbags are not deployed for low-speed crashes, side collisions, rear-end shunts or rollovers, occupants

are protected, in addition to any side bags, only by their seat belts, which must therefore always be fastened.

STARTING AND DRIVING

*We have now reached the "heart" of the vehicle: let's see how to use the vehicle to its full potential.
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



115) 116)

35) 36) 37)

Before starting the engine, adjust the seat, the interior rear view mirrors, the door mirrors and fasten the seat belt correctly.

Never press the accelerator pedal for starting the engine.

PETROL VERSIONS

Proceed as follows:

☐ engage the handbrake and put the gear lever in neutral. **For 0.9 TwinAir and 0.9 TwinAir Turbo versions** engage the handbrake and place the gear lever in neutral or fully press the clutch pedal if a gear other than neutral is engaged;

☐ **for all versions (except 0.9 TwinAir and 0.9 TwinAir Turbo)** fully depress the clutch pedal without touching the accelerator;

☐ turn the ignition key to A/V and release it as soon as the engine starts.

WARNING If the engine does not start at the first attempt, return the ignition key to STOP before repeating the procedure. If the instrument panel warning lights  and  stay on with

the ignition key at MAR, turn the key to STOP and then back to MAR. If the warning light  remains on, try with the other keys provided with the car. Contact a Fiat Dealership if you still cannot start the engine.

LPG AND NATURAL POWER VERSIONS

The engine always starts up on petrol independently of the previously selected mode.



SWITCHING OFF THE ENGINE



Turn the ignition key to STOP while the engine is idling.

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



WARNING

115) 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.

116) Remember that the power brake and electrical power steering are not operational until the engine is started, therefore a greater effort will be required to press the brake pedal or turn the steering wheel.



IMPORTANT

35) It is advisable not to demand maximum performance from your car (e.g. excessive acceleration, long distances at maximum rpm, excessively intense braking, etc.) when it is first used.

36) When the engine is switched off never leave the ignition key turned to MAR-ON to prevent useless current absorption from draining the conventional battery.

37) Never, under any circumstances, jump start the engine by pushing, towing or coasting downhill. This could cause fuel to flow into the catalytic converter and damage it beyond repair.

38) There must therefore always be some petrol in the tank to protect the petrol pump and to guarantee temporary switching from LPG or Methane to petrol operation, if high performance is required.

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

WHEN PARKED

When parking and leaving the car, proceed as follows:

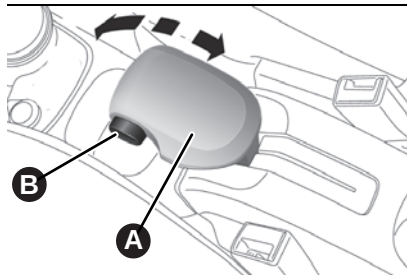
- engage a gear (1st gear if facing uphill or reverse if facing downhill) and leave the wheels turned;
- stop the engine and engage the handbrake;
- always remove the ignition key. Block the wheels with a wedge or a stone if the car is parked on a steep slope.

WARNING NEVER leave the vehicle with the gearbox in neutral.

Handbrake

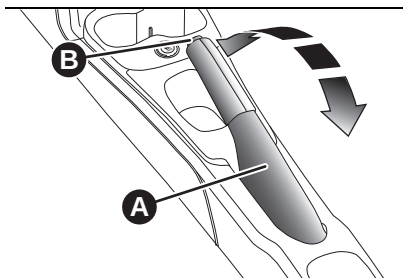
⚠ 117 118 119

The handbrake lever is located between the front seats.



86

F1D0146



87

F1D1026

Handbrake engagement: pull lever (A) fig. 86 or fig. 87 upwards until the vehicle is braked.

To release the handbrake: slightly raise the lever, hold the button (A) pressed and check that the (B) warning light switches off (⚠) on the instrument panel.



WARNING

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

118 The car should be braked after a few clicks of the lever, if it is not, contact a Fiat Dealership to have it adjusted.

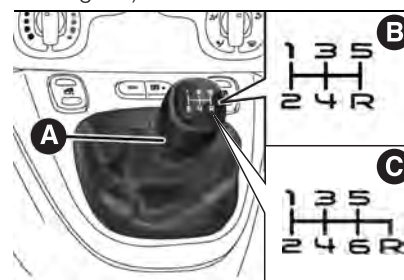
119 In the case of parking manoeuvres on roads on a gradient, the front wheels must be steered towards the pavement (when parking downhill), or in the opposite direction if the vehicle is parked uphill.

Block the wheels with a wedge or a stone if the car is parked on a steep slope.

MANUAL TRANSMISSION

⚠ 120 ⚠ 40

To engage the gears, press the clutch pedal fully and put the gear lever into the required position (the diagram for gear engagement is shown on the knob fig. 88).



88

F1D0824

For 0.9 TwinAir, 0.9 TwinAir Turbo and 1.2 8v 69 HP versions: to engage reverse gear R from neutral, raise ring (A) fig. 88 underneath the knob and, at the same time, shift the gear lever to the right and then backwards (diagram (B)).

For the 1.0 FireFly version: to engage reverse gear R move the gear



lever to the right after the 6th gear and then back (diagram (C)).

WARNING Reverse can only be engaged when the car is completely stationary. 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 clutch pedal, however lightly. For versions/markets where provided, the electronic clutch control could cut in, interpreting the incorrect driving style as a fault.

For the 1.0 FireFly version:

WARNING While driving in 6th gear, if you decelerate enough to require shifting down to 5th gear, we recommend doing so to facilitate accelerating later.

NOTE 6th gear is for cruising. Use 5th gear to reach the top speed.



WARNING

120) Press the clutch pedal fully to change 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.



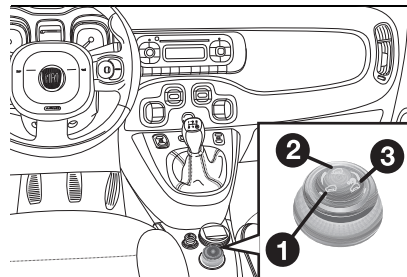
IMPORTANT

40) Do not drive with your hand resting on the gear lever as the force exerted, even if slight, could lead over time to premature wear of the gearbox internal components.

MODE SELECTOR

(Panda Cross 4x4 versions)

This device allows, using the ring nut of the knob fig. 89 (on the central tunnel), three vehicle response modes to be selected according to driving style and road conditions:



89

F1D0116

- (1) = AUTO mode;
- (2) = OFF ROAD mode;
- (3) = Gravity Control function.

The ring nut is monostable type. In other words, it always remains in a central position.

The selected driving mode is indicated by the corresponding LED switching on the knob and by an indication on the display.

The system automatically turns on "AUTO" mode each time the engine is started.

"AUTO" MODE

It is a driving mode aimed at comfort and safety in normal grip and driving conditions.

"OFF ROAD" MODE

It is a driving mode aimed at setting off in poor grip conditions on low-grip road surfaces (e.g. snow, ice, mid, etc.).

Activation

Rotate the ring fig. 89 to the right and hold in this position for half a second, until the corresponding LED lights up and "Off Road" mode activation indicator appears on the display with a dedicated message.

Once released, the ring returns to the central position.

When the "Off Road" mode is activated, the presetting for ELD

system intervention activates automatically.

WARNING When the "Off Road" mode is activated, the Start&Stop system is temporarily disabled. Temporary deactivation of the system switches on the corresponding LED on the trim (located on the central dashboard). To activate the Start&Stop function, with "Off Road" mode on, press the  button on the dashboard trim. However, when the "Off Road" mode is deactivated, the Start&Stop system is enabled again.

WARNING When the "Off Road" mode is activated, the City Brake Control system is temporarily deactivated. Temporary deactivation of the system results in the switching on of the  warning light on the instrument panel. When the "Off Road" mode is deactivated, the City Brake Control system is enabled again.

Deactivation

To deactivate the "Off Road" mode and return to the "Auto" mode, rotate the ring nut to the left and hold in this position for half a second. In this case, the LED corresponding to "Auto" mode will light up and the "Off Road" mode

deactivation indication will appear on the display.

"GRAVITY CONTROL" FUNCTION

This driving function permits a constant vehicle speed to be maintained downhill.

On/Off

For engaging/disengaging the Gravity Control function refer to the "Active safety systems" chapter the "Safety" section.

FAILURE OF THE MODE SELECTOR SYSTEM

WARNING In the event of system failure or a fault with knob, no driving modes can be selected. The display will show a dedicated message.

WARNING In this case it is not advisable trying to drive down roads with a steep gradient, the system cannot help the driver in any way.

DUALDRIVE ELECTRIC POWER STEERING

 121) 122)

This only operates with the key turned to MAR and the engine started. The steering allows the force required at the steering wheel to be adjusted to suit driving conditions.

WARNING When turning the ignition key quickly, full power steering functionality can be achieved after a few seconds.

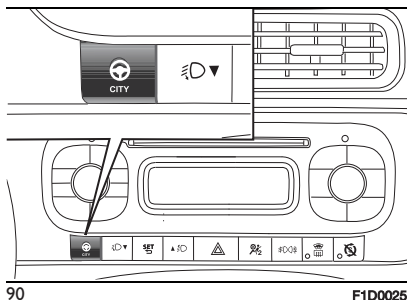
CITY FUNCTION ACTIVATION / DEACTIVATION

Press the CITY fig. 90 button to activate/deactivate the function.

The activation of the function is signalled by the word CITY on the display (in some versions it is signalled by the word CITY appearing on the instrument panel).

When the CITY function is on, the steering wheel effort is lighter, making parking easier: therefore, this function is particularly useful for driving in city centres.





90

F1D0025

WARNING During parking manoeuvres requiring a lot of steering, the steering may become harder; this is normal and is due to the intervention of the system to protect the electric steering motor from overheating so no intervention is required. When the car is used again later on, the power steering will work normally.



WARNING

121) It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g.: installation of anti-theft device) that could badly affect performance and safety, invalidate warranty and also result in non-compliance of the car with type approval requirements.

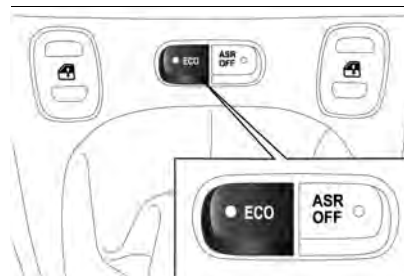
122) Before starting any servicing operation, stop the engine and remove the key from the ignition switch to operate

the steering lock, particularly when the wheels do not touch the ground. If this is not possible (for example if the key needs to be turned to MAR or the engine must be running), remove the main fuse that protects the electric power steering.

ECO FUNCTION

(for versions/markets, where provided)

To activate the function press the ECO button fig. 91.



91

F1D0140

When the ECO function is active, the vehicle is set for a driving style characterised by reduced fuel consumption. When the function is active, the corresponding LED on the button switches on.

The function is automatically reactivated at every start. Press the ECO button again to deactivate the function and restore the normal driving setting.

HYBRID SYSTEM



Your car is provided with a hybrid system, which uses an electric motor that is mechanically coupled to the thermal engine (via a dedicated belt) and powered by an auxiliary lithium battery (12 V). The electric motor contributes to driving the car forward together with the heat engine when there is a certain acceleration request, and charges the lithium battery when the car decelerates.

The hybrid system uses a BSG (Belt Starter Generator) electric motor working both as a generator (alternator) and as a starter motor.

NOTE The system does not operate continuously, but is activated according to the car status, driving conditions (acceleration, braking, deceleration and starting) and road conditions (e.g. gradient).

ENERGY RECOVERY DURING DECELERATION ("e-COASTING"/"e-BRAKING" functions)

During deceleration with a gear engaged, the BSG (Belt Starter Generator) recharges the lithium

auxiliary battery and the traditional lead battery. When the accelerator pedal is released with the gear is engaged, the BSG acts as an engine brake (e-COASTING function). This contribution is increased by pressing the brake pedal at the same time (e-BRAKING function). The recovered energy is made available later, helping to save fuel.

NOTE If the conventional battery is flat, there is no energy recovery to the auxiliary battery, and so the Trip Computer "Energy Flows" screen on the instrument panel (for versions with colour display only) does not display the relative recharging flows.

ACCELERATION ASSIST FUNCTION ("e-ASSIST" function)

In general, during pickup from low engine speeds, the hybrid system shares the torque between the electric motor and thermal engine when necessary, thereby reducing the output power of the thermal engine in order to optimise consumption.

HEAT ENGINE RESTART BY START&STOP ("EXTENDED S&S" FUNCTION)

The new system automatically switches the thermal engine on and off using

the Start&Stop ("EXTENDED S&S") function. In this way, the efficiency of the car is increased, by reducing consumption, harmful gas emissions and noise pollution. Furthermore, the Start&Stop system restarts the thermal engine using the electric motor (BSG), resulting in a quieter restart than that achieved by starting the thermal engine using the starter motor.

START&STOP SYSTEM



 123) 124)  41)

The Start&Stop system automatically turns off the engine whenever:

☐ the car is decelerating before coming to a halt (only for the 1.0 FireFly version),
or

☐ the car is stationary.

The system restarts the engine then the driver intends to continue driving. In this way, the vehicle efficiency is increased, by reducing consumption, dangerous gas emissions and sound pollution.

OPERATING MODE

Engine stopping mode: with the vehicle stopped, the engine stops with gearbox in neutral and clutch pedal released.

A dedicated message will appear on the display when the Start&Stop system is activated/deactivated.
NOTE The engine can only be stopped automatically after exceeding about 10 km/h, to prevent the engine from being repeatedly stopped when driving at walking pace.

Restarting the engine: press the clutch pedal to restart the engine.

For 1.0 FireFly (EXTENDED S&S) versions only

When the speed drops below 30 km/h and the conditions permit, the GSI (Gear Shift Indicator) may advise shifting to neutral (N) by displaying the letter "N" on the instrument panel display. If the conditions permit, the heat engine turns off after shifting to neutral in order to reduce consumption. In the above condition with the engine off, the GSI system advises the best gear to engage if you operate the clutch to restart the engine. For further information about the GSI display, see the "Display" chapter in the "Knowing the instrument panel" section.

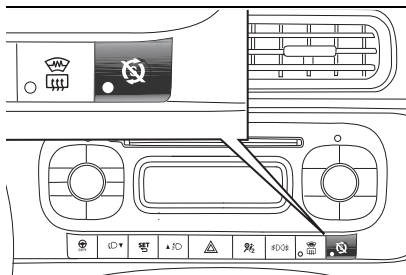
MANUAL SYSTEM ACTIVATION/DEACTIVATION

To activate/deactivate the system manually, press the  fig. 92 button on the dashboard control trim.



LED off: system deactivated.

LED on: system deactivated.



92

F1D0040



WARNING

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

124) Before opening the bonnet, make sure the engine is off and the ignition key is in the STOP position. Please follow the instructions on the decal near the front crossmember. We recommend that you remove the key from the ignition if other people remain in the vehicle. Exit from the vehicle only after having removed the ignition key or having rotated it to the STOP position. During refuelling, make sure that the engine is off and that the ignition key is in the STOP position.



IMPORTANT

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

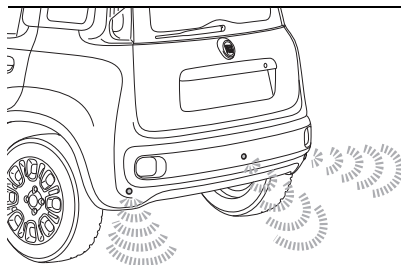
PARKING SENSORS



125) 42)

SENSORS

The sensors are located in the rear bumper fig. 93 and their function is to detect the presence of any obstacles near the rear part of the car and inform the driver, through an intermittent acoustic warning.



93

F1D0045

ACTIVATION/ DEACTIVATION

the sensors are automatically activated when reverse gear is engaged. The

acoustic warning becomes more frequent as the obstacle behind the car gets closer.

OPERATION WITH A TRAILER

The operation of the sensors is automatically deactivated when the trailer electric cable plug is inserted in the tow hook socket of the car. The sensors are automatically reactivated when the trailer's cable plug is removed.

IMPORTANT NOTES

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

Objects close to the car are not detected under certain circumstances and could therefore cause damage to the car or be damaged.

The following conditions may influence the performance of the parking assistance system:

- the presence of ice, snow, mud or multiple layers of paint on the surface of the sensor may reduce its sensitivity and the system performance;
- mechanical interference (e.g. washing the car, rain, strong wind, hail) may cause the sensor to detect a non-existent obstacle ("echo interference");

- ❑ the presence of ultrasonic systems (e.g. pneumatic brake systems of trucks or pneumatic drills) near the vehicle could alter the signals sent to the sensor;
- ❑ the variation in sensor position, caused by variation in ride (due to suspension or shock absorber wear), changing tyres, overloaded vehicle, or tuning that lowers the vehicle, for example, may affect parking sensor system performance;
- ❑ the presence of a tow hook without trailer interferes with the correct operation of the parking sensors. If a fixed tow hook is installed, the sensors cannot be used. If the customer installs a removable tow hook, it should be disconnected from the crossmember whenever the trailer is not attached to prevent the activation of the sensors.



WARNING

125) *Parking manoeuvres, however, are 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 used to assist the driver, who must never allow his attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds.*



IMPORTANT

42) *For correct operation of the system, sensors must always be clean from mud, dirt, snow or ice. Be careful not to scratch or damage the sensors while cleaning them. Avoid using dry, rough or hard cloths. The sensors must be washed using clean water, with the addition of vehicle shampoo if necessary. When using special washing equipment such as high pressure jets or steam cleaning, clean the sensors very quickly keeping the jet more than 10 cm away.*

REFUELLING THE CAR



126) 127) 128)

Always stop the engine before refuelling.

PETROL ENGINES

Only use unleaded petrol, with an octane number (R.O.N.) not lower than 95. In order to prevent damage to the catalytic converter never introduce even the smallest amount of leaded petrol, even in the event of an emergency.

WARNING An inefficient catalytic converter leads to harmful exhaust

emissions, thus contributing to air pollution.

WARNING Never introduce leaded petrol to the tank, even in small amounts in an emergency, as this would damage the catalytic converter beyond repair.

REFUELLING PROCEDURE

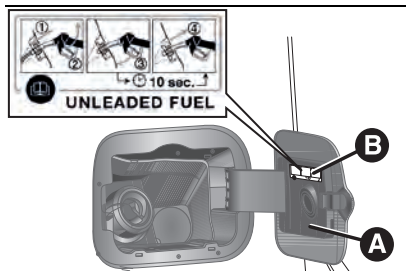
WARNING If the filler compartment is washed with a high-pressure jet, keep it at a distance of at least 20 cm.

The refuelling procedure described below is illustrated on the label (B) fig. 94 located inside the fuel flap. The label also indicates the fuel type (UNLEADED FUEL=petrol).

To refuel proceed as follows:

- ❑ open the flap (A) fig. 94 pulling it outwards;
- ❑ introduce the dispenser in the filler and refuel;
- ❑ after refuelling, before removing the dispenser, wait for at least 10 seconds in order for the fuel to flow inside the tank;
- ❑ then remove the nozzle from the filler and close flap (A).





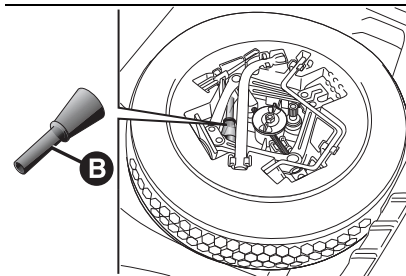
94

F1D1018

Emergency refuelling

Proceed as follows:

❑ open the boot and take the adapter (B) fig. 95 located in the tool box (versions equipped with space-saver wheel - for versions/markets, where provided) or in the Fix&Go container (versions equipped with Fix&Go);



95

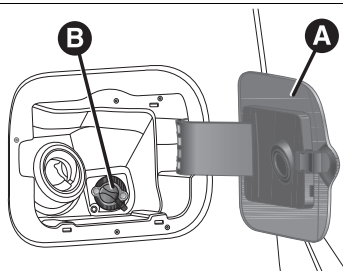
F1D0048

❑ open flap A, pulling it outwards;

❑ introduce the adapter B in the filler and refuel;
❑ after refuelling, remove the adapter and close the flap, then reintroduce the adapter in its casing and put it back in the boot.

LPG versions

To access the LPG filler, open the access flap (A) fig. 96 and undo the cap (B).

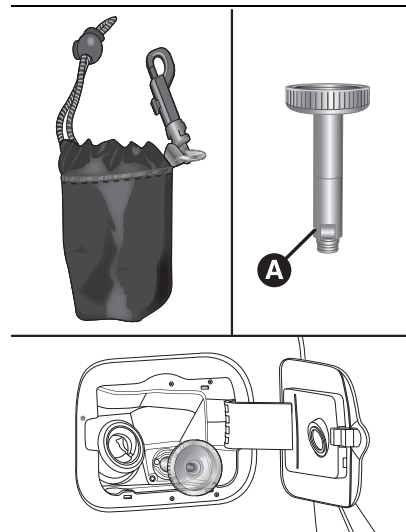


96

F1D1009

Observe the following precautions during the refuelling operation:

❑ switch off the engine;
❑ apply the handbrake;
❑ turn the ignition key to STOP;
❑ do not smoke;
❑ hand the special adapter (A) fig. 97 over to the qualified LPG refuelling personnel.



97

F1D1010

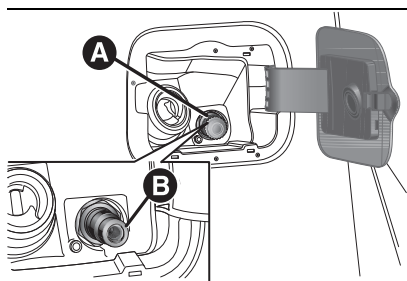
WARNING Depending on the country, there are various types of adapters for LPG refuelling pumps. Filler adapter, supplied with the vehicle and located in a special case, is specifically designed for the country in which the vehicle is sold. If you are in a different country, find out what type of adapter is used there.

Natural Power versions



To access filler (B) fig. 98, open the flap and undo cap (A) turning it counterclockwise.

The profile of filler (B) for refilling is the universal type, compatible with Italian and NGV1 standards. In some European countries adapters are considered **ILLEGAL** (e.g. in Germany).



98

F1D1011

Fuels - identification of vehicle compatibility. Graphic symbol for consumer information in accordance with EN16942

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

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

Symbols for petrol powered cars



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

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

Symbols for petrol/LPG bi-fuel cars



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

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

LPG: Automotive LPG compliant with **EN589**.

Symbols for petrol/methane bi-fuel cars



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

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

CNG: Automotive compressed methane compliant with **EN16723**.



WARNING

126) Do not apply any object/cap to the end of the filler which is not provided for the car. The use of non-compliant objects/caps could cause a pressure increase inside the tank, resulting in dangerous situations.

127) Do not bring naked flames or lit cigarettes near to the fuel filler: fire risk. Keep your face away from the fuel filler to prevent breathing in harmful vapours.

128) Do not use a mobile phone near the refuelling pump: risk of fire.





IMPORTANT

43) *The other plates (provided with the vehicle documents) show the date when the first cylinder inspection/test is due. Methane refuelling stations are not authorised to refill the cylinders when the inspection date has expired*

TOWING TRAILERS



129) 130)

IMPORTANT NOTES

For towing caravans or trailers the car must be fitted with an approved tow hook and an adequate electrical system. Installation must be carried out by a specialist.

Install any specific and/or additional door mirrors as specified by the Highway Code.

Remember that, when towing a trailer, steep hills are harder to climb, braking distances increase and overtaking takes longer depending on the overall weight of the trailer.

Engage a low gear when driving downhill, rather than constantly using the brake.

The weight the trailer exerts on the car tow hook reduces the car's loading capacity by the same amount. To make sure that the maximum towable weight is not exceeded (given in the

vehicle registration document) account should be taken of the fully laden trailer, including accessories and luggage. Respect the speed limits specific to each country for cars towing trailers. In any case, the top speed must not exceed 100 km/h.

An electric brake (or electric winch) should be supplied directly by the conventional battery through a cable with a cross section of no less than 2.5 mm².

In addition to the electrical branches, the car electrical system can only be connected to the supply cable for an electric brake and to the cable for an internal light for the trailer, not exceeding 15 W. For connections, use the preset control unit with a conventional battery cable with section not less than 2.5 mm².

On Panda Cross and Panda 4x4 versions, in the event of prolonged vehicle use at maximum tow capacity on slopes, replacing engine oil more frequently (every 10,000 km) is advisable.

WARNING The use of auxiliary loads other than external lights (electric brake, winch, etc.) must take place with engine running.

WARNING To install a tow hook contact a Fiat Dealership.



WARNING

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

130) *Never modify the braking system of the vehicle to control the trailer brake. The trailer braking system must be fully independent of the vehicle's hydraulic system.*

SAVING FUEL

Here are some suggestions which may help you save fuel and lower the amount of harmful emissions released into the atmosphere.

GENERAL INFORMATION

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 and its arrangement 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 lower aerodynamic penetration and adversely affect consumption levels. When transporting particularly large objects, use a trailer if possible.

Electric devices

Use electrical devices only for the amount of time needed. The heated rear window, 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

The use of the climate control system leads to higher fuel consumption. If the temperature outside permits, try to use ventilation only.

Devices for aerodynamic control

The use of non-certified spoilers may adversely affect air drag and fuel consumption.

DRIVING STYLE

Start

Do not warm the engine with the car at a standstill or at idle or high speed: under these conditions the engine warms up much more slowly, increasing 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.

CONDITIONS OF USE

Cold starting

Short journeys and frequent cold starts do not allow the engine to reach optimum operating temperature. Consequently, both consumption (from +15 to +30% on the urban cycle) and emissions will increase.

Traffic and road conditions

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.



IN AN EMERGENCY

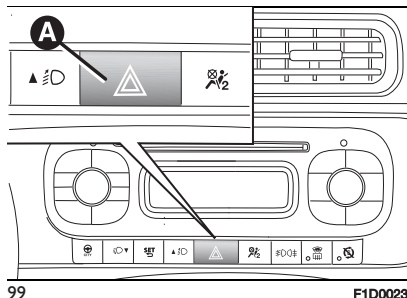
*Have a flat tyre or a burnt-out bulb?
At times, a problem such as these may
interfere with your driving experience.
The pages on emergencies can help
you to deal with critical situations
independently and calmly.
In an emergency, we recommend that
you call the phone number found in the
Warranty Booklet.
It is also possible to call the national
or international universal freephone
number to search for the nearest
Dealership.*

HAZARD WARNING LIGHTS	103
REPLACING A BULB	103
REPLACING FUSES	108
CHANGING A WHEEL	112
Fix&Go KIT	115
JUMP STARTING	117
FUEL CUT-OFF SYSTEM	119
TOWING THE CAR.....	119

HAZARD WARNING LIGHTS

Press button (A) fig. 99 to switch the lights on/off. Warning lights  and  in the instrument panel are lit up when the lights are ON.

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



Emergency braking

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

REPLACING A BULB



 131)  132)  133)  44) 45)

GENERAL INSTRUCTIONS

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

NOTE the weather is cold or damp or after heavy rain or after washing, the surface of headlights or rear lights may steam up and/or form drops of condensation on the inside. This is a natural phenomenon due to the difference in temperature and humidity between the inside and the outside of the glass which does not indicate a fault and does not compromise the normal operation of lighting devices. The mist disappears quickly when the lights are turned on, starting from the centre of the vent, extending progressively towards the edges.



WARNING

131) 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.

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

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



IMPORTANT

44) 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.

45) Where possible, it is advisable to have bulbs changed at a Fiat Dealership. The correct operation and direction of the external lights are absolutely essential for the safety of the car and of compliance with the law.



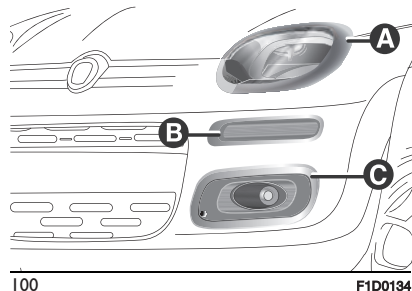
Light bulbs	Type	Power
Dipped/main beam headlights	H4	55W
Front side lights/Day lights (DRL)	P21/5W	21W
Rear side lights	P21/5W	5W
Front direction indicators	PY21W	21W
Side turn light	W5W	5W
Rear direction indicators	PY21W	21W
Stop	P21/5W	21W
Third brake light	LED	–
Fog lights	H11	55W
Reverse gear	W16W	16W
Rear fog light	W16W	16W
Number plate	C5W	5W

FRONT LIGHT CLUSTERS

(except Panda Cross versions)

The bulbs are arranged inside the front light cluster fig. 100 as follows:

- (A) - Dipped beam/main beam headlights/ direction indicators;
- (B) - Daytime running lights (DRL);
- (C) - Fog lights.

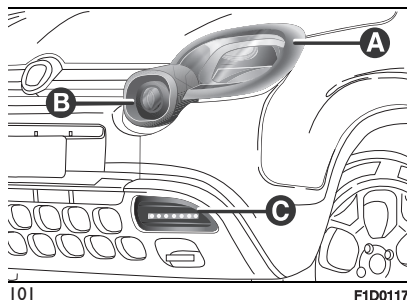


FRONT LIGHT CLUSTERS

(Panda Cross versions)

On the Panda Cross versions, the bulbs are arranged inside the front light cluster fig. 101 as follows:

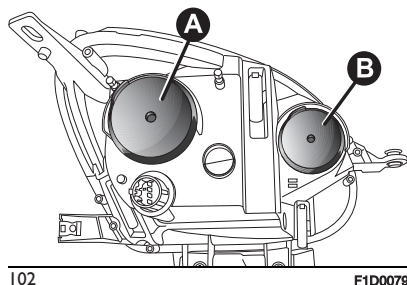
- (A) - Dipped beam/main beam headlights/ direction indicators;
- (B) - Fog lights;
- (C) - Daytime running lights (DRL).



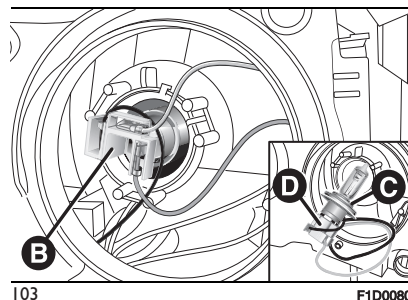
DIPPED/MAIN BEAMS

To replace the bulb, proceed as follows:

- ❑ remove cover (A) fig. 102;



- ❑ push the connector + bulb holder unit (B) fig. 103 downwards;
- ❑ extract the bulb (C) from the connector (D) and replace it;



- ❑ refit the new bulb on the connector making sure that it is locked correctly, then reinsert the connector unit and the bulb holder (B) in its housing;
- ❑ then refit the cover (A).

DIRECTION INDICATORS

Front

To replace the bulb, proceed as follows:

- ❑ remove cover (B) fig. 102;
- ❑ turn the bulb holder anticlockwise, extract the bulb and replace it;
- ❑ refit the new bulb on the connector making sure that it is locked correctly, then reinsert the connector in its housing rotating it clockwise;

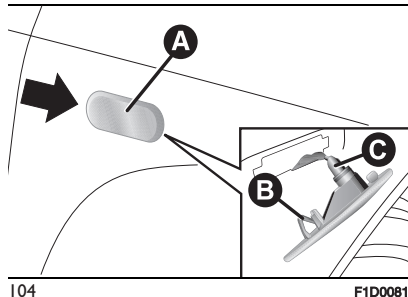
Side

To replace the bulb, proceed as follows:

- ❑ adjust the lens (A) fig. 104 to compress in the clip B, then pull the cluster outwards;



- ❑ turn the bulb holder (C) anticlockwise, extract the bulb and replace it;
- ❑ refit the bulb holder (C) in the lens and turn it clockwise;
- ❑ refit the cluster making sure that the internal clip (B) clicks into position.

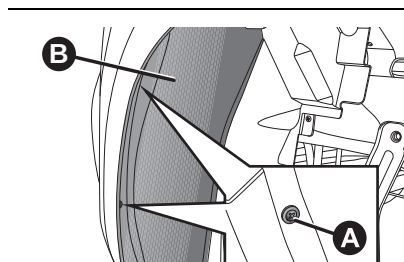


FOG LIGHTS

(for versions/markets, where provided - except Panda Cross versions)

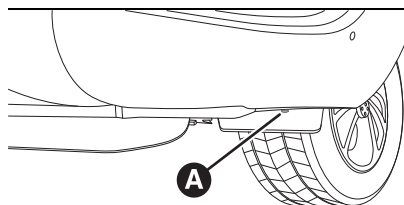
To replace the bulb, proceed as follows:

- ❑ steering the wheel fulling inwards, turn the screws (A) fig. 105 and fig. 106 and move the inner wheel arch plastic cover (B) aside to access the bulb.



105

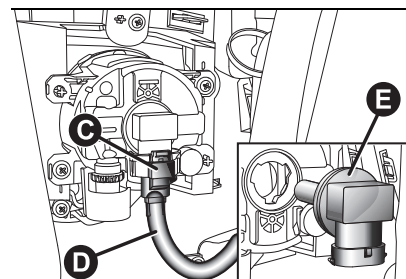
F1D0812



106

F1D0813

- ❑ adjust the clip (C) fig. 107 and disconnect the electrical connector (D);



107

F1D0083

- ❑ rotate and remove the bulb holder (E), release and replace the bulb;
- ❑ refit the new lamp and carry out the procedure described previously in reverse.

FOG LIGHTS

(Panda Cross versions)

To remove the fog light bulb, contact a Fiat Dealership.

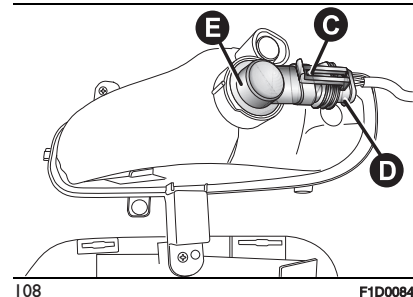
SIDE LIGHTS / DAYTIME RUNNING LIGHTS (DRL)

(for versions/markets, where provided - except Panda Cross versions)

To replace the bulb, proceed as follows:

- ❑ steering the wheel fulling inwards, turn the screws (A) fig. 105 and fig. 106 and move the inner wheel arch plastic cover (B) aside to access the bulb;
- ❑ adjust the clip (C) fig. 108 and disconnect the electrical connector (D);

- rotate and remove the bulb holder (E), release and replace the bulb;



- refit the new lamp and carry out the procedure described previously in reverse.

DAYTIME RUNNING LIGHTS (DRL)

(Panda Cross versions)

WARNING To change LED DRLs contact a Fiat Dealership.

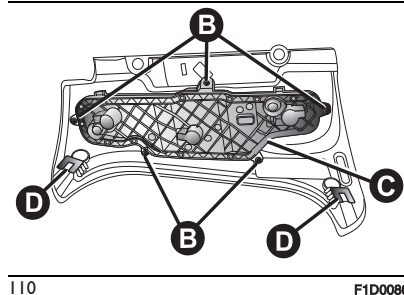
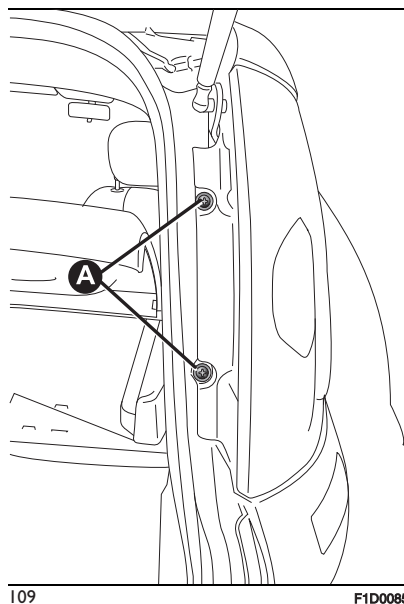
REAR LIGHT CLUSTERS

These contain the bulbs for the side lights, brake lights and direction indicators.

To replace the bulb proceed as follows:

- undo the two screws (A) fig. 109 from their seats, pull gently outwards until releasing the whole headlight from

the two clips (press-fitted (D) fig. 110) and release the connector;



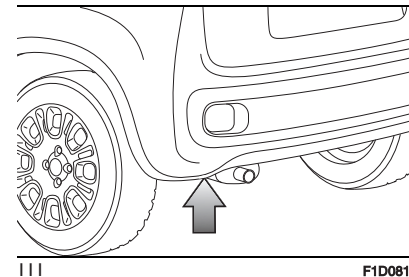
- undo the five screws (B) from their seats and remove the bulb holder (C);
- remove the bulbs, pushing them slightly and turning them anti-clockwise;
- refit the new lamp and carry out the procedure described previously in reverse.

REVERSING LIGHT/REAR FOG LIGHT

 134)

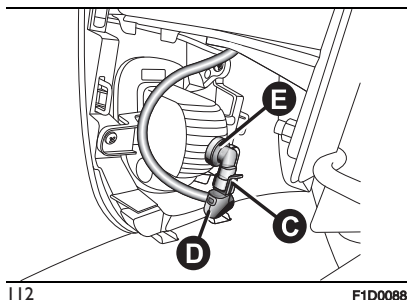
The reversing lights and rear fog lights are located in the rear bumper. To replace the bulb, proceed as follows:

- access the bulb holder through the underside of the rear bumper fig. 111;



- adjust the clip (C) fig. 112 and disconnect the electrical connector (D);
- turn the bulb holder (E) and remove it, extract the bulb and replace it;





112

F1D0088

❑ refit the new lamp and carry out the procedure described previously in reverse.

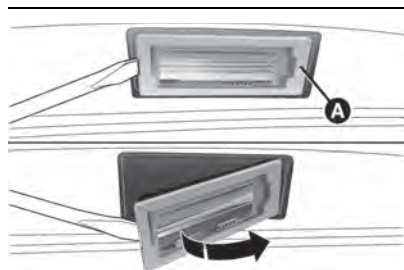
THIRD BRAKE LIGHTS

These are located in the tailgate and are LED lights. For replacement, contact a Fiat Dealership.

NUMBER PLATE LIGHTS

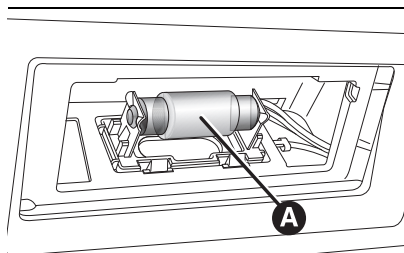
To replace the bulbs, proceed as follows:

- ❑ remove lens (A) fig. 113;
- ❑ change the bulb (A) fig. 114, releasing it from the side contacts;
- ❑ Insert the new bulb and make sure that it is correctly clamped between the contacts, then refit the lens (A) fig. 114.



113

F1D0089



114

F1D0090



WARNING

134) Before replacing the bulb, wait for the catalytic converter to cool down: **RISK OF BURNS.**

REPLACING FUSES



⚠ 135) 136) 137) 138) 139) 140)

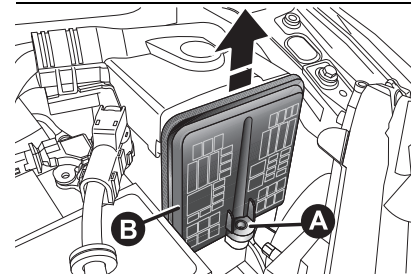
⚠ 46)

GENERAL INFORMATION

To facilitate fuse replacement, use the pliers hooked inside the fuse box lid on the dashboard left-hand side.

ENGINE COMPARTMENT FUSEBOX

The fusebox is located next to the conventional battery: to access the fuses, undo screw (A) fig. 115 and lift cover (B) upwards.



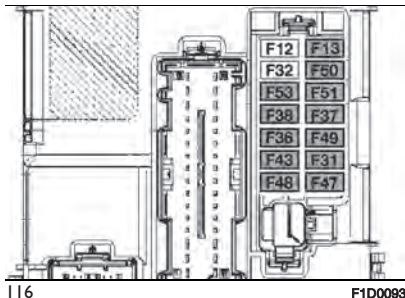
115

F1D0091

The number identifying the electrical component corresponding to each fuse is shown on the cover. After replacing the fuse, make sure you close cover (B) on the junction unit.

DASHBOARD FUSEBOX

The fuse box fig. 116 is located near the left side of the steering column and the fuses can be accessed easily from the lower part of the dashboard.



116

F1D0093

WARNING

135) If the replaced fuse blows again, contact a Fiat Dealership.

136) Never replace a faulty fuse with metal wires or anything else.

137) Never replace a fuse with another with a higher amp rating; RISK OF FIRE.

138) If a general fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) blows contact a Fiat Dealership.

139) 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.

140) Contact Fiat Dealership if a safety system (airbags, brakes), engine system (engine, gearbox) or steering system general protection fuse blows.



IMPORTANT

46) If you need to wash the engine compartment, take care not to directly hit the fuse box and the window wiper motors with the water jet.



ENGINE COMPARTMENT JUNCTION BOX

fig. 115

USERS	FUSE	AMPERE
Passenger compartment fan	F08	40
Fog lights	F09	15
Horns	F10	15
Main beam headlights	F14	15
Heated windscreen	F15	70
Front power socket (with or without cigar lighter)	F20	15
Heated rear window	F89	30

DASHBOARD FUSEBOX

fig. 116

USERS	FUSE	AMPERE
+15 (*) headlight alignment corrector	F13	5
+15 (*) Ignition-operated control with inhibition during engine starting	F31	5
+30 (**)	F36	10
+15 (*) switch on brake pedal (NO)	F37	7.5
Central door locking	F38	20
Two-way windscreen washer pump	F43	20
Front electric window (driver side)	F47	20
Front electric window (passenger side)	F48	20
+15 (*)	F49	7.5
+15 (*)	F50	7.5
+15 (*)	F51	5
+30 (**)	F53	7.5

(*)+15 = ignition-operated positive pole

(**)+30 = conventional battery direct positive pole (not ignition-operated)



CHANGING A WHEEL



141) 142) 143) 144) 145) 146)

JACK

Please note that:

- ❑ the jack weight is 1.76 kg;
- ❑ the jack requires no adjustment;
- ❑ the jack cannot be repaired and in the event of a fault it must be replaced by another genuine one;
- ❑ no tool other than its cranking device may be fitted on the jack.

Jack maintenance

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

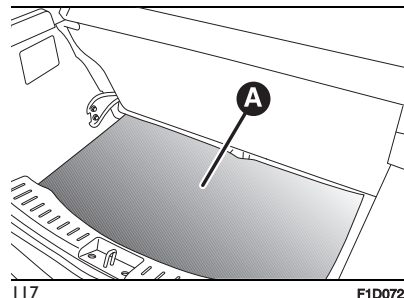
Conditions in which not to use the jack

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

CHANGING PROCEDURE

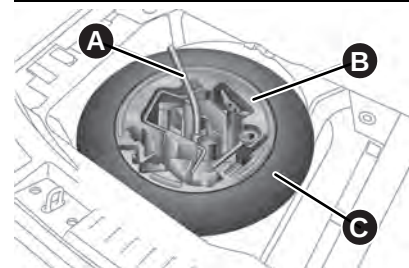
Proceed as follows:

- ❑ stop the car in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground must be flat and sufficiently compact;
- ❑ switch off the engine, pull up the handbrake and engage 1st gear or reverse;
- ❑ put on the reflective safety jacket before getting out of the car (if required by the regulations in force). In any case, follow the road safety laws in force in the country where you are driving;
- ❑ open the boot and lift up the mat (A) fig. 117;

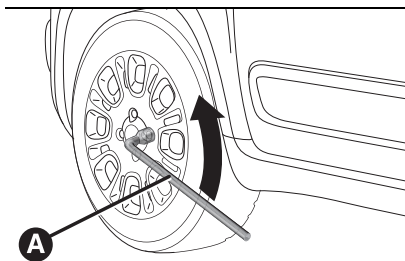


- ❑ using the wrench (A) fig. 118 located in the tool box, loosen the locking device, take the tool box (B) and place it close to the wheel to be replaced. Then take the space-saver wheel (C). For the Panda VAN and Panda 4x4

versions, the jack and the tools can be located under the passenger side front seat;

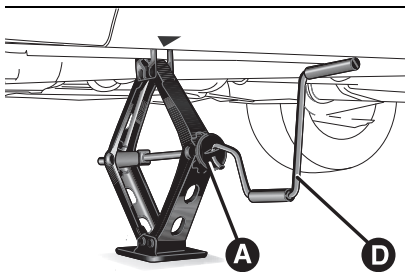


- ❑ **for versions with hub caps without holes for wheel fastening studs only:** remove the press-fit hub cap by pulling it towards you;
- ❑ take the wrench (A) fig. 119 and loosen the fixing bolts by about one turn;
- ❑ position the jack under the vehicle, near the wheel to be changed;
- ❑ operate the device (A) fig. 120 in order to extend the jack, until the upper part (B) fig. 121 fits correctly on the side member (C) (near the sign  indicated on the side member);



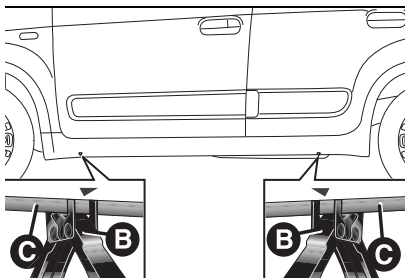
119

F1D0074



120

F1D0075



121

F1D0076

❑ alert any bystander that the car is about to be raised; all persons should be kept away from the car and nobody must touch it until it has been lowered;

❑ fit handle (D) fig. 120 into the housing in device (A), operate the jack and raise the car until the wheel is a few centimetres from the ground;

❑ undo the fastening bolts and remove the wheel;

❑ **for versions with hub caps**

fastened with bolts only: undo the three fastening bolts, then undo the fourth bolt near the inflation valve and remove the wheel;

❑ make sure the contact surfaces between space-saver wheel and hub are clean so that the fastening bolts will not come loose;

❑ fit the space-saver wheel by inserting the first bolt for two threads into the hole closest to the valve;

❑ take the wrench (A) fig. 119 and fully tighten the fixing bolts;

❑ operate the jack handle (D) fig. 120 to lower the vehicle. Then extract the jack;



❑ use the wrench (A) fig. 119, to fully tighten the bolts, passing alternately from one bolt to the opposite one;

❑ when replacing a wheel with alloy rim it is advisable to place it upside down, with the aesthetic part facing upwards.

REFITTING THE STANDARD WHEEL



Following the procedure described previously, raise the car and remove the space-saver wheel.

Versions with steel wheels

Proceed as follows:

❑ make sure the contact surfaces between standard wheel and hub are clean so that the fastening bolts will not come loose;

❑ **For versions with hub caps fastened with bolts only:** fit the standard wheel by inserting the first bolt by 2 threads into the hole closest to the inflation valve. Then fit the hub cap, aligning the crescent hole with the bolt already fitted, then fit the other bolts.

❑ **for versions with hub caps without holes for wheel fastening studs only:** fit the standard wheel and insert the fastening bolts without tightening them;

❑ using the wrench provided, tighten the fastening bolts;

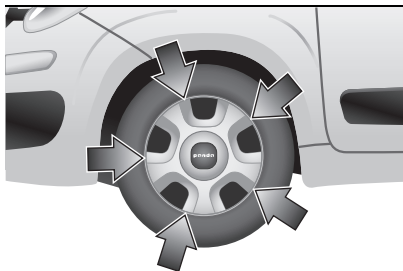
❑ lower the vehicle and remove the jack;

❑ use the wrench provided to fully tighten the bolts, passing alternately from one bolt to the opposite one.



For versions with hub caps without holes for wheel fastening studs only:

- ❑ once the normal wheel has been fitted, insert the press-fit hub cap, aligning the slot with the inflation valve;
- ❑ place the inner part of the hub cap on the wheel rim;
- ❑ engage the hub cap by applying an axial force in several points as shown in fig. 122 to allow the correct coupling between hub cap and wheel.



122

F1D0815

Versions with alloy rims

Proceed as follows:

- ❑ insert the wheel on the hub and use the spanner provided to tighten the bolts;
- ❑ lower the vehicle and remove the jack;
- ❑ use the wrench provided to fully tighten the bolts, passing alternately from one bolt to the opposite one;

- ❑ reinsert the press-fitted hub cap, making sure that the reference hole on the wheel is aligned with the reference pin on the cap.

NOTE If it is not fitted correctly, the hub cap may detach when the vehicle is running.

At the end of the operation

- ❑ stow the space-saver wheel in the compartment provided in the luggage compartment;
- ❑ insert the jack and the other tools in the container;
- ❑ arrange the container and tools on the space-saver wheel;
- ❑ correctly reposition the luggage compartment mat.



WARNING

141) The space-saver wheel (for versions/markets where provided) is specific to your car, do not use it on other models, nor use the space-saver wheel of other models on your car. The space-saver wheel must only be used in the event of an emergency. Never use it for more than strictly necessary and never exceed 80 km/h. On the space-saver wheel there is an orange sticker, summarising the main warnings regarding space-saver wheel usage restrictions. Never remove or cover the label. The label contains the following indications in four languages: "Warning! For temporary use

only! 80 km/h max.! Replace with standard wheel as soon as possible. Never cover this indication". Never apply a wheel cap on a space-saver wheel.

142) It is extremely dangerous to attempt to change a wheel on the side of the car next to the driving lane: make sure that the car is at a sufficient distance from the road, to avoid being run over.

143) Alert other drivers that the car is stationary in compliance with local regulations: hazard warning lights, warning triangle, etc. Any passengers on board should leave the car, especially if it is heavily laden. Passengers should stay away from on-coming traffic while the wheel is being changed. On hills or uneven roads, use chocks or appropriate objects to block the wheels of the vehicle.

144) The vehicle's driving characteristics will be modified with the space-saver wheel fitted. Avoid violent acceleration and braking, abrupt steering and fast cornering. The overall duration of the space-saver wheel is of about 3000 km, after which the relevant tyre must be replaced with another one of the same type. Never install a traditional tyre on a rim designed to be used as a space-saver wheel. Have the wheel repaired and refitted as soon as possible. Using two or more space-saver wheels at the same time is forbidden. Do not apply grease to the bolt threads before fitting: they could come unscrewed.

145) The jack is a tool developed and designed only for changing a wheel, if a tyre gets punctured or damaged, on the car with which it is supplied or on other cars of the same model. It must not be used, for example, to jack other vehicle

models or objects. Never use it to carry out servicing or repairs under the car or to change summer/winter - wheels and vice versa. Never position yourself under a jacked vehicle. Should it be necessary to work under the vehicle, contact a Fiat Dealership. Incorrectly positioning the jack may cause the vehicle to fall: use it only in the positions indicated. Do not use the jack for loads higher than the one shown on its label. Never start the engine with vehicle raised. If the vehicle is raised more than necessary, everything can become more unstable, with the risk of the vehicle dropping violently. Thus, lift the car only as needed in order to access the spare wheel.

146) Incorrectly fitting the wheel cap may cause it to fall off when the car is in motion. Never tamper with the inflation valve. Never introduce tools of any kind between rim and tyre. Check tyre and space-saver wheel pressures regularly complying with the values given in the "Technical specifications" section.



IMPORTANT

47) When turning the jack handle make sure that it can turn freely without scraping your hand against the ground. The moving components of the jack ("worm screw" and joints) can also cause injuries: avoid touching them. If you come into contact with lubricating grease, clean yourself thoroughly.

48) Contact a Fiat Dealership as soon as possible to have the correct tightening of the wheel bolts checked.

Fix&Go KIT



147) 148)

49)

DESCRIPTION

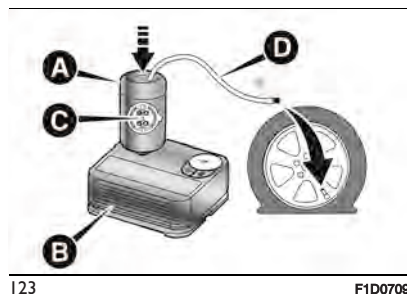
The Fix&Go quick tyre repair kit fig. 123 is located in the boot, inside a dedicated container and consists of:

- ❑ one cartridge (A) containing sealant and fitted with: transparent tube for injecting the sealant (D) and sticker (C) with the wording "Max. 80 km/h" to be placed in a clearly visible position (e.g. on the dashboard) after repairing the tyre;
- ❑ one compressor (B);
- ❑ one leaflet containing instructions for using the kit;
- ❑ a pair of gloves located in the hose compartment of the cartridge (D).

REPAIR PROCEDURE

Proceed as follows:

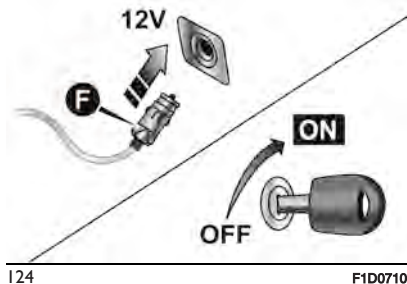
- ❑ stop the car in a position that is not dangerous for oncoming traffic where you can carry out the procedure safely. The ground must be flat and sufficiently compact;



- ❑ stop the engine, engage the hazard warning lights and the parking brake;
- ❑ put on the reflective safety jacket before getting out of the car (if required by the regulations in force). In any case, follow the road safety laws in force in the country where you are driving;
- ❑ insert the sealant cartridge (A) into the corresponding compressor compartment (B) and press it down hard fig. 123. Remove the speed limit sticker (C) and apply it in a clearly visible position (fig. 127);
- ❑ wear the gloves;
- ❑ remove the cap from the tyre valve and connect and screw the transparent tube of the sealing fluid (D) fig. 123 onto the valve. If a 250 ml cartridge is present the housing of the transparent tube is provided with removable ring to facilitate extraction. Make sure that the ON-OFF button (E) fig. 125 is in the off position (button not pressed);



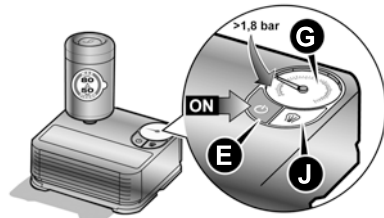
- ❑ insert the electrical connector (F) fig. 124 into the 12V socket on the car and start the engine;



124

F1D0710

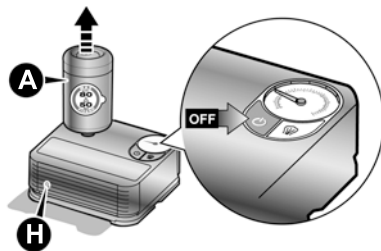
- ❑ operate the compressor by pressing the ON-OFF button (E) fig. 125. When the pressure shown in the "Wheels" chapter in the "Technical data" section or on the specific label appears on the pressure gauge G, stop the compressor by pressing the ON-OFF button (E) again;



125

F1D0711

- ❑ disconnect the cartridge (A) from the compressor, by pressing the release button (H) and lifting the cartridge (A) upwards fig. 126.



126

F1D0712

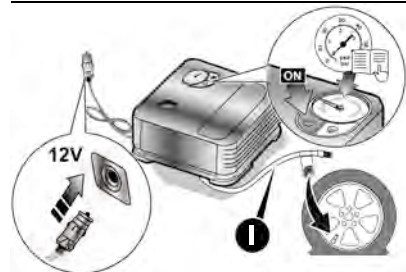
If the pressure gauge (G) fig. 125 indicates a pressure lower than 1.8 bar / 26 psi 15 minutes after starting the compressor, switch off the compressor, disconnect the sealing fluid tube (D) from the tyre valve and remove the cartridge (A) from the compressor fig. 126.



127

F1D0713

Move the car by approximately 10 m to promote the distribution of sealant; stop the car safely, operate the handbrake and restore pressure using the black inflation pipe (I) fig. 128 to reach the required pressure. If also in this case, the pressure is lower than 1.8 bar / 26 psi 15 minutes after turning on, do not resume driving but contact a Fiat Dealership.



128

F1D0714

After driving for about 8 km / 5 miles, position the vehicle in a safe and suitable area and engage the handbrake. Take the compressor and restore pressure using the black inflation tube (I) fig. 128.

If the pressure shown is higher than 1.8 bar / 26 psi, restore the pressure and drive safely to a Fiat Dealership as soon as possible. If, however, the pressure is lower than 1.8 bar / 26 psi, do not resume driving but contact a Fiat Dealership.

PROCEDURE FOR RESTORING THE PRESSURE

Proceed as follows:

- ❑ stop the car safely, as described above, and operate the handbrake;
- ❑ extract the black inflation tube (I) fig. 128 and screw it firmly onto the tyre valve. Follow the instructions shown in fig. 124 and fig. 128. Press the air release button (J) fig. 125 to adjust any tyre overpressure.

CARTRIDGE REPLACEMENT

Proceed as follows:

- ❑ only use original Fix&Go cartridges, which can be purchased from the Fiat Dealership.
- ❑ to remove the cartridge (A) fig. 123 press the release button (H) fig. 126 and lift it.



WARNING

147) The information required by the applicable regulation is indicated on the Fix&Go kit package label. Carefully read the label on the cartridge before use, avoid improper use. Fix&Go is subject to expiration and must be replaced periodically. The kit should be used by adults and cannot be used by children.

148) IMPORTANT: Do not exceed 80 km/h. Avoid sudden acceleration or

braking. The kit provides a temporary repair, therefore the tyre must be examined and repaired by a specialist as soon as possible. Before using the kit, ensure that the tyre is not excessively damaged and that the rim is in good condition, otherwise do not use it and call roadside assistance. Do not remove foreign bodies from the tyre. Do not let the compressor turned on for more than 20 consecutive minutes - overheating hazard.



IMPORTANT

49) The sealant fluid is effective with external temperatures from -40°C to $+50^{\circ}\text{C}$. The sealant fluid has an expiry date and must be replaced periodically. It is possible to repair tyres with damage on the tread up to a maximum diameter of 6 mm. Show the cartridge and the label to the personnel who must handle the tyre treated with the TireKit.

JUMP STARTING



If the conventional battery is flat, jump starting can be performed using cables and the conventional battery of another car, or using a supplementary lead battery.

Jump starting may be dangerous if carried out incorrectly: carefully follow the procedures described below.

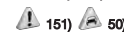
IMPORTANT NOTES

Do not use the booster battery or any other source of external supply with a voltage above 12 V. The conventional battery, the starter, the alternator and the electrical system of the car could be damaged. Do not attempt jump starting if the conventional battery is frozen. The conventional battery could break or explode!

JUMP STARTING



149) 150)



151) 50)

If the traditional 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.

To start, proceed as follows in the numerical order shown in fig. 129:

- ❑ connect the positive terminals (+ mark near the terminal) of the two



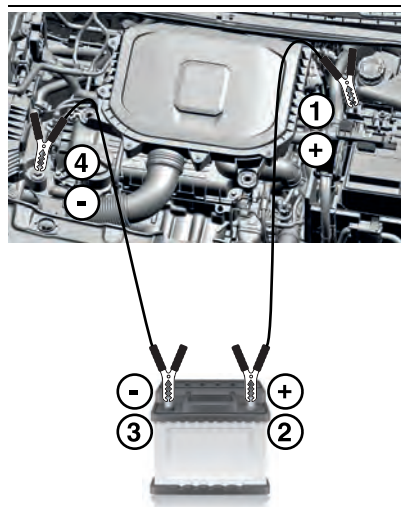
traditional batteries using a suitable lead;

❑ with a second cable, connect the negative terminal (-) of the supplementary battery to an earth point on the engine or gearbox of the car to be started as shown in fig. 129;

❑ if another vehicle is ready for jump starting, park the vehicle within the reach of the cables to be used for starting, operate the handbrake and make sure that the ignition is deactivated.

❑ start the engine;

❑ when the engine has been started, remove the leads reversing the order above.



129

F1D0830

For versions with Start&Stop system, in case of starting by booster battery, refer to the “Start&Stop system” paragraph in the “Starting and driving” section.

If after a few attempts the engine does not start, do not persist but contact a Fiat Dealership.

WARNING Do not directly connect the negative terminals of the two batteries. Sparks could ignite explosive gas released from the traditional battery. If the supplementary battery is installed

on another car, prevent accidental contact between metal parts of the two cars.



WARNING

149) This starting procedure must be performed by expert personnel because incorrect actions could cause electrical discharge of considerable intensity. Furthermore, conventional battery fluid is poisonous and corrosive: avoid contact with skin and eyes. Keep naked flames and lighted cigarettes away from the conventional battery and do not cause sparks.

150) Remove any metal objects (e.g. rings, watches, bracelets), that might cause an accidental electrical contact and cause serious injury.

151) Do not connect the cable to the negative terminal (-) of the flat conventional battery. The following spark could lead to conventional battery explosion and cause serious harm. Only use the specific earth point; do not use any other exposed metallic part.



IMPORTANT

50) Never use a fast conventional battery charger to jump start the engine as this could damage the electronic systems, particularly the engine ignition and fuel supply control units.

FUEL CUT-OFF SYSTEM



152)

This intervenes in the case of an impact causing:

- ❑ the interruption of the fuel supply with the engine consequently cutting out;
- ❑ the automatic unlocking of the doors;
- ❑ turning on the lights inside the car;
- ❑ the switching on of the hazard warning lights;
- ❑ automatic disconnection of the auxiliary battery from the electrical system.

NOTE Carefully check the car for fuel leaks, for instance in the engine compartment, under the car or near the tank area. After a collision, turn the ignition key to STOP to prevent the conventional battery from running down.

To restore the correct operation of the vehicle, proceed as follows:

- ❑ turn the ignition key to the MAR position;
- ❑ activate the right direction indicator;
- ❑ deactivate the right direction indicator;
- ❑ activate the left direction indicator;
- ❑ deactivate the left direction indicator;
- ❑ activate the right direction indicator;
- ❑ deactivate the right direction indicator;

- ❑ activate the left direction indicator;
- ❑ deactivate the left direction indicator;
- ❑ turn the ignition key to STOP and then to MAR.

LPG versions: in the event of an impact, petrol supply is immediately cut-off, the LPG safety valves are closed and the injection is interrupted, switching off the engine.

Natural Power versions: in the event of an impact, the power supply is immediately cut off, causing engine switching off.

WARNING The auxiliary battery can only be reconnected to the electrical system by a Fiat Dealership.



WARNING

152) *If, after an impact, you smell fuel or notice leaks from the fuel system, do not reactivate the system to avoid the risk of fire.*

TOWING THE CAR

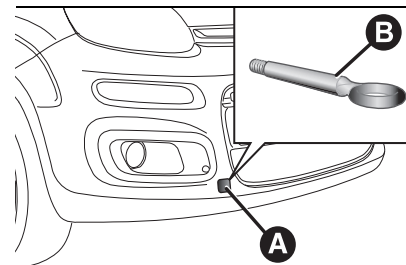


153) 154) 155) 156) 157)

The tow hook, if is supplied with the car, is housed in the tool box, under the mat in the luggage compartment.

ATTACHING THE TOW RING

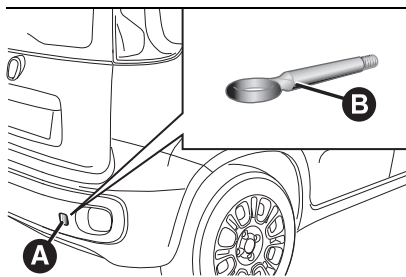
Manually release the plug (A) fig. 130 on the front bumper or (A) (for versions/markets, where provided) on the rear bumper by pressing the lower part, take tow ring (B) from its housing in the tool support and tighten it securely on the front fig. 131 or rear threaded pin.



130

F1D0094





131

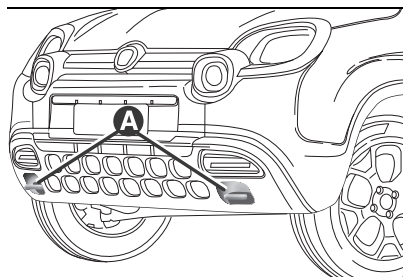
F1D0095

For versions/markets where specified

The car can only be towed in one of the following ways (and always with the engine off, gear set to neutral and handbrake released):

- ❑ with all the wheels on the road surface;
- ❑ with the front (or rear) wheels raised or resting on an emergency vehicle and the rear (or front) wheels resting on a specific trolley;
- ❑ loaded on the flatbed of the rescue vehicle with all the wheels on the flatbed.

WARNING On Cross versions, hooks (A) fig. 132, if present, can be used to tow the car in an emergency. If there are no hooks (A), the car is equipped with a hook ring, which can only be used at the front.



132

F1D0120



WARNING

153) Before towing, turn the ignition key to MAR-ON and then to STOP without removing it. The steering column will automatically lock when the key is removed and the wheels cannot be steered.

154) Before tightening the ring clean the threaded housing thoroughly. Make sure that the ring is fully fastened in the housing before towing the car.

155) Whilst towing, remember that as the assistance of the brake servo and the electric power assisted steering is not available, greater force needs to be exerted on the brake pedal and more effort is required on the steering wheel. Do not use flexible cables when towing and avoid jerky movements. During towing, make sure that the trailer hitch does not damage any components it is touching. When towing the vehicle, you must comply with all specific traffic regulations, both in terms of the towing device and behaviour on the

road. Do not start the engine while towing the car.

156) The front and rear tow hooks (for versions/markets, where provided) should be used only for emergencies on the road. You are allowed to tow the vehicle for short distances using an appropriate device in accordance with the highway code (a rigid bar), to move the vehicle on the road in readiness for towing or transporting via a breakdown vehicle. Tow rings **MUST NOT** be used to tow vehicles off the road or where there are obstacles and/or for towing operations using cables or other non-rigid devices. In compliance with the above conditions, towing must take place with the two cars (one towing, the other towed) aligned as much as possible along the same centre line.

157) Do not use tow hooks for securing the vehicle on ships.

SERVICING AND MAINTENANCE

Proper maintenance allows car performance to be maintained over time, operating costs to be contained, and safety system performance to be safeguarded.

This section explains how.

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SCHEDULED SERVICING

Correct servicing is crucial for guaranteeing a long life for the car under the best conditions. For this reason, Fiat has planned a series of checks and services at fixed distance and/or time intervals, as described in the Scheduled Servicing Plan. To keep the car in tip-top conditions, a few additional checks which should be carried out more frequently with respect to the normal service deadlines are listed in the Scheduled Service plan on the previous pages. Scheduled Servicing is offered by all Fiat Dealerships according to a set time schedule. If, during each operation, in addition to the ones scheduled, the need arises for further replacements or repairs, these may be carried out with the owner's explicit agreement only. If your car is used frequently for towing, the interval between one scheduled servicing operation and the next should be reduced.

WARNING Scheduled Servicing interventions are set out by the Manufacturer. Failure to have them carried out may invalidate the warranty. We advise sharing any doubts regarding the car's proper

operation with your Fiat Dealership, before waiting for the next coupon redemption.

REGULAR CHECKS

Every **1,000 km** or before long journeys, check and if necessary, top up: engine coolant level, brake fluid level, screen washer fluid level, tyre inflation pressure and condition, lighting system operation (headlights, direction indicators, hazard warning lights, etc.), screen washer/wiper system operation and positioning/wear of windscreen/rear window wiper blades. Every **3,000 km**, check and top up if required: engine oil level.

For cars with 0.9 TwinAir engines:

every 3,000 km check the engine oil level and top it up to the maximum level if necessary.

DEMANDING USE OF THE CAR

If the car is used under one of the following conditions: towing a trailer or motorhome; dusty roads; short (less than 7-8 km) and repeated journeys with sub-zero outside temperatures; engine often idling or driving long distances at low speed or long periods of inactivity, the following checks must be carried out more often than

indicated in the Scheduled Servicing Plan:

- ☐ check front disc brake pad condition and wear;
- ☐ check the cleanliness of the side, bonnet and luggage compartment locks, and the cleanliness and lubrication of the linkages;
- ☐ visually inspect conditions of: engine, gearbox, transmission, pipes and hoses (exhaust/ fuel system/brakes) and rubber elements (gaiters/sleeves/bushes, etc.);
- ☐ check the charge status and fluid level (electrolyte) of the conventional battery;
- ☐ visually inspect conditions of the accessory drive belts;
- ☐ check and, if necessary, change engine oil and replace oil filter / pollen filter / air cleaner.

SERVICE SCHEDULE

WARNING Once you have carried out the last intervention in the table, continue with the scheduled servicing, maintaining the frequency indicated in the plan by marking each operation with a dot or dedicated note. Warning: simply restarting the maintenance from the start of the plan may cause the allowed interval to be exceeded for some operations!

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Check tyre condition/wear and adjust pressure, if necessary; check the expiry date of the “Fix&Go” 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 and, if necessary, top up fluid levels (1)	●	●	●	●	●	●	●	●	●	●
Check exhaust emissions / smokiness	●	●	●	●	●	●	●	●	●	●
Use the diagnosis socket to check supply/engine management systems operation, emissions and, for versions/markets, where provided, engine oil degradation	●	●	●	●	●	●	●	●	●	●
Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.)	●		●		●		●		●	
Check windscreen/rear window wiper blade position/wear	●		●		●		●		●	
Check operation of windscreen washer system and adjust jets if necessary	●		●		●		●		●	
Check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage		●		●		●		●		●



Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Check handbrake lever travel and adjust, if necessary		●		●		●		●		●
Check and adjust clutch pedal travel (1.2 8V 69 HP versions only)		●		●		●		●		●
Visually inspect conditions and wear of front disc brake pads and integrity of pad wear indicator	●	●	●	●	●	●	●	●	●	●
Visually inspect conditions and wear of rear disc brake pads and integrity of pad wear indicator (for versions/markets where provided)	●	●	●	●	●	●	●	●	●	●
Visually inspect rear drum brake lining condition and wear (for versions/markets, where provided)	●	●	●	●	●	●	●	●	●	●
Visually check conditions of accessory drive belt and control and (for versions without automatic tensioner) check tension (0.9 TwinAir - 1.2 8V 69 HP)			●						●	
Visually inspect condition of various drive belt(s) (1.0 FireFly 70 HP)	●	●	●	●	●	●	●	●	●	●
Visually inspect conditions of toothed timing drive belt (only 1.2 8V version)			●						●	
Check tappet clearance and adjust if necessary (1.2 8V 69 HP versions)				●				●		
Check tappet clearance and adjust if necessary (1.2 8V 69 HP LPG versions)		●		●		●		●		●
Check manual gearbox with drive transmission idler unit (PTU) oil level (Panda Cross 4x4 and Panda 4x4 versions only)				●				●		
Check rear differential oil level (Panda Cross 4x4 and Panda 4x4 versions only)				●				●		

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Visually inspect condition of: LPG pipes and connectors, LPG tank fixing (LPG versions only)		●		●		●		●		●
Check fuel system operation and parameters using the diagnosis socket (LPG versions only)		●		●		●		●		●
Visually inspect condition of: methane pipes and connectors and methane cylinder fastening, restore if necessary (Natural Power versions only) (3)		●		●		●		●		●
Check pressure regulator and replace internal filter, if necessary (Natural Power versions only) (3)		●		●		●		●		●
Check fuel system operation and parameters using self-diagnosis socket (Natural Power versions only)		●		●		●		●		●
Check torque tightening of cylinder fastening bands (Natural Power versions only)				●				●		
Check pressure regulator heating pipes sealing (Natural Power versions only)		●		●		●		●		●
Check correct fitting of injectors (positioning, clip retention) (Natural Power versions only)		●		●		●		●		●
Check and, if necessary, top up the Dualogic transmission fluid level (for versions/markets, where provided) (9)		●		●		●		●		●
Change the engine oil and oil filter (0.9 TwinAir Turbo 85 HP and 0.9 TwinAir Turbo 85 HP Natural Power versions) (4) (○) (●)	○	●	○	●	○	●	○	●	○	●
Change engine oil and oil filter (1.0 Firefly/ 1.2 8V 69 HP / 1.2 8V 69 HP LPG versions) (8)	●	●	●	●	●	●	●	●	●	●



Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Replace spark plugs (1.2 8V 69 HP - 0.9 TwinAir Turbo 85 HP - 1.0 FireFly versions) (5)		●		●		●		●		●
Replace accessory drive belt(s) (0.9 TwinAir - 1.2 8V 69 HP)	(2)									
Replace accessory drive belt(s) (only for 1.0 Firefly versions)	(10)									
Replace toothed timing drive belt (1.2 8V version only)	(2)									
Replace air cleaner cartridge (6)		●		●		●		●		●
Change the brake fluid	(7)									
Replace filter inside the pressure regulator (LPG versions only)						●				
Replace paper filter (LPG in gaseous state) (LPG versions only)		●		●		●		●		●
Replace passenger compartment cleaner (6) (○) (●)	○	●	○	●	○	●	○	●	○	●

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10

Check the auxiliary drive belt tension, and replace if necessary (for dusty roads only) (1.0 FireFly versions only) (11)

- (1) Only ever use the fluids shown in the handbook for topping up, and only after checking that the system is intact.
 - (2) The maximum mileage is 120,000 km/72,000 mi. The belt must be replaced every 6 years, regardless of distance travelled. If the vehicle is used in heavy conditions (dusty areas, especially severe weather conditions, very low or very high temperatures for extended periods, urban driving, long periods of idling), the maximum mileage is 60,000 km / 36,000 mi. The belt must be replaced every 4 years regardless of the mileage
 - (3) Or every year.
 - (4) If the vehicle is used mainly on urban routes or the annual distance travelled is less than 10,000 km / 6,000 mi, the engine oil and engine oil filter must be changed every year.
 - (5) For 0.9 TwinAir versions, to guarantee correct operation and prevent serious damage to the engine, it is essential to only use spark plugs specifically certified for these engines; all spark plugs should be of the same type and brand (see the "Engine" chapter in the "Technical specifications" section) and strictly comply with the spark plugs replacement intervals in the Service Schedule. It is advisable to contact a FIAT Dealership for plug replacement.
 - (6) If the vehicle is used in dusty areas, the air cleaner must be replaced every 15,000 km / 9,000 mi.
 - (7) The brake fluid replacement has to be done every two years, irrespective of the mileage.
 - (8) If the vehicle is mainly used in towns and cities and does not exceed the mileage shown on the scheduled servicing plan, change the engine oil and filter every year.
 - (9) The level must be checked every year for vehicles driven in countries with particularly severe weather (cold climate).
 - (10) Replace the auxiliary component belt every 240,000 km / 144,000 mi.
 - (11) The check and replacement, if necessary, must be based only on mileage, regardless of the time
- ☐ Recommended operations.
☒ Mandatory operations.



CHARGING THE CONVENTIONAL BATTERY



158) 159)

NOTE After turning the ignition key to STOP and having closed the driver's door, wait at least one minute before disconnecting and then reconnecting the electrical supply to the conventional battery.

WARNING Charging should be slow at a low ampere rating for approximately 24 hours. Charging for a longer time may damage the conventional battery.

WARNING The cables of the electrical system must be correctly reconnected to the conventional battery, i.e. the positive cable (+) to the positive terminal and the negative cable (-) to the negative terminal. The conventional battery terminals are marked with the positive (+) and negative (-) terminal symbols, and are shown on the battery cover. The battery terminals must also be corrosion-free.

WARNING If a "quick-type" conventional battery charger is used with the battery fitted on the car, before connecting it disconnect both cables of the conventional battery itself. Do not

use a "quick-type" battery charger to provide the starting voltage.

NOTE The conventional battery charging procedure is given for information only. You are advised to contact a Fiat Dealership to have this operation carried out.

VERSIONS WITHOUT START&STOP SYSTEM

(for versions/markets, where provided)

To recharge, proceed as follows:

- disconnect the terminal from the negative conventional battery pole;
- connect the charger cables to the conventional battery terminals, observing the polarity;
- turn on the battery charger;
- when it is recharged, turn the charger off before disconnecting it from the conventional battery;
- reconnect the terminal to the negative conventional battery pole.

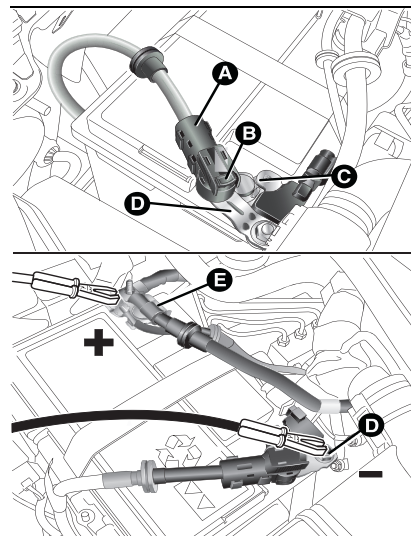
VERSIONS WITH START&STOP SYSTEM

(for versions/markets, where provided)

To recharge, proceed as follows:

- disconnect the connector (A) fig. 133 by pressing the button (B) from the sensor (C) monitoring the battery conditions, on the negative (-) pole (D) of the conventional battery;

- connect the positive cable of the battery charger to the positive conventional battery terminal (E) and the negative cable to the sensor terminal (D);
- turn on the battery charger. At the end of the charging process, switch the battery charger off;
- after having disconnected the battery charger, reconnect connector (A) to the sensor (C).



133

F1D0136



WARNING

158) Conventional battery fluid is poisonous and corrosive: avoid contact with skin and eyes. The conventional battery should be charged in a well ventilated place, away from naked flames or possible sources of sparks: danger of explosion and fire.

159) Do not attempt to recharge a frozen conventional battery: first it must be thawed, otherwise there is a risk of explosion. If freezing has occurred, the conventional 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.



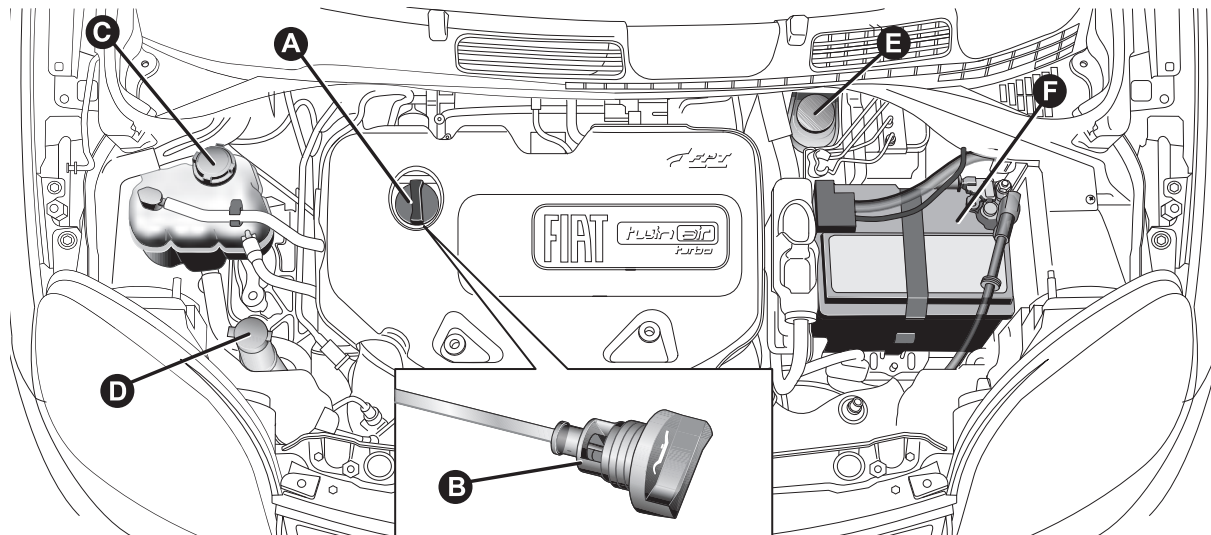
ENGINE COMPARTMENT



CHECKING LEVELS

⚠ 180) 161) ⚠ 51)

0.9 TwinAir Turbo versions

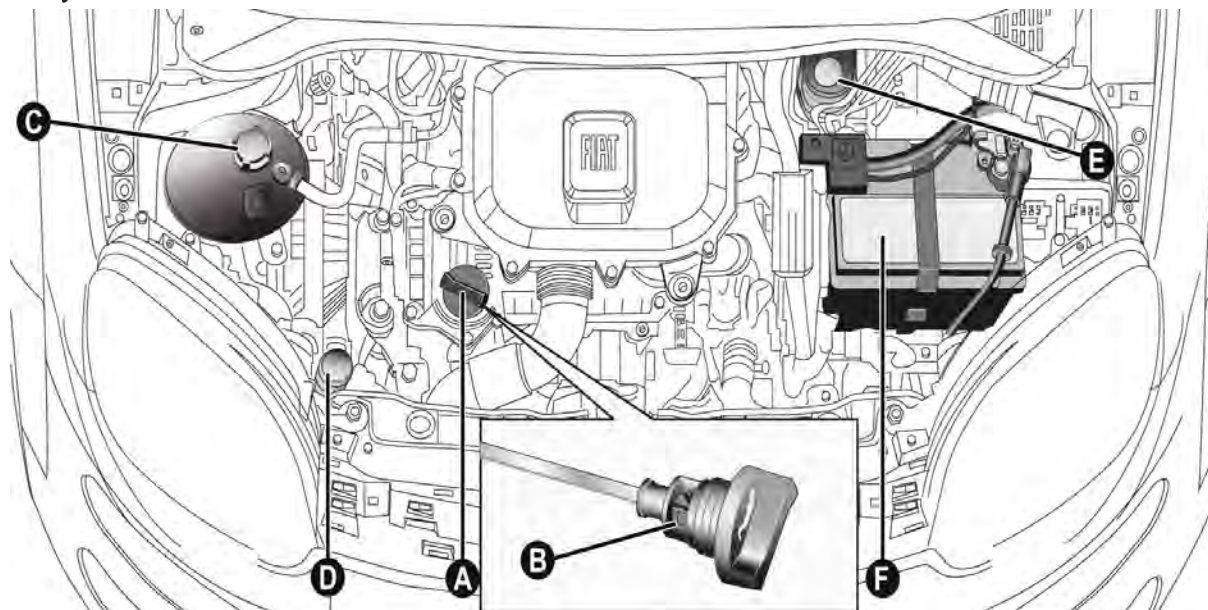


134

F1D0097

A. Engine oil cap/filler B. Engine oil level dipstick C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Conventional battery (lead)

1.0 FireFly versions



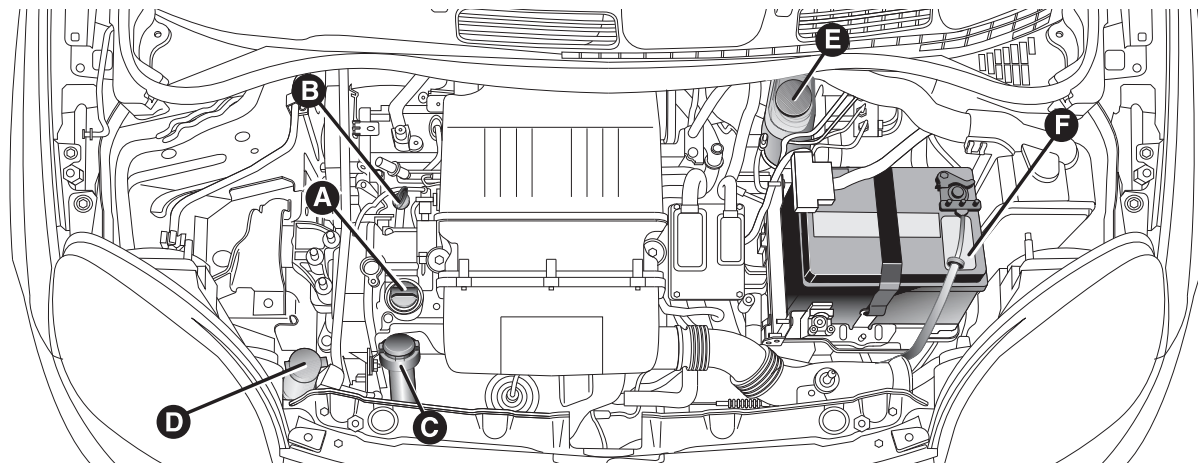
135

F1D0825

A. Engine oil cap/filler B. Engine oil level dipstick integral with cap C. Engine coolant D. Windscreen washer fluid E. Brake fluid F. Conventional battery (lead)



1.2 8V 69 HP versions



136

F1D0098

A. Engine oil cap/filler B. Engine oil level dipstick C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Conventional battery (lead)

**WARNING**

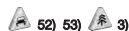
160) *Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.*

161) *Be very careful when working in the engine compartment when the engine is hot: you may get burned.*

**IMPORTANT**

51) *Be careful not to confuse the various types of fluids while topping up: they are not compatible with one another! Topping up with an unsuitable fluid could severely damage your vehicle.*

ENGINE OIL



Check the oil level a few minutes (about 5) after the engine has stopped, with the vehicle parked on level ground.

Check that the oil level is between the MIN and MAX references on the dipstick (B). If the level of the oil is close to or below the MIN mark, add oil via the filler fitting A until the MAX mark is reached.

NOTE For 0.9 TwinAir, 0.9 TwinAir Turbo and 1.0 Firefly versions, the engine oil level dipstick B is integral with the cap A. Loosen the plug, clean the dipstick with a cloth that does not leave traces, reinsert the dipstick and re-tighten the plug. Unscrew the plug again and check that the engine oil level is between the MIN and MAX marks on the dipstick.

Engine oil consumption

The maximum engine oil consumption is usually 400 grams every 1000 km. During the initial period of use the engine oil consumption conditions should be considered as having stabilised after the first 5000 - 6000 km.

Topping up the engine oil (for TwinAir engines)

If the message requesting an engine oil top-up appears on the display, the user must top up the oil to the MAX

level and then reset the warning from the instrument panel as described in the "Display" chapter the "Knowing the instrument panel" section.

NOTE After adding or changing the oil, let the engine turn over for a few seconds and wait a few minutes after turning it off before you check the level.

ENGINE COOLANT



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 too low, unscrew reservoir cap C and add the fluid described in the "Technical Specifications" section.

WINDSCREEN/REAR WINDOW WASHER FLUID



If the level is too low, raise reservoir cap (D) (see previous pages) and add the fluid described in the "Technical Specifications" section.

BRAKE FLUID



Check that the fluid is at the maximum level (the fluid level in the reservoir must not exceed the MAX mark). If the fluid level in the reservoir is too low, undo reservoir cap (E) and add

the fluid described in the "Technical Specifications" section.

CONVENTIONAL BATTERY



The conventional battery (F) does not require the electrolyte to be topped up with distilled water. A periodic check carried out at a Fiat Dealership is, however, necessary to check efficiency.

WARNING After the conventional battery is disconnected, the steering must be initialised. The  warning light on the instrument panel switches on to indicate this. To carry out this procedure turn the steering wheel all the way from one end to the other or drive in a straight line for about a hundred metres.

WARNING If the charge level remains under 50% for a long time, the conventional battery is damaged by sulphation, reducing its capacity and efficiency at start-up.



CLIMATE CONTROL SYSTEM MAINTENANCE

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.



WARNING

162) The cooling system is pressurized. If necessary, only replace the plug with another original or the operation of the system may be adversely affected. Do not remove the reservoir plug when the engine is hot: you risk scalding yourself.

163) Do not travel with the windscreen washer fluid reservoir empty: the windscreen washer is essential for improving visibility. Some commercial windscreen washer additives are flammable. The engine compartment contains hot components which may set it on fire.

164) 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.

165) The symbol , on the brake fluid container indicates if a brake fluid is synthetic or mineral-based. Use of mineral type fluids will damage the special rubber seals of the braking system beyond repair.

166) The conventional battery fluid is poisonous and corrosive. Avoid contact

with the skin and eyes. Keep naked flames and sources of sparks away from the conventional battery: risk of explosion and fire.

167) Using the conventional battery with insufficient battery fluid may irreparably damage the battery and may cause an explosion.

168) If the car will be unused for an extended period of time in extremely cold weather conditions, remove the conventional battery and store it in a heated area to prevent it from freezing.

169) Always wear appropriate goggles to protect your eyes when working on or near the conventional battery.



IMPORTANT

52) The oil level must never exceed the MAX mark.

53) Do not add oil with specifications other than those of the oil already existing in the engine.

54) PARAFLU UP antifreeze is used in the engine cooling system. Use the same fluid as in the cooling system when 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.

55) Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should it happen, immediately wash with water.

56) Incorrect installation of electric and electronic devices may cause severe damage to your car. After purchasing your car, if you wish to install any accessories

(anti-theft, phone, etc.), contact a Fiat Dealership, which will suggest the most appropriate devices for your car, and will, most importantly, advise you if a higher capacity conventional battery needs to be installed.



IMPORTANT

3) Used engine oil and oil filters contain substances which are harmful to the environment. To change the oil and filters, we advise you to contact a Fiat Dealership.

4) Traditional batteries contain substances which are very harmful for the environment. For conventional battery replacement, contact a Fiat Dealership.

CONVENTIONAL BATTERY

REPLACING THE CONVENTIONAL BATTERY

 170) 171) 172) 173)  57)  5)

If necessary, replace the conventional battery with another original battery with the same specifications. Follow the conventional battery manufacturer's instructions for maintenance.

USEFUL ADVICE FOR EXTENDING THE LIFE OF THE CONVENTIONAL BATTERY

To avoid draining your conventional battery and make it last longer, observe the following instructions:

- ❑ when you park the car, ensure that the doors, tailgate and bonnet are closed properly, to prevent any lights from remaining on inside the passenger's compartment;
- ❑ switch off all roof lights inside the car: the car is however equipped with a system which switches all internal lights off automatically;
- ❑ do not keep accessories (e.g. radio, hazard warning lights, etc.) switched on for a long time when the engine is not running;
- ❑ before performing any operation on the electrical system, disconnect the cable from the negative conventional battery terminal;
- ❑ completely tighten the conventional battery terminals.

WARNING If the charge level remains under 50% for a long time, the conventional battery is damaged by sulphation, reducing its capacity and efficiency at start-up. The battery will also be more at risk of freezing (this can happen as early as -10°C). Refer

to the "Car inactivity" chapter in the "Starting and driving" section if the car is left parked for a long time. If, after buying the car, you wish to install electrical accessories which require permanent electrical supply (alarm etc.) or accessories which influence the electrical supply requirements, contact a Fiat Dealership, whose qualified staff will evaluate the overall electrical consumption.



WARNING

170) *The conventional battery fluid is poisonous and corrosive. Avoid contact with skin and eyes. Keep naked flames and sources of sparks away from the conventional battery: risk of explosion and fire.*

171) *Using the conventional battery with insufficient battery fluid may irreparably damage the battery and may cause an explosion.*

172) *If the car will be unused for an extended period of time in extremely cold weather conditions, remove the conventional battery and store it in a heated area to prevent it from freezing.*

173) *Always wear appropriate goggles to protect your eyes when working on or near the conventional battery.*



IMPORTANT

57) *Incorrect installation of electric and electronic devices may cause severe damage to your car. If after buying your car, you wish to install any accessories (anti-theft, etc.), go to a Fiat Dealership, which will suggest the most suitable devices and advise you whether a higher capacity conventional battery needs to be installed.*



IMPORTANT

5) *Traditional batteries contain substances which are very harmful for the environment. For conventional battery replacement, contact a Fiat Dealership.*



AUXILIARY BATTERY

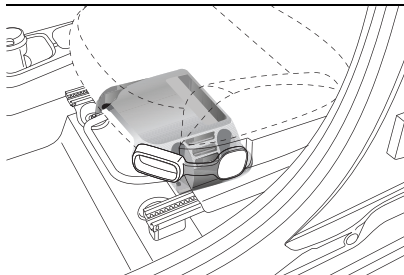
(for versions/markets, where provided)
The auxiliary lithium battery (A) fig. 137 under the front left seat is maintenance free. Do not remove the protective cover for any reason.



174)



58)



137

F1D0829

In case of a failure, the  and  warning lights on the instrument panel come on, with a dedicated message in some cases. Contact only a Fiat Dealership to restore correct operation.



WARNING

174) When folding down the front seat, take care not rest your feet on the auxiliary battery cover under the seat to avoid damaging it and to avoid trapping your feet between the seat and the auxiliary battery.



IMPORTANT

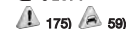
58) Do not rest your feet on the protective cover of the auxiliary lithium battery under the left front seat to avoid damaging the cover or auxiliary battery.

BRAKES

Depending on the version/market, the vehicle may be equipped with mechanical wear detectors for the brake pads: one for each wheel assembly. When the brake linings are close to wearing out, pressing the brake pedal will generate a slight squeal: this lasts for about 100 km (the mileage varies with the driving style and route).

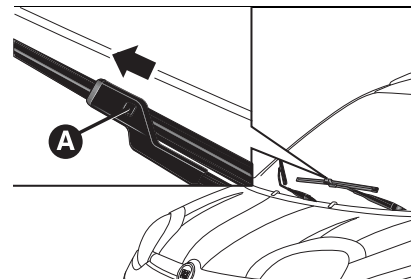
In this case, it is still possible to continue driving, with caution. However, contact a Fiat Dealership as soon as possible to have the worn brake pads changed.

WINDSCREEN WIPER/REAR WINDOW WIPER

175)  59)

REPLACING WIPER BLADES

- ☐ raise the wiper arm, press tab (A) fig. 138 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.



138

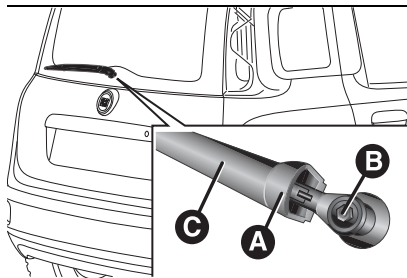
F1D0100

REPLACING THE REAR WINDOW WIPER BLADE

Proceed as follows:

- ☐ lift the cover (A) fig. 139, undo the nut (B) and remove the arm (C);

- ❑ correctly position the new arm, fully tighten the nut (B) then lower the cover (A).



I39

F1D0101

NOZZLES

Windscreen washer

The windscreen washer jets can be adjusted rotating the side notch with a screwdriver. If there is no jet of fluid, firstly check that there is fluid in the reservoir (see the "Checking fluid levels" paragraph in this section). Then check that the nozzle holes are not clogged; use a needle to unblock them if necessary.

Rear window washer

The rear window washer jets are fixed. The nozzle holder is located above the rear window.



WARNING

175) Driving with worn windscreen/rear window wiper blades is a serious risk, because visibility is reduced in bad weather.



IMPORTANT

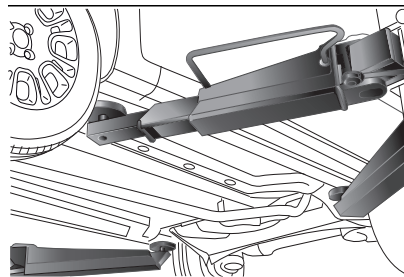
59) Do not operate the windscreen wiper with the blades lifted from the windscreen.

LIFTING THE VEHICLE



176)

If the vehicle needs to be jacked up, go to a Fiat Dealership which is equipped with workshop jacks and jack arms fig. 140.



I40

F1D0135



WARNING

176) Lift the vehicle exclusively by positioning the jack arms or the workshop jack in the points illustrated.

WHEELS AND TYRES



177) 178)

60) 61) 62) 63)

SUGGESTIONS ABOUT THE ROTATION OF THE TYRES

The front and rear tyres are subject to different loads and stress due to steering, manoeuvres and braking. For this reason they are subject to uneven wear.

To resolve this problem, tyres should be rotated at the appropriate time. This operation is recommended for tyres with a deep tread pattern, suitable both for on-road and off-road driving. Tyre rotation contributes to the preservation of the grip and traction performance on wet, muddy or snowy roads, guaranteeing optimal driveability of the vehicle. In the case of irregular wear of the tyres, the reason must be identified and corrected before rotating them.



**WARNING**

177) Do not cross switch the tyres if they are "unidirectional" type. In this case, always take care not to fit the tyres with a direction of rotation that is opposite to that indicated: you would risk losing grip and control of the vehicle.

178) Travelling with partially or completely deflated tyres can cause safety problems and damage the concerned tyre beyond repair.

**IMPORTANT**

60) The road holding qualities of the car also depend on the correct inflation pressure of the tyres.

61) If tyre pressure is too low, the tyre may overheat and be severely damaged as a result.

62) Do not switch tyres from the right-hand side of the vehicle to the left-hand side, and vice versa.

63) Never submit alloy rims to repainting treatments requiring the use of temperatures exceeding 150°C. The mechanical properties of the wheels could be impaired.

BODYWORK**PRESERVING THE BODYWORK****Paintwork**

To correctly wash the car, proceed as follows:

- ❑ remove the aerial from the roof to prevent damage to it if the car is washed in an automatic system;
 - ❑ if high pressure jets or cleaners are used to wash the vehicle, keep a distance of at least 40 cm from the bodywork to avoid damage or alteration. It should be remembered that the build up of water can damage the car over a period of time;
 - ❑ wash the bodywork using a low pressure jet of water;
 - ❑ wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing the sponge;
 - ❑ rinse well with water and dry with a jet of air or a chamois leather.
- Dry the less visible parts (e.g. door frames, bonnet, headlight frames etc.) with special care, as water may stagnate more easily in these areas. The car should not be taken to a closed area immediately, but left

outside so that residual water can evaporate.

Do not wash the car after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork. Exterior plastic parts must be cleaned in the same way as the rest of the vehicle.

Avoid parking under trees; the resin dropped by trees makes the paintwork go opaque and increases the possibility of corrosion.

WARNING Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.

VERSIONS WITH MATT PAINT

(for versions/markets, where provided)

These versions have exclusive matt paintwork which requires special care for its preservation.

The instructions for good preservation follow below.

**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

64) In order to preserve the appearance of the paint abrasive products and/or polishes should not be used for cleaning the car.

65) Avoid washing with rollers and/or brushes in washing stations. Wash the car only by hand using neutral pH detergents; dry it with a wet chamois leather. Abrasive products and/or polishes should not be used for cleaning the car. Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive. Avoid (if at all possible) parking the car under trees; remove vegetable resins immediately as, when dried, it may only be possible to remove them with abrasive products and/or polishes, which is highly inadvisable as they could alter the typical opaqueness of the paint. Do not use pure windscreen washer fluid for cleaning the front windscreen and rear window; dilute it min. 50% with water. Only use pure screen

washer fluid when strictly necessary due to outside temperature conditions.

66) 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. Only wash your vehicle in areas equipped to collect and treat waste water from this type of activity.

INTERIOR



179) 180)

SEATS AND FABRIC PARTS

Remove dust with a soft brush or a vacuum cleaner. Rub the seats with a sponge moistened with a solution of water and neutral detergent.

WARNING To avoid ruining the upholstery, do not use acetone, acetic alcohol, denatured ethyl alcohol or any highly aggressive solvents or detergents to clean the fabric parts.

Use spotting agents such as isopropyl alcohol or dry stain removers.

Cleaning heat press images on seats

(for versions/markets, where provided) Due to the colour, opacity and wear-resistant protection with which the heat press images on some seat versions are made, they may be subject to temporary scratching if they are touched by finger nails, keys, or other hard objects.

In such cases, the visible signs do not impair the profiled images, and can easily be removed by wiping the affected area with a microfibre cloth moistened with water (not dry) to restore the seat to its original condition.

WARNING The microfibre cloth must not have been previously soaked in other substances or detergents.



WARNING

179) ever use flammable products, such as petrol ether or rectified petrol to clean the inside of the car. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.



180) *Do not keep aerosol cans in the vehicle: they might explode. Aerosol cans must not be exposed to a temperature exceeding 50°C. When the vehicle is exposed to sunlight, the internal temperature can greatly exceed this value.*

TECHNICAL SPECIFICATIONS



Everything you may find useful for understanding how your car is made and works is contained in this section and illustrated with data, tables and graphics. For the enthusiasts and the technician, but also just for those who want to know every detail of their car.

IDENTIFICATION DATA	142
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PRESCRIPTIONS FOR HANDLING THE CAR AT THE END OF ITS LIFE	169



IDENTIFICATION DATA



VEHICLE IDENTIFICATION NUMBER (VIN) PLATE

Depending on the version, the plate fig. 141 may be located to the right or at the centre of the luggage compartment (lift the carpet covering to access it), or on the outside of the central pillar on the driver side (open the front and rear doors on the driver side to access it). It contains the following information:



141

F1D1005

- A** Manufacturer's Name.
- B** Type-approval number.
- C** Vehicle type identification code.
- D** Maximum authorized weight of vehicle fully laden.

E Maximum authorised weight of fully laden car plus trailer.

F Maximum permitted weight on first axle (front).

G Maximum permitted weight on second axle (rear).

H Engine type.

I Bodywork version code.

L Spare part reference number.

BODYWORK PAINT IDENTIFICATION PLATE

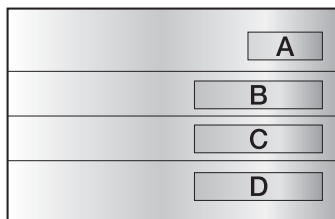
This is applied inside the bonnet (left side) and bears the following data fig. 142:

A Paint manufacturer.

B Colour name.

C Fiat colour code.

D Respray and touch up code.



142

F1D0128

CHASSIS MARKING

This is located on the right side of the boot rear floor and gives the following identification data:

- ☐ car type;
- ☐ chassis serial number.

ENGINE MARKING

It is stamped on the cylinder block and includes the type and the engine serial number.

ENGINE

Versions	1.2 8V 69 HP	1.2 8V 69 HP LPG	
Engine code	169A4000	169A4000	
Cycle	Otto	Otto	
Number and position of cylinders	4 in line	4 in line	
Piston bore and stroke (mm)	70.8 × 78.86	70.8 × 78.86	
Total displacement (cm³)	1242	1242	
Compression ratio	11.1 : 1	11.1 : 1	
		LPG	Petrol
Maximum power (EC) (kW)	51	51	51
Maximum power (EEC) (HP)	69	69	69
Corresponding engine speed (rpm)	5500	5500	5500
Maximum torque (EEC) (Nm)	102	102	102
Maximum torque (EEC) (kgm)	10.4	10.4	10.4
Corresponding engine speed (rpm)	3000	3000	3000
Spark plugs	NGK ZKR7A-10 or CHAMPION RA8MCX4		NGK ZKR7AI-8
Fuel	Unleaded petrol 95 R.O.N. (EN228 specifications)	LPG for motor vehicles (EN589 Specification)	Unleaded petrol 95 R.O.N. (EN228 specifications)



Versions	0.9 TwinAir Turbo 85 HP	0.9 TwinAir Turbo Natural Power	
Engine code	312A2000	46337566	
Cycle	Otto	Otto	
Number and position of cylinders	2 in line	2 in line	
Piston bore and stroke (mm)	80.5 × 86.0	80.5 × 86.0	
Total displacement (cm³)	875	875	
Compression ratio	10 : 1	10 : 1	
		Methane	Petrol
Maximum power (EC) (kW)	62.5 / 57 (*)	52	62
Maximum power (EEC) (HP)	85 / 77.5(*)	70	85
Corresponding engine speed (rpm)	5500	5500	5500
Maximum torque (EEC) (Nm)	145 / 100 (*)	135	145
Maximum torque (EEC) (kgm)	14.8 / 10.2 (*)	13.8	14.8
Corresponding engine speed (rpm)	1900 / 2000 (*)	2500	1900
Spark plugs	NGK ILKR9G8	NGK PLKR9C8	
Fuel	Unleaded petrol 95 R.O.N. (EN228 specifications)	Methane for motor vehicles	Unleaded petrol 95 R.O.N. (EN228 specifications)

(*) With ECO button pressed

Versions	1.0 FireFly
Engine code	46341162
Cycle	Otto
Number and position of cylinders	3 cylinders in line
Piston bore and stroke (mm)	70 × 86.5
Total displacement (cm ³)	999
Compression ratio	12:1
Maximum power (EC) (kW)	51
Maximum power (EEC) (HP)	70
corresponding engine speed (rpm)	6000
Maximum torque (EEC) (Nm)	92
Maximum torque (EEC) (kgm)	9.38
corresponding engine speed (rpm)	3500
Spark plugs	NGK LMAR8K-9S
Fuel	Unleaded petrol 95 R.O.N. (EN228 specifications)



WHEELS



181) 182) 183)

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. For safe driving, the car must be fitted with tyres of the same make and type on all wheels.

WARNING Do not use air chambers with tubeless tyres. The M+S tyres provided with the vehicle (on versions where provided) are characterised by the 3PMSF (3 Peak Mountain Snow Flake) marking . This marking certifies that the tyre has passed the specific approval test required by European Community Regulation ECE 117, which ensures better performance on snow than a "simple" M+S.

SNOW CHAINS

 184) 185) 186)  67)

Important notes

The use of snow chains should be in compliance with local regulations of each country. In certain countries, tyres marked with code M+S (Mud and Snow) are considered as winter equipment; therefore their use is equivalent to that of the snow chains. The snow chains may be applied only to the front wheel tyres.

Check the tension of the snow chains after the first few metres have been driven.

Using snow chains with tyres with non-original dimensions may damage the vehicle. Using different size or type (M+S, etc.) tyres between front and rear axle may adversely affect car handling, with the risk of losing control of the car and resulting accidents.

Snow chains cannot be fitted to the space-saver wheel (for versions/markets, where provided). If a front tyre is punctured, replace a rear wheel with the space-saver wheel and move the rear wheel to the front axle. In this way, with two normal drive wheels at the front, snow chains can be fitted.



WARNING

181) The top speed for winter tyres marked "Q" is 160 km/h, while it is 190 km/h for "T" tyres and 210 km/h for "H" tyres. The highway code speed limits must however always be complied with.

182) 185/55 R15 82H tyres cannot be fitted with chains.

183) 175/65 R14 82T tyres can be fitted with reduced size snow chains: 9 mm.

184) 175/65 R15 88T and 175/65 R15 84H tyres can be fitted with low-profile snow chains: 7 mm

185) Keep the vehicle's 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.

186) DO NOT fit wheel hub caps when using integral hub caps fixed (with springs) to the steel rim and after sale tyres provided with Rim Protector. Use of unsuitable tyres and wheel caps may cause sudden decrease of tyre pressure.



IMPORTANT

67) 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.

RIMS AND TYRES PROVIDED

Panda versions

Versions	Rims	Tyres provided	Winter tyres	Space-saver wheel (*)
1.2 8V 69 HP 1.2 8V 69 HP LPG 1.0 FireFly 70HP	5.5J x 14H2 - ET35	175/65 R14 86T (**)	–	135/80 R14 84M
	6J x 15H2 - ET35 (****)	185/55 R15 82H (***)	–	135/80 R14 84M
	6,5J x 16H2 - ET35 (****)	195/45 R16 84H (*) (°) (°°)	–	–
1.2 8V 69 HP S&S	5.5J x 14H2 - ET35	175/65 R14 86T (**)	–	135/80 R14 84P
	6J x 15H2 - ET35 (****)	185/55 R15 82H (***)	–	135/80 R14 80P reinforced
0.9 TwinAir Turbo 85 HP	5.5J x 14H2 - ET35	175/65 R14 86T (**)	–	135/80 R14 84P
	6J x 15H2 - ET35 (****)	185/55 R15 82H (*) (***)	–	135/80 R14 80P reinforced 135/80 R14 84M
0.9 TwinAir Turbo Natural Power	6J x 15H2 - ET 35 (****)	175/65 R15 88T (***)	–	–
		175/65 R15 84H (***)		

(*) For versions/markets where provided.

(**) The tyre can be fitted with size 9 mm snow chains.

(***) The tyre can be fitted with size 7 mm snow chains.

(****) Alloy wheel rim.

(****) Alloy or aesthetic steel wheel rim.

(°) Not compatible with snow chains.

(°°) R16 rims and tyres can only be used on SPORT 1.2 8V 69 HP LPG versions. These versions do not have a space-saver wheel.



Panda 4x4 versions

Versions	Rims	Tyres provided	Winter tyres	Space-saver wheel (*)
0.9 TwinAir Turbo 85 HP	6J x 15H2 - ET35 (***)	175/65 R15 84H (**) 175/65 R15 88T (**)	–	125/80 R15 95M

(*) For versions/markets, where provided.
(**) The tyres can be fitted with size 7 mm snow chains.
(***) Aesthetic steel wheel rims are available.

Panda Cross 4x4 versions

Versions	Rims	Tyres provided	Winter tyres	Space-saver wheel (*)
0.9 TwinAir Turbo 85 HP	6J x 15H2 - ET30 (***)	175/65 R15 84H (**) 175/65 R15 88T (**)	–	125/80 R15 95M

(*) For versions/markets, where provided.

(**) The tyre can be fitted with size 7 mm snow chains.

(***) Aesthetic steel wheel rims are available.

NOTE For Panda Cross 4x4 and Panda 4x4 versions if the space-saver wheel is used, the control unit for 4x4 drive detects its presence (via the wheel speed signals) and reduces the intervention of the four-wheel drive to a minimum, while guaranteeing the agility of the vehicle. No fault/alarm signal is displayed on the instrument panel or on the display.



Panda Cross 4x2 versions

Versions	Rims	Tyres provided	Winter tyres	Space-saver wheel (*)
1.2 8V 69 HP S&S 1.0 FireFly 70HP	6J x 15H2 - ET35 (***)	175/65 R15 84H (**) 175/65 R15 88T (**)	–	125/80 R15 95M
1.2 8V 69 HP LPG	6J x 15H2 - ET35 (***)	185/55 R15 82H (**)	–	135/80 R14 84M
0.9 TwinAir Turbo 85 HP	6J x 15H2 - ET35 (***)	185/55 R15 82H (**)	–	135/80 R14 80P reinforced
	6J x 15H2 - ET30 (***)	185/55 R15 82H (**)	–	135/80 R14 84M
0.9 TwinAir Turbo Natural Power	6J x 15H2 - ET30 (***)	175/65 R15 84H (**)	–	–

(*) For versions/markets, where provided.

(**) The tyre can be fitted with size 7 mm snow chains.

(***) Aesthetic steel wheel rims are available.

COLD TYRE INFLATION PRESSURE (bar)

When the tires are warm, the inflation pressure should be + 0.3 bar in relation to the recommended figure. However, recheck that the value is correct with the tyre cold. With winter tyres, add +0.2 bar to the pressure value prescribed for standard tyres.

Panda versions

Tyres	Unladen/medium load		Full load		Space-saver spare wheel (*)
	Front	Rear	Front	Rear	
175/65 R15 88T (***)		2.1			–
175/65 R15 84H (***)					
175/65 R14 86T (***)	2.2		2.5	2.5	
185/55 R15 82H (***)		2.0 / 2.1(**)			2.8

(*) For versions/markets where provided

(**) Natural Power versions

(***) The indicated pressure is aimed at comfort. To privilege fuel efficiency, the inflation pressure can be increased to a maximum of 2.8 bar on the front tyres and up to 2.6 bar on the rear tyres.



Panda Cross 4x2 / Panda Cross 4x4 / Panda 4x4 versions

Tyres	Unladen/medium load		Full load		Space-saver wheel (°)
	Front	Rear	Front	Rear	
175/65 R15 84H (°°)	2.2	2.1	2.5	2.5	4.2
175/65 R15 88T (°°)	2.2	2.1	2.5	2.5	4.2
185/55 R15 82H (°°)	2.2	2.1	2.5	2.5	2.8

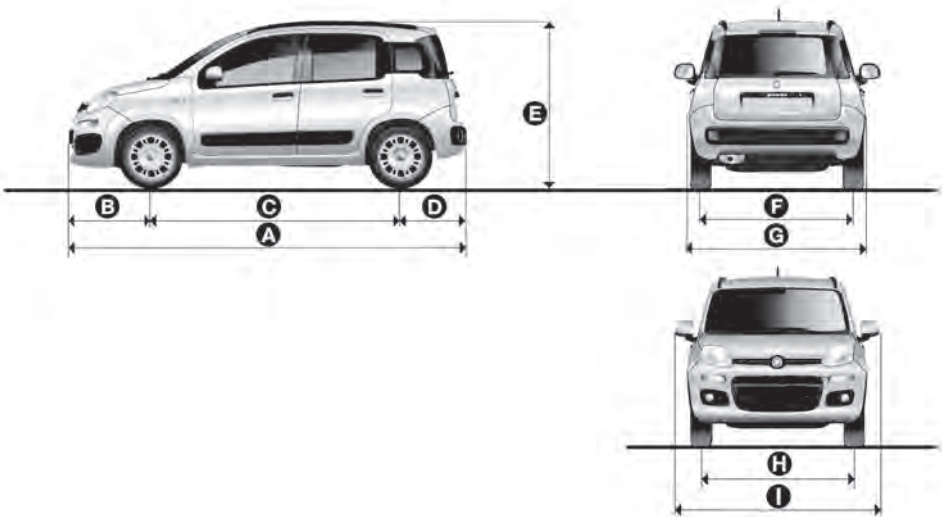
(°) For versions/markets, where provided
 (°°) The indicated pressure is aimed at comfort. To privilege fuel efficiency, the inflation pressure can be increased to a maximum of 2.8 bar on the front tyres and up to 2.7 bar on the rear tyres.
 NOTE For Panda Cross 4x4 and Panda 4x4 versions, do not drive deliberately for long distances with the tyres flat (not at the prescribed pressure) and/or with greatly varying pressures between front axle and rear axle, in order to avoid any malfunction of the 4x4 drive.

DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle equipped with its standard-supplied tyres. Height is measured with car unladen.

BOOT CAPACITY Capacity (VDA standards) =225 litres

Panda versions



143

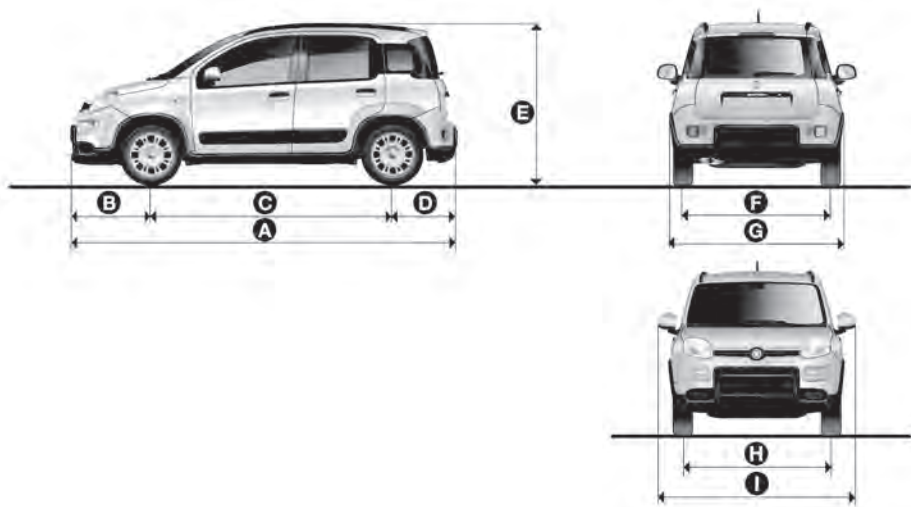
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A	B	C	D	E	F	G	H	I
3653	747	2300	606	1551 / 1605(*)	1407 / 1408 (*)	1643	1409 / 1414(*)	1882

(*) Natural Power versions.



Panda 4x4 versions



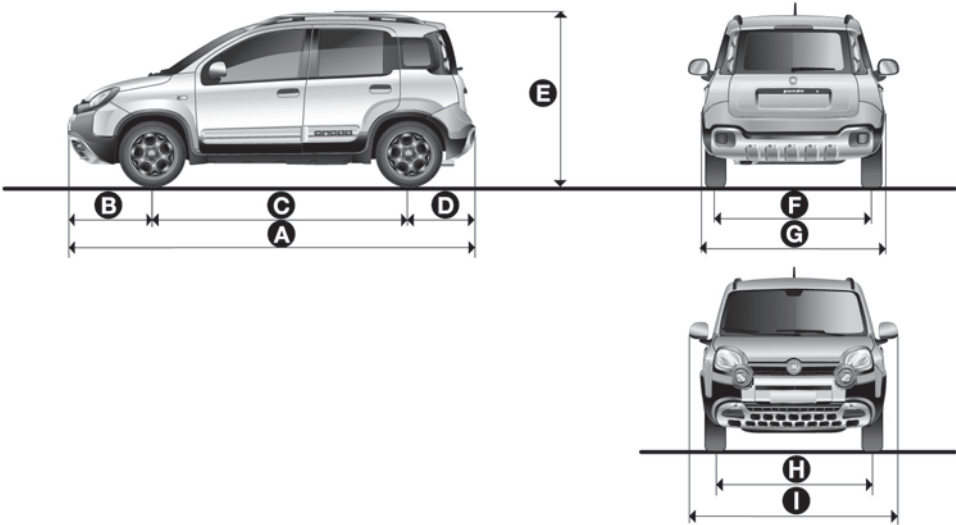
144

F1D0104

A	B	C	D	E	F	G	H	I
3686 / 3653(*)	765 / 747	2300	621 / 606 (*)	1605	1408	1672/1643(*)	1411	1882

(*) VAN versions.

Panda Cross versions



I45

F1D0121

A	B	C	D	E	F	G	H	I
3704	773	2298	633	1601/ 1611(**) 1570(*)/ 1572(**)(**)	1406 / 1412(*) – 1422(*)	1663	1403 / 1416(*) – 1426(*)	1882

(*) Panda Cross 4x2 versions
(**) With roof rack bars

WEIGHTS

Panda versions

Weights (kg)	1.2 8V 69 HP	1.2 8V 69 HP LPG	1.0 FireFly 70HP
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	980	1000	980
Payload including the driver: (*)	440 (4 seats) / 460 (5 seats)	420	440 (4 seats) / 460 (5 seats)
Maximum permitted loads (**)			
- front axle:	770	770	770
- rear axle:	760	760	760
- total:	1420 (4 seats) / 1440 (5 seats)	1420	1420 (4 seats) / 1440 (5 seats)
Towable loads			
- braked trailer:	(***)	(***)	(***)
- non-braked trailer:	(***)	(***)	(***)
Maximum load on roof:	60	60	60
Maximum load on ball joint (braked trailer):	(***)	(***)	(***)

(*) If special equipment is fitted (trailer towing device, etc.) the unladen car weight increases, thus reducing the specified payload in relation to the maximum permissible loads.

(**) Loads not to be exceeded. The user should carry goods in the luggage compartment and/on load carrying platform within the maximum permitted loads.

(***) **IMPORTANT A trailer cannot be towed so there are no provisions for fitting a tow hook.**

Weights (kg)	0.9 TwinAir Turbo 85 HP	0.9 TwinAir Turbo Natural Power
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	980	1080
Payload including the driver: (*)	475	460 (4 seats) / 470 (5 seats)
Maximum permitted loads (**)		
- front axle:	855	875
- rear axle:	760	810
- total:	1455	1540 (4 seats) / 1550 (5 seats)
Towable loads		
- braked trailer:	800	(***)
- non-braked trailer:	400	(***)
Maximum load on roof:	60	60
Maximum load on ball joint (braked trailer):	60	(***)

(*) If special equipment is fitted (trailer towing device, etc.) the unladen car weight increases, thus reducing the specified payload in relation to the maximum permissible loads.

(**) Loads not to be exceeded. The user should carry goods in the luggage compartment and/on load carrying platform within the maximum permitted loads.

(***) **IMPORTANT A trailer cannot be towed so there are no provisions for fitting a tow hook.**



Panda Cross and Panda 4x4 versions

Weights (kg)	0.9 TwinAir Turbo 85 HP	1.2 8V 69 HP	1.0 FireFly 70HP
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	980 (Panda Cross) / 1080 (Panda 4X4) / 1090 (Panda Cross 4X4)	1000	980
Payload including the driver: (*)	440 (4 seater Panda Cross 4X4) / 450 (4 seater Panda 4X4) / 495 (5 seater Panda Cross 4X4) / 475 (Panda Cross) / 470 (5 seater Panda 4X4)	455 (4 seats) / 475 (5 seats)	440 (4 seats) / 460 (5 seats)
Maximum permitted loads (**)			
- front axle:	855 (Panda Cross) / 875 (Panda 4x4 and Cross 4x4)	855	770
- rear axle:	760 (Panda Cross) / 810 (Panda 4x4 and Cross 4x4)	760	760
- total:	1455 (Panda Cross) / 1530 (4 seater Panda 4X4) / 1530 (4 seater Panda Cross 4X4) / 1550 (5 seater Panda 4X4) / 1585 (5 seater Panda Cross 4X4)	1455 (4 seats) / 1475 (5 seats)	1420 (4-seater) / 1440 (5-seater)
Towable loads			
- braked trailer:	800	(***)	(***)
- non-braked trailer:	400	(***)	(***)
Maximum load on roof:	60	60	60

Weights (kg)	0.9 TwinAir Turbo 85 HP	1.2 8V 69 HP	1.0 FireFly 70HP
Maximum load on ball joint (braked trailer):	60	(***)	(***)

(*) If special equipment is fitted (trailer towing device, etc.) the unladen car weight increases, thus reducing the specified payload in relation to the maximum permissible loads.

(**) Loads not to be exceeded. The user should carry goods in the luggage compartment and/on load carrying platform within the maximum permitted loads.

(***) **IMPORTANT A trailer cannot be towed so there are no provisions for fitting a tow hook.**



Panda VAN versions

Weights (kg)	0.9 TwinAir Turbo 85 HP 4x4	1.2 8V 69 HP	1.0 FireFly 70HP
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	1035	935 (2 seats) / 945 (4 seats)	935 (2 seats) / 945 (4 seats)
Payload including the driver: (*)	510	505 (2 seats) / 490 (4 seats)	505 (2 seats) / 490 (4 seats)
Maximum permitted loads (**)			–
- front axle:	875	770	770
– rear axle:	810	770 (2 seats) / 780 (4 seats)	770 (2 seats) / 780 (4 seats)
- total:	1545	1440 (2 seats) / 1435 (4 seats)	1440 (2 seats) / 1435 (4 seats)
Towable loads			–
- braked trailer:	800	(***)	(***)
– non-braked trailer:	400	(***)	(***)
Maximum load on roof:	60	60	60
Maximum load on ball joint (braked trailer):	60	(***)	(***)

(°) Versions with reduced capacity

(*) If special equipment is fitted (trailer towing device, etc.) the unladen car weight increases, thus reducing the specified payload in relation to the maximum permissible loads.

(**) Loads not to be exceeded. The user should carry goods in the luggage compartment and/on load carrying platform within the maximum permitted loads.

(***) **IMPORTANT A trailer cannot be towed so there are no provisions for fitting a tow hook.**

Weights (kg)	0.9 TwinAir Turbo Natural Power	1.2 8V 69 HP LPG
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	1075	975
Payload including the driver: (*)	420 (°) / 460	470
Maximum permitted loads (**)		
- front axle:	875	770
- rear axle:	810	770
- total:	1495 (°) / 1535	1445
Towable loads		
- braked trailer:	(***)	(***)
- non-braked trailer:	(***)	(***)
Maximum load on roof:	60	60
Maximum load on ball joint (braked trailer):	(***)	(***)

(°) Versions with reduced capacity.

(*) If special equipment is fitted (trailer towing device, etc.) the unladen car weight increases, thus reducing the specified payload in relation to the maximum permissible loads.

(**) Loads not to be exceeded. The user should carry goods in the luggage compartment and/on load carrying platform within the maximum permitted loads.

(***) **IMPORTANT A trailer cannot be towed so there are no provisions for fitting a tow hook.**



REFUELLING

	0.9 TwinAir Turbo	1.2 8V 69 HP Panda / Panda Cross 4x2	Prescribed fuels and original lubricants
Fuel tank (litres):	37	37	Unleaded petrol with RON no lower than 95 (EN228 specifications)
Including a reserve of (litres):	5 - 7	5 - 7	
Engine cooling system (litres):	5.2	4.6	50% mixture of distilled water and PARAFLU ^{UP} (**)
Engine sump (litres):	2.8	2.5	SELENIA DIGITEK P.E (0.9 TwinAir Turbo versions) / SELENIA ECO2 (1.2 8V 69 HP / 1.2 8V 69 HP LPG versions)
Engine sump and filter (litres):	3.2	2.8	
Gearbox casing/differential:	2.02 (kg) / 2.38 (litres) (***) 1.5 (kg) / 1.76 (litres) (****)	1.5 (kg) / 1.76 (litres)	TUTELA TRANSMISSION TECHNYX (0.9 TwinAir Turbo versions) / TUTELA TRANSMISSION GEARFORCE (1.2 8V 69 HP, 1.2 8V 69 HP LPG and 0.9 TwinAir Turbo Natural Power versions)
Rear differential (kg) (**):	0.62	–	TUTELA TRANSMISSION CROSS
Hydraulic brake circuit (litres):	0.55	0.55	TUTELA TOP 4/S
Windscreen and rear window washer fluid reservoir (litres):	2.7	2.7	Mixture of water and PETRONAS DURANCE SC35

(**) In particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% demineralised water.

(***) Panda Cross 4x4 and Panda 4x4 versions

(****) Panda 4x2 versions

	1.0 FireFly	Prescribed fuels and original lubricants
Fuel tank (litres):	35	Unleaded petrol with RON no lower than 95 (EN228 specifications)
Including a reserve of (litres):	5	
Engine cooling system (litres):	4.4	50% mixture of distilled water and PARAFLU ^{UP} (**)
Engine sump (litres):	2.2	SELENIA ECO2
Engine sump and filter (litres):	2.5	
Gearbox casing/differential:	1.65 kg/1.94 litres	TUTELA TRANSMISSION GEARFORCE
Hydraulic brake circuit (litres):	0.55	TUTELA TOP 4/S
Windscreen and rear window washer fluid reservoir (litres):	2.5	Mixture of water and PETRONAS DURANCE SC35

(**) In particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU^{UP} and 40% demineralised water.



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 Service Schedule. Constant use of the prescribed lubricants guarantees the fuel consumption and emission specifications. Lubricant quality is crucial for engine operation and duration. If lubricants conforming to the required specifications are not available, products that meet the indicated specifications can be used to top up; in this case optimal performance of the engine is not guaranteed.



Use	Features	Specification	Original fluids and lubricants	Replacement frequency
Lubricants for petrol engines 1.2 8V 69HP / 1.2 8V 69HP LPG / 1.0 FireFly 70HP	SAE 0W-20 ACEA C5	9.55535-DM1	SELENIA ECO2 Contractual Technical Reference N° F049.C18	According to Service Schedule
Lubricants for petrol engines 0.9 TwinAir Turbo / 0.9 TwinAir Turbo Natural Power	SAE 0W-30 ACEA C2 / API SN.	9.55535-GS1	SELENIA DIGITEK P.E. Contractual Technical Reference N° F020.B12	According to Service Schedule

Use	Features	Specification	Original fluids and lubricants	Applications
Lubricants and greases for drive transmission	SAE 75W-85 grade synthetic lubricant that exceeds API GL-4 Plus specifications.	9.55550-MX3	TUTELA TRANSMISSION TECHNYYX Contractual Technical Reference N° F010.B05	Manual transmission and differential (0.9 TwinAir Turbo versions)

Use	Features	Specification	Original fluids and lubricants	Applications
Lubricants and greases for drive transmission	SAE 75W grade synthetic lubricant, which exceeds API GL-4 specifications.	9.55550-MZ6	TUTELA TRANSMISSION GEARFORCE Contractual Technical Reference N° F002.F10	Mechanical transmission and differential (1.0 FireFly 70 HP, 1.2 8V 69 HP, 1.2 8V 69 HP LPG and 0.9 TwinAir Turbo Natural Power versions)
	SAE 75W- 85 grade synthetic lubricant, which exceeds API GL-5 specifications.	9.55550-DA4	TUTELA TRANSMISSION CROSS Contractual Technical Reference N° F001.D12	Rear differential (°)
	SAE 75W-85 grade synthetic lubricant, which exceeds API GL-5 specifications.	9.55550-DA3	TUTELA TRANSMISSION MULTIAxLE Contractual Technical Reference N° F426.E06	Drive transmission idler unit (PTU) (°)
	Molybdenum disulphide grease, for use at high temperatures. N.L.G.I. consistency 1-2.	9.55580 - GRASS II	TUTELA ALL STAR Contractual Technical Reference N° F702.G07	Wheel side constant velocity joints
	Low friction coefficient grease for constant velocity joints. N.L.G.I. consistency 0-1.	9.55580 - GRASS 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 no. 116 DOT 4, ISO 4925 SAE J1704.	9.55597 or MS.90039	TUTELA TOP 4/S Contractual Technical Reference N° F005.F15	Hydraulic brakes and hydraulic clutch controls



Use	Features	Specification	Original fluids and lubricants	Applications
Protective agent for radiators	Protective agent with antifreeze action with organic formulation. CUNA NC 956-16, ASTM D 3306 Specifications.	9.55523 or MS.90032	PARAFUUP (*) Contractual Technical Reference N° F101.M01	Cooling circuits proportions of use: 50% water 50% PARAFUUP (**)
Windscreen/rear window washer fluid	Mixture of spirits and surfactants. Exceeds CUNA NC 956- 11 specifications.	9.55522 or MS.90043	PETRONAS DURANCE SC35 Contractual Technical Reference N° F001.D16	To be used diluted or undiluted in windscreen washer/wiper systems

(*) Panda Cross 4x4 and Panda 4x4 versions.

(*) **IMPORTANT** Do not use fluids with different specifications for topping up or mixing.

(**) In particularly harsh weather conditions, we recommend using a 60% mixture of **PARAFUUP** and 40% demineralised water.



IMPORTANT

68) The use of products with different specifications than those indicated below could cause damage to the engine not covered by the warranty.

PERFORMANCE

Top speeds after the initial period of usage of the vehicle.

Versions	km/h
0.9 TwinAir Turbo 85 HP	177
0.9 TwinAir Turbo 85 HP 4x4	163(*)
0.9 TwinAir Turbo 85 HP Cross 4x4	164(*)
0.9 TwinAir Turbo Natural Power	162(**) (***) / 170(*) (****)
1.2 8V 69 HP	164 (**)
1.2 8V 69 HP LPG	164 (**)
1.2 8V 69 HP S&S Cross 4x2	155
1.0 FireFly 70 HP Cross 4x2	155
1.0 FireFly 70HP	164

(*) 5th gear

(**) 4th gear

(***) Running on CNG

(****) Running on petrol



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 car is registered.

The type of route, traffic conditions, weather conditions, driving style, general condition of the car, trim level/equipment/accessories, use of the climate control system, car load, presence of roof racks and other situations that adversely affect the aerodynamics or wind resistance lead to different fuel consumption values than those measured. The fuel consumption will only become more regular after driving the first 3000 km.

To find the specific fuel consumption and CO₂ emission figures for this car, please refer to the data in the Certificate of Conformity, and the related documentation that accompanies the car.

PRESCRIPTIONS FOR HANDLING THE CAR AT THE END OF ITS LIFE

(Where provided)

FCA has been committed for many years to safeguarding the environment through the constant improvement of its production processes and manufacturing products that are increasingly "eco-compatible". To provide the best possible service in terms of compliance with environmental laws and European Directive 2000/53/EC governing cars at the end of their life, FCA is offering its customers the chance to hand over their car at the end of its life without incurring any additional costs. The European Directive specifies that when the car is handed over, the last keeper or owner should not incur any expenses as a result of it having a zero or negative market value.

To hand your car over at the end of its life without extra cost, contact one of our dealerships if you are purchasing another car, or a collection and scrapping centre authorised by FCA. These centres have been carefully chosen to offer a high quality service for the collection, treatment and recycling of cars at their end of life while respecting the environment.

Similarly, to meet its obligations under European Directive 2006/66/EC on batteries, FCA requires you to comply with the national regulations on handling both low-voltage and high-voltage lithium ion batteries (12 V and 48 V) at all times. This includes consigning cars complete with their batteries to one of the collection and demolition centres authorised by FCA to handle such batteries, and not disposing of them improperly, which could lead to personal injuries and/or harm to the environment.

You can find further information on these collection and scrapping centres either from an FCA dealership or by calling the number in the Warranty Booklet or by consulting the websites of the various FCA brands.





This section describes the main functions of the Radio, Uconnect Bluetooth and Uconnect Mobile systems which can be fitted on the vehicle.

MULTIMEDIA

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TIPS, CONTROLS AND GENERAL INFO

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The Radio, Uconnect Bluetooth and Uconnect Mobile systems were designed according to the specific characteristics of the passenger compartment, with a customised design that perfectly matches the style of the dashboard.

The instructions for use are given below and we recommend you to read them carefully.

TIPS

Familiarise yourself with the various functions of the Radio and Uconnect systems (for example, by storing the stations) before starting to drive.

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

Observe the following precautions to ensure the system is fully operational:

- ❑ the display lens should not come into contact with pointed or rigid objects which could damage its surface; use a soft, dry anti-static cloth to clean and do not press.
- ❑ do not use alcohol, petrol and derived products them to clean the display lens and make sure that the **Uconnect™** system is switched off during cleaning.
- ❑ prevent any liquid from entering the system: this could damage it beyond repair.

ANTI-THEFT PROTECTION

The Radio and Uconnect systems are equipped with an anti-theft protection system based on an exchange of information between them and the electronic control unit (Body Computer) on the vehicle.

This system guarantees maximum safety and prevents the secret code from being entered each time the Radio and Uconnect system power supply is disconnected.

If the check has a positive outcome, the Radio and Uconnect systems will start to operate, whereas if the comparison codes are not the same

or if the electronic control unit (Body Computer) is replaced, the device will ask the user to enter the secret code according to the procedure described in the paragraph below.

Entering the secret code

When the Radio and Uconnect systems is switched on, if the password is requested, the display will show "Radio code" for about 2 seconds, followed by four dashes "- - - -".

The secret code is made up of four digits from 1 to 6, each corresponding to one of the dashes.

To enter the first digit of the code, press the button corresponding to the pre-selected stations (from 1 to 6). Enter the other code digits in the same way.

If the four digits are not entered within 20 seconds, the display shows the text "Enter code - - - -". If this occurs, it is not considered an incorrect code entry. After entering the fourth digit (within 20 seconds), Radio and Uconnect system will start to operate.

If an incorrect code is entered, the Radio and Uconnect system will emit a sound and the display shows the text "Radio blocked/wait" to notify the user of the need to enter the correct code. Each time the user enters an incorrect code, the waiting time will gradually



increase (1 min, 2 min, 4 min, 8 min, 16 min, 30 min, 1h, 2h, 4h, 8h, 16h, 24h) up to a maximum of 24 hours.

The waiting time will be shown on the display with the words "Radio blocked/wait". After the text has disappeared it is possible to start the code entering procedure again.

Vehicle radio passport

This document certifies ownership of the Radio and Uconnect system. The radio passport shows Radio and Uconnect system model, serial number and secret code.

WARNING Keep the radio passport in a safe place so that you can give the information to the relevant authorities if the Radio or Uconnect system is stolen.

In the case of loss of the vehicle radio passport, contact the Fiat Dealership, taking an ID document and the vehicle ownership documents.



WARNING

187) *If the volume is too loud this could be dangerous for the driver and for passengers when driving in traffic. Always adjust the volume so that you can still hear background noises.*

188) *The use of some of the system's features whilst driving can divert attention away from the road, with the risk of causing accidents or other serious consequences; therefore they must only be used when the driving conditions allow and, where necessary, only when the vehicle is stationary.*

189) *Read and follow these instructions: before using your system, read and follow all the safety information and instructions in this manual. Failure to observe the precautions found in this manual may lead to an accident or other serious consequences.*

190) *Keep the manual in the car: if it is kept in the car, the manual will become something quick and easy to consult for those not familiar with the system. Ensure that everyone has access to the manual and reads the instructions and the safety information carefully before using the system for the first time.*

191) *Warning: looking at the system when driving can divert attention from the road, with the risk of accidents or other serious consequences. Do not change system settings or enter data non-verbally (using the manual controls) while driving. Stop the vehicle in a safe and legal manner before carrying out these operations. Adopting these precautions is important since setting or changing some functions might require the driver to be distracted away from the road and remove his or her hands from the steering wheel.*

192) *Voice commands: the system functions can be carried out using only voice commands. The use of voice commands when driving allows you to*

manage the system without taking your hands off the steering wheel.

193) *Looking at the display for a long time: while driving, do not use any function that requires looking at the display for a long time. Pull over in a safe and legal manner before attempting to access a function of the system that requires prolonged attention. Even occasional short glances at the display may be hazardous if your attention is diverted from driving at a critical moment.*

194) *Setting the volume: do not turn the volume up too high. Keep the volume at a level where you can still hear outside traffic and emergency signals while driving. Driving while unable to hear these sounds may cause an accident.*

195) *Using the voice recognition: the voice recognition software is based on a statistical process that is subject to error. It is your responsibility to monitor voice recognition functions included in the system and address any errors.*

196) *Danger of distraction: the functions may require manual settings (not using voice commands). Attempting to perform such setup or insert data while driving can seriously distract your attention and could cause an accident or other serious consequences. Stop the vehicle in a safe and legal manner before carrying out these operations.*

RADIO - UCONNECT BLUETOOTH

QUICK REFERENCE GUIDE



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F1D1029



General functions

Button	Functions	Mode
	Ignition	short button press
	Switching off	long button press
	Volume adjustment	turn knob
RADIO	Select radio source FM, AM	short cyclical button press
ABC – 1 2 3 4 5 6	Select preset ranges	short cyclical button press
MEDIA	Select Audio Bluetooth® (for versions/markets, where provided), USB (for versions/markets, where provided)	short cyclical button press
 (Play/Pause)	Activate Play/Pause for the Media source Activate Mute for the Radio source	Short button press
	Audio adjustments: low tones (BASS), high tones (TREBLE), RH/LH balance (BALANCE), front/rear balance (FADER) (for versions/markets, where provided)	Menu activation: short button press. Adjustment type selection: press buttons ▲ or ▼. Value adjustment: press ◀ or ▶ buttons.
MENU	Advanced functions adjustment	Menu activation: short button press. Adjustment type selection: press buttons ▲ or ▼. Value adjustment: press ◀ or ▶ buttons.

Radio functions

Button	Functions	Mode
▲ ▼ ◀ ▶	Radio station search: ☐ Automatic search ☐ Manual search	Automatic search: press buttons ◀ or ▶ (hold the button down for fast forward). Manual search: press buttons ▲ or ▼ (hold the button down for fast forward).
1 2 3 4 5 6	Store current radio station	Long button press for memory preset from 1 to 6
	Stored station recall	Brief button press for memory preset from 1 to 6

USB functions

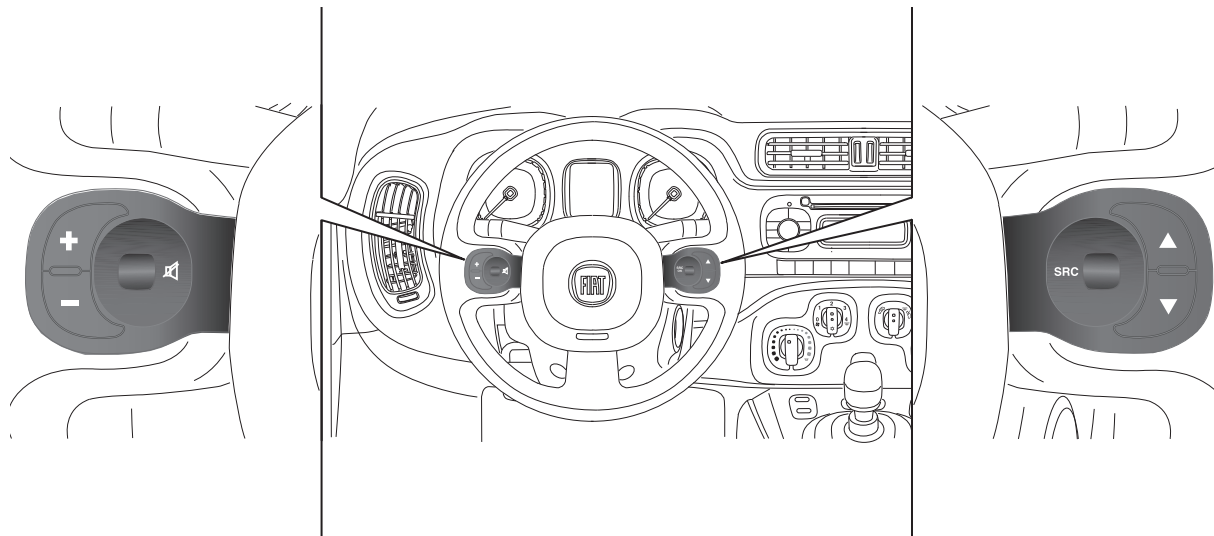
(for versions/markets, where provided)

Input	Function
	USB socket for playing multimedia files on flash drive or connectable device.



CONTROLS ON THE STEERING WHEEL

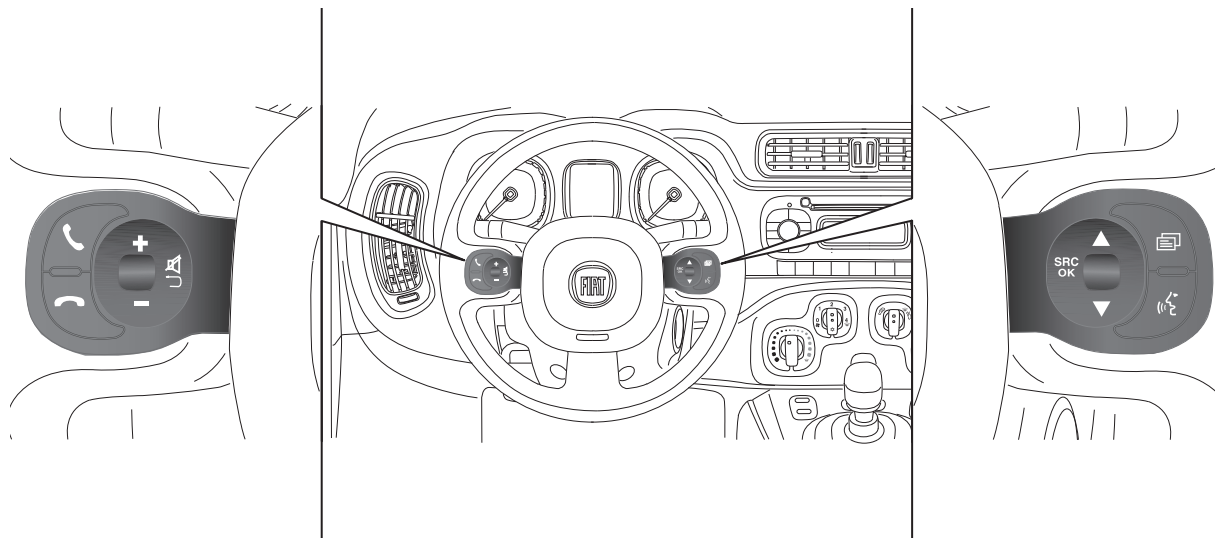
Radio



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Uconnect Bluetooth



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Button	Functions	Mode
 /  (*)	☐ Enable/disable Audio Mute ☐ Return to the previous menu mode function	Short button press
 (*)	Enable/disable Audio Mute	Short button press
+	Increasing volume	Button press
-	Decreasing volume	Button press
SRC	Select sources: FM, AM, Audio Bluetooth® (*) and USB (*)	Button press
	Radio: automatic search for the next tunable broadcaster - USB (*) source: selecting the next track	Button press
	Radio: automatic search for the previous tunable broadcaster - USB (*) source: selecting the previous track	Button press

(*) For versions/markets where provided

Multimedia support function

Button	Functions
	☐ Accept an incoming phone call
	☐ End the phone call in progress ☐ Reject an incoming phone call
	Deactivate a voice recognition ☐ Activate/deactivate Audio Mute ☐ Interrupt the reading of an SMS message ☐ Exit from the Main Menu of Bluetooth® (*) ☐ Exit from a submenu and return to previous menu option ☐ Exit from the current menu option without saving ☐ Deactivate/reactivate the microphone during a phone conversation ☐ Mute the volume of the call tone for incoming phone calls
	Activate/deactivate Audio Mute
	☐ Activation of voice recognition ☐ Interruption of the voice message in order to give a new voice command
	☐ Adjust the audio volume of all functions: hands-free, text message reader, multimedia supports, voice messages, Radio, USB (*), depending on the active source
	☐ Scroll through Menu items on the panel ☐ Select multimedia support tracks ☐ Scroll through SMS messages in the list
	☐ Access to the radio menu displayed on the instrument panel
SRC/OK(*)	☐ Confirm manually selected menu option ☐ Select sources: FM, AM, AUDIO Bluetooth® (*) and USB (*) ☐ Select the SMS message on the instrument panel

(*) For versions/markets where provided

The functions of the steering wheel controls are activated when the button is released.



GENERAL INFORMATION

The Radio and Uconnect Mobile system has the following functions:

Radio section

- ❑ PLL tuning with FM/AM frequency bands;
- ❑ RDS (Radio Data System) with TA (traffic alerts) function - TP (traffic programmes) - EON (Enhanced Other Network) - REG (regional programmes);
- ❑ AF: search selection for alternative frequencies in RDS mode;
- ❑ automatic/manual tuning into stations;
- ❑ FM Multipath detector;
- ❑ manual storing of 36 or 54 stations: 18 in the FM band (6 in FM-A, 6 in FM-B and 6 in FM-C) and 18 in AM (6 in AM-A, 6 in AM-B and 6 in AM-C);
- ❑ SPEED VOLUME function: automatic volume adjustment in function of the speed of the vehicle;
- ❑ automatic Stereo/Mono selection.

Audio section

- ❑ Mute function;
- ❑ Soft-Mute function;
- ❑ Loudness function
- ❑ 7-band graphic equaliser;
- ❑ Separate bass/treble adjustment
- ❑ Right/left channel balance.

Bluetooth®

For the **Bluetooth®** function, see the description in the dedicated paragraph.

USB section

(for versions/markets, where provided)
For the USB function, see the description in the dedicated paragraph.

FUNCTIONS AND ADJUSTMENTS

Ignition

Press the  (ON/OFF) button briefly to switch the Radio and Uconnect Bluetooth system on.

If the Radio and Uconnect Bluetooth system is switched on when the key is removed from the ignition, it will switch off automatically after about 20 minutes (if this time has been set). After the Radio and Uconnect Bluetooth system has switched off automatically it can be switched on for a further 20 minutes by pressing the  button (ON/OFF).

Switching off

Long press on button  (ON/OFF).

Volume adjustment

To adjust the volume, turn the twist control .

If the volume level is changed during the transmission of traffic news, the new setting will only be maintained until the news is finished.

Mute function

Press  (Version the  /  button on the steering wheel (for versions/markets, where provided)

to activate the Mute function. In the Radio source, the word "MUTE" will appear, associated with the active source. Press the  /  button on the steering wheel again to deactivate the Mute function (for versions/markets, where provided).

Audio settings

The functions that can be selected from the audio menu change depending on the context: AM/FM/USB (for versions/markets, where provided)/**Bluetooth®** (for versions/markets, where provided).

Press the AUDIO button briefly to change the Audio functions. After the AUDIO button is first pressed, the display will show the bass level value for the source activated at that time (e.g. in FM mode the display will show the wording "FM Bass +2"). Use the  or  buttons to scroll through the menu functions. To change the setting of the function selected use the  or  buttons.

The current status of the selected function appears on the display.

The functions managed by the Menu are:

- ❑ BASS: adjustment of bass tones;
- ❑ TREBLE: adjustment of high tones;

- ❑ **BALANCE:** right/left balance adjustment;
- ❑ **FADER:** front/back balance adjustment (for versions/markets, where provided);
- ❑ **LOUDNESS:** activation/ deactivation of the increase of bass and high tones;
- ❑ **EQUALISER:** activation and selection of factory-set equaliser levels;
- ❑ **MY EQ:** customised equaliser setting.

MENU

MENU button functions

Press the button MENU briefly to activate the Menu function. Use the ▲ or ▼ buttons to scroll through the menu functions. To change the setting of the function selected use the ◀ or ▶ buttons.

The functions managed by the Menu are:

- ❑ **AF SWITCHING:** automatic activation/ deactivation of the selection of the station with the strongest signal that transmits the same programme.
- ❑ **TRAFFIC INFORMATION:** activation/deactivation of traffic information.
- ❑ **REGIONAL MODE** regional programmes (ON/OFF).
- ❑ **SPEED VOLUME:** speed-dependent automatic volume control.

- ❑ **RADIO ON VOLUME:** radio maximum limit on/off.
- ❑ **RADIO OFF:** switching-off mode.
- ❑ **SYSTEM RESET:** this function is used to restore all settings to their preset factory values.

NOTE Traffic information is enabled only if tuned to the station broadcasting the announcement.

Press the button MENU again to exit the Menu function.

NOTE AF SWITCHING, TRAFFIC INFORMATION and REGIONAL MODE adjustments are only possible on FM.

RADIO (Tuner)

To select the Radio function while listening to another audio source, briefly press the RADIO button several times to select the desired band, FM or AM.

Once the Radio mode has been activated, the display will show the name (only RDS stations) and the frequency of the selected radio station, the frequency band selected (e.g. FMA) and the preselect button number (e.g. P1).

Each time the button is pressed, the FM and AM bands are selected cyclically.

Preset buttons

The buttons numbered from 1 to 6 are used to set the following preset stations:

- ❑ 18 in the FM band (6 in FM-A, 6 in FM-B and 6 in FM-C);
- ❑ 18 in the AM band (6 in AM-A, 6 in AM-B and 6 in AM-C).

To listen to a preset station, select the desired frequency band with the RADIO button, briefly press ABC button to select the preset band (A, B or C), and then briefly press the corresponding preset button (from 1 to 6).

By pressing the preset button for more than 2 seconds, the tuned station will be stored. The storing phase is confirmed by an acoustic signal.

Automatic tuning

Briefly press the ◀ or ▶ button to start the automatic tuning search for the next station that can be received in the selected direction.

Manual tuning

Select the desired frequency band and then press the ▲ or ▼ button briefly and repeatedly to start to the search in the desired direction. If the ▲ or ▼ buttons are pressed longer, the fast search will start and then stop when the button is released.



USB MODE

(for versions/markets, where provided)

To activate USB mode, insert the corresponding device (USB stick or other device) into the USB port on the front panel of the Radio and Uconnect Bluetooth system. If a USB device is inserted with the system on, it will start playing the tracks found on the device.

NOTE The Radio and Uconnect Bluetooth system may not support some USB keys Mobile: in this case, it will not automatically switch from "Radio" operation to "Media" operation. If the device used does not play, verify its compatibility by selecting the Media Function: a dedicated message will appear on the Radio and Uconnect Bluetooth system display.

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

NOTE The USB ports handle data transmission from the Pen Drive/Smartphone, etc. and slow recharging of an external device, which

is not guaranteed as it depends on the device type/brand.

NOTE For radio versions without **Bluetooth®** connectivity, playback via USB connection is not available for Apple devices. Only conventional battery recharging is provided for these devices.

BLUETOOTH®

(for versions/markets, where provided)

Bluetooth® technology allows you to use your mobile phone through the car's hands-free system, without the need for wires. A mobile phone with **Bluetooth®** is required to use the hands-free system. To consult the list of compatible phones, see the site: www.mopar.eu/owner.

The hands-free function allows the following operations to be performed:

- ❑ Calling a telephone number by voice command: you can dial a telephone number by stating the numbers out loud.
- ❑ Calling someone in the phonebook using voice commands: you can call someone in your mobile phonebook using your voice. You can also call someone in your phonebook by selecting from the contacts that appear on the display of the instrument panel. (This function requires your phone

directory to have been copied onto the vehicle hands-free system).

❑ Accepting a call: you can accept an incoming call by pressing the button  on the steering wheel.

❑ Rejecting a call: you can reject a call with a long press of the button  on the steering wheel.

NOTE The phonebook is only available after you have completely downloaded the contents of your phone to the radio system (the phonebook is downloaded not only when the phone is first paired to the radios system, but also at every new car key on (MAR) / key off (STOP) if the contacts have been changed).

SMS Message Reader

(available only with mobile phones that support this function)

The SMS message reader makes it possible to:

- ❑ Be informed, by means of a message on the instrument panel display, of the reception a new SMS message on your mobile phone with **Bluetooth®** technology; the number/name of the sender is displayed and the system will also ask whether to read the message to you.
- ❑ Manage the list of messages received on your mobile phone only during connection with the active system.

Quick guide to the SMS message reader

(only for mobile phones that support this function)

If your **Bluetooth®** phone supports this function, when you receive a new SMS message, the system alerts you with an acoustic signal and asks you if you want to read it.

☐ Say "Yes" or press the  button or **SRC/OK** (for versions/markets, where provided). The system will read the last message received;

☐ Say "NO" or press the  /  button. The system will store the message which you can read later, as long as the phone is connected to the system. To get to know all the functions and ways of using the text message reader, refer to the "Text message reader functions" paragraph in this section.

MULTIMEDIA FUNCTIONS

The **MEDIA** menu allows you to view and play the tracks stored on a USB/Audio **Bluetooth®** source (for versions/markets, where provided).

It is recommended to load only unprotected music files, with supported extensions. If the USB device contains other formats (e.g. .exe, .cab, .inf, etc.), problems might arise during playing of tracks.

WARNING Do not play test audio/musical files since they could damage the components installed in the car.

To connect your UBS device to the system, proceed as follows:

☐ Connect the device to the USB port on the front;

☐ Turn the ignition key to MAR. The system will automatically start playing your digital tracks, selecting them from a library that is created the moment the USB device is connected.

When the creation of the multimedia library is over, it is possible to use the system to display and select the tracks present and to activate playing.

Managing the multimedia library

With the MEDIA function you can select the digital audio on your USB device, using voice recognition or the steering wheel controls.

Tracks may be selected by folder, artist, musical genre, album and playlist.

Activate the Main Menu from the steering wheel controls on the instrument panel display, select the BROWSE USB option and then press **SRC/OK** (for versions/markets, where provided).

Select one of the following items:

- ☐ FOLDERS
- ☐ ARTISTS
- ☐ GENRES
- ☐ ALBUMS
- ☐ PLAYLISTS

and press **SRC/OK**.

☐ select "PLAY ALL" and confirm with **SRC/OK** (for versions/markets, where provided);

☐ select the item chosen and confirm with **SRC/OK** (for versions/markets, where provided);

It is also possible to access the same functions with the voice commands:

☐ press the button on the steering wheel  and say "BROWSE USB";

☐ say one of the available options: "FOLDERS", "ARTISTS", "GENRES", "ALBUMS", "PLAYLISTS";

☐ select "PLAY ALL" and confirm with **SRC/OK** (for versions/markets, where provided);

☐ select the item chosen and confirm with **SRC/OK** (for versions/markets, where provided).

Pause

To pause the track you are listening to: press the  button on the front panel of the Radio. To resume listening to a track that you have paused: press the  button on the front panel of the Radio.



Stop

To stop playing a track: say "Stop". To resume, say "Play".

NOTE the "Play" command is only available if you paused playback using the "Stop" command.

Next track

To skip to the next track using manual interaction: while listening to a digital track, press ▲ (steering wheel controls) or ▼ (front panel controls) (where provided).

Previous track

To return to the previous track using manual interaction: while listening to a digital track, press ◀ (steering wheel controls) or ▶ (front panel controls) (where provided).

Change audio source

To change the active audio source between Radio, USB (for versions/markets, where provided), Tuner, Audio **Bluetooth®** (for versions/markets, where provided), press the **SRC/OK** button (for versions/markets, where provided) or **MEDIA** on the front panel of the Radio, or say "Select USB, Radio, Audio **Bluetooth®** source".

NOTE While playing **Bluetooth®** audio, there could be some incorrect displays related to the phone. This is

not due to the radio, but depends on the information sent by the phone.

BLUETOOTH® DEVICE

(for versions/markets, where provided)

IMPORTANT NOTES

- Access to the phonebook copied onto the system is possible only when the mobile phone from which it has been copied is connected.
- The names stored on the SIM card or in your mobile phone memory can be transferred to the system in different ways, depending on the model of mobile phone.

Getting to know the voice commands

When talking to the system, you can always use the voice command "Help" to obtain detailed instructions on the voice commands available for each interactive stage.

Pairing a Bluetooth® device

NOTE Only do this when the car is stationary.

To pair your mobile phone with the system, proceed as follows.

Manual procedure:

- Activate the Main Menu by pressing the **MENU** button;
 - select the **SETTINGS** option, then the "Pairing" option.
- Voice procedure:

- Press  and say "Settings". Then, at the end of the message, say "Pairing".

- The system will show a PIN number on the display to be used for pairing.

- Using the search function of the **Bluetooth®** devices of your phone, search for the "Radio BT" device.

- When prompted, enter the PIN code displayed on the instrument panel using your mobile phone keypad. If the registration is successful, the system will say "Connecting" and at the end the display will show, as confirmation, details of the mobile phone registered.

Once the device has been paired, if the function is supported by the phone, the system automatically asks to download the phonebook onto the Radio.

NOTE 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.

Making a phone call

- Press the steering wheel control  and say "Call" and the name of the contact in the phonebook.

❑ If the name is recognised, the system will display the information for the contact on the display.

❑ The system will ask you to confirm your request. To make the call, say "Yes"; otherwise, say "No".

Alternatively, it is possible to call a number that is not in the phonebook by saying the number one figure at a time.

Managing an incoming call

When a call is received, the system will display the caller's ID, where available.

The incoming call will be signalled by your mobile phone's personalised ringtones (the availability of this function depends on the specific features of your phone).

Answering a call:

- ❑ To answer the call, press .
- ❑ To end the call, press  for more than 1 second.
- ❑ To reject a call: press .
- ❑ To ignore a call and not hear the ring tone, press  /  (for versions/markets, where provided).

Putting a phone call on HOLD

To place a call in progress on HOLD and disable the microphone in order to be able to talk without being heard by the person you are talking to press  /  (for versions/markets, where provided).

VOICE CONTROLS

Global commands

- ❑ SELECT MEDIA SOURCE;
- ❑ SELECT RADIO SOURCE;
- ❑ SELECT PHONE SOURCE;
- ❑ CALL or DIAL;
- ❑ READ MESSAGE;
- ❑ SETTINGS;
- ❑ HELP;
- ❑ CANCEL;
- ❑ REPEAT.

Phone commands

- ❑ DIAL;
- ❑ CALL (followed by name);
- ❑ CALL (followed by number);
- ❑ CALL BACK;
- ❑ READ LAST.

Audio Bluetooth®/USB Commands

(for versions/markets, where provided)

- ❑ PLAY;
- ❑ PAUSE;
- ❑ STOP.

Radio

- ❑ SELECT BAND "FM" or "AM".

NOTE We recommend not directing the central air vents towards the microphone as the noise of the air on the microphone (fig. 151) could worsen voice command performance.



UCONNECT MOBILE

QUICK REFERENCE GUIDE



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General functions

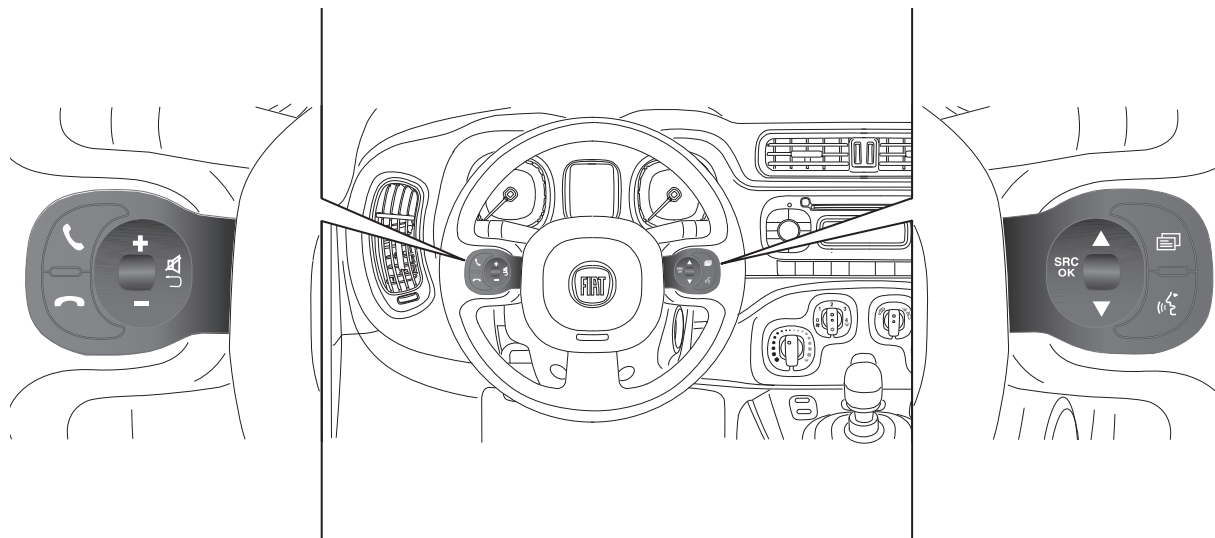
Button	Functions	Mode
	Ignition	short button press
	Switching off	long button press
	Volume adjustment	turn knob
RADIO	Select radio source FM, AM, DAB (for versions/markets, where provided)	short cyclical button press
ABC – 1 2 3 4 5 6	Select preset ranges	short cyclical button press
MEDIA	Select Bluetooth® Audio, USB	short cyclical button press
 (Play/Pause)	Activate Play/Pause for the Media source Activate Mute for the Radio source	Short button press
	Audio adjustments: low tones (BASS), high tones (TREBLE), RH/LH balance (BALANCE), front/rear balance (FADER) (where provided)	Menu activation: short button press. Adjustment type selection: press buttons ▲ or ▼. Value adjustment: press ◀ or ▶ buttons.
MENU	Advanced functions adjustment	Menu activation: short button press. Adjustment type selection: press buttons ▲ or ▼. Value adjustment: press ◀ or ▶ buttons.



Radio functions

Button	Functions	Mode
▲ ▼ ▶ ▶	Radio station search: ☐ Automatic search ☐ Manual search	Automatic search: press buttons ◀ or ▶ (hold the button down for fast forward). Manual search: press buttons ▲ or ▼ (hold the button down for fast forward).
1 2 3 4 5 6	Store current radio station Stored station recall	Long button press for memory preset from 1 to 6 Brief button press for memory preset from 1 to 6

CONTROLS ON THE STEERING WHEEL



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Button	Functions	Mode
 / 	☐ Enable/disable Audio Mute ☐ Return to the previous menu mode function	Short button press
+	Increasing volume	Button press
-	Decreasing volume	Button press
SRC	Select sources FM, AM, DAB (for versions/markets, where provided), Bluetooth® Audio and USB	Button press
	Radio: automatic search for the next tunable broadcaster - USB source: selecting the next track	Button press
	Radio: automatic search for the previous tunable broadcaster - USB source: selecting the previous track	Button press

Multimedia support function

Button	Functions
	☐ Accept an incoming phone call
	☐ End the phone call in progress ☐ Reject an incoming phone call
	Deactivate a voice recognition ☐ Activate/deactivate Audio Mute ☐ Interrupt the reading of an SMS message ☐ Exit from the Main Menu of Bluetooth® ☐ Exit from a submenu and return to previous menu option ☐ Exit from the current menu option without saving ☐ Deactivate/reactivate the microphone during a phone conversation ☐ Mute the volume of the call tone for incoming phone calls
	☐ Activation of voice recognition ☐ Interruption of the voice message in order to give a new voice command
	☐ Adjust the audio volume of all functions: hands-free, text message reader, multimedia supports, voice messages, Radio, USB, depending on the active source
	☐ Scroll through Menu items on the panel ☐ Select multimedia support tracks ☐ Scroll through SMS messages in the list
	☐ Access to the radio menu displayed on the instrument panel
SRC/OK	☐ Confirm manually selected menu option ☐ Select sources: FM, AM, DAB (where provided), Bluetooth® AUDIO and USB ☐ Select the SMS message on the instrument panel

The functions of the steering wheel controls are activated when the button is released.



GENERAL INFORMATION

The Uconnect Mobile system has the following functions:

Radio section

- ❑ PLL tuning with FM/AM/MW frequency bands (where present);
- ❑ RDS (Radio Data System) with TA (traffic alerts) function - TP (traffic programmes) - EON (Enhanced Other Network) - REG (regional programmes);
- ❑ AF: search selection for alternative frequencies in RDS mode;
- ❑ automatic/manual tuning into stations;
- ❑ FM Multipath detector;
- ❑ manual storing of 36 or 54 stations: 18 in the FM band (6 in FM-A, 6 in FM-B and 6 in FM-C) and 18 in AM (6 in AM-A, 6 in AM-B and 6 in AM-C) and 18 in DAB (where present);
- ❑ SPEED VOLUME function: automatic volume adjustment in function of the speed of the vehicle;
- ❑ automatic Stereo/Mono selection.

Audio section

- ❑ Mute function;
- ❑ Soft-Mute function;
- ❑ Loudness function
- ❑ 7-band graphic equaliser;
- ❑ Separate bass/treble adjustment
- ❑ Right/left channel balance.

Bluetooth®

For the **Bluetooth®** function, see the description in the dedicated paragraph.

USB section

For the USB function, see the description in the dedicated paragraph.

FUNCTIONS AND ADJUSTMENTS

Ignition

Press the  (ON/OFF) button briefly to switch the Uconnect Mobile system. If the Uconnect Mobile system comes on when the key is removed from the ignition device, it will switch off automatically after about 20 minutes (if this time has been set). After the Uconnect Mobile system has switched off automatically it can be switched on for a further 20 minutes by pressing the  button (ON/OFF).

Switching off

Long press on button  (ON/OFF).

Volume adjustment

To adjust the volume, turn the twist control .

If the volume level is changed during the transmission of traffic news, the new setting will only be maintained until the news is finished.

Mute function

Press the  /  button on the steering wheel to activate the Mute function. In the Radio source, the word "MUTE" will appear, associated with the active source. Press the  / 

button on the steering wheel again to deactivate the Mute function.

Audio settings

The functions that can be selected from the audio menu change depending on the context: AM/FM and DAB (where provided)/USB/**Bluetooth®**.

Press the AUDIO button briefly to change the Audio functions. After the AUDIO button is first pressed, the display will show the bass level value for the source activated at that time (e.g. in FM mode the display will show the wording "FM Bass +2"). Use the  or  buttons to scroll through the menu functions. To change the setting of the function selected use the  or  buttons.

The current status of the selected function appears on the display.

The functions managed by the Menu are:

- ❑ BASS: adjustment of bass tones;
- ❑ TREBLE: adjustment of high tones;
- ❑ BALANCE: right/left balance adjustment;
- ❑ FADER: front/back balance adjustment (where provided);
- ❑ LOUDNESS: activation/ deactivation of the increase of bass and high tones;

- ❑ **EQUALISER:** activation and selection of factory-set equaliser levels;
- ❑ **MY EQ:** customised equaliser setting.

MENU

MENU button functions

Press the button MENU briefly to activate the Menu function. Use the ▲ or ▼ buttons to scroll through the menu functions. To change the setting of the function selected use the ◀ or ▶ buttons.

The functions managed by the Menu are:

- ❑ **AF SWITCHING:** automatic activation/ deactivation of the selection of the station with the strongest signal that transmits the same programme.

NOTE FM following in DAB (where provided; the radio switches automatically to FM in case of low DAB signal and back to DAB as soon as the signal is available) is enabled by enabling AF.

- ❑ **TRAFFIC INFORMATION:** activation/deactivation of traffic information.

NOTE Traffic information is enabled only if tuned to the station broadcasting the announcement.

- ❑ **DAB INFO CATEGORIES** (only enabled for DAB sources): single category enable/disable (Financial,

News flash, Program info, Spec event, Sport report, Warning, Weather).

- ❑ **REGIONAL MODE:** activation/ deactivation of regional programmes.
- ❑ **MP3 DISPLAY:** MP3 display setting.
- ❑ **SPEED VOLUME:** speed-dependent automatic volume control.
- ❑ **RADIO ON VOLUME:** maximum radio volume limit activation/ deactivation.
- ❑ **RADIO OFF:** off mode selection.
- ❑ **SYSTEM RESET:** reset of factory settings.

Press the button MENU again to exit the Menu function.

NOTE AF SWITCHING, TRAFFIC INFORMATION and REGIONAL MODE adjustments are only possible on FM.

RADIO (Tuner)

To select the Radio function while listening to another audio source, briefly press the RADIO button several times to select the desired band, FM AM or DAB (where present).

Once the Radio mode has been activated, the display will show the name (only RDS stations) and the frequency of the selected radio station, the frequency band selected (e.g. FMA) and the preselect button number (e.g. P1).

Each time the button is pressed, the FM, AM and DAB bands (where present) are selected cyclically.

Preset buttons

The buttons numbered from 1 to 6 are used to set the following preset stations:

- ❑ 18 in the FM band (6 in FM-A, 6 in FM-B and 6 in FM-C);
- ❑ 18 in the AM band (6 in AM-A, 6 in AM-B and 6 in AM-C).

To listen to a preset station, select the desired frequency band with the RADIO button, briefly press ABC button to select the preset band (A, B or C), and then briefly press the corresponding preset button (from 1 to 6).

By pressing the preset button for more than 2 seconds, the tuned station will be stored. The storing phase is confirmed by an acoustic signal.

Automatic tuning

Briefly press the ◀ or ▶ button to start the automatic tuning search for the next station that can be received in the selected direction.

Manual tuning

Select the desired frequency band and then press the ▲ or ▼ button briefly and repeatedly to start to the search in the desired direction. If the ▲ or ▼ buttons are pressed longer, the fast



search will start and then stop when the button is released.

USB MODE

To activate USB mode, insert the corresponding device (USB stick or other device) into the USB port on the car dashboard. If a USB device is inserted with the system on, it will start playing the tracks found on the device.

NOTE The Uconnect Mobile system may not support some USB keys Mobile: in this case, it will not automatically switch from “Radio” operation to “Media” operation. If the device used does not play, verify its compatibility by selecting the Media Function: a dedicated message will appear on the Uconnect Mobile system display.

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

NOTE The USB ports handle data transmission from the Pen Drive/Smartphone, etc. and slow

recharging of an external device, which is not guaranteed as it depends on the device type/brand.

BLUETOOTH®

Bluetooth® technology allows you to use your mobile phone through the car's hands-free system, without the need for wires. A mobile phone with **Bluetooth®** is required to use the hands-free system. To consult the list of compatible phones, see the site: www.mopar.eu/owner.

The hands-free function allows the following operations to be performed:

- ❑ Calling a telephone number by voice command: you can dial a telephone number by stating the numbers out loud.
- ❑ Calling someone in the phonebook using voice commands: you can call someone in your mobile phonebook using your voice. You can also call someone in your phonebook by selecting from the contacts that appear on the display of the instrument panel. (This function requires your phone directory to have been copied onto the vehicle hands-free system).
- ❑ Accepting a call: you can accept an incoming call by pressing the button  on the steering wheel.

- ❑ Rejecting a call: you can reject a call with a long press of the button  on the steering wheel.

SMS Message Reader

(available only with mobile phones that support this function)

The SMS message reader makes it possible to:

- ❑ Be informed, by means of a message on the instrument panel display, of the reception a new SMS message on your mobile phone with **Bluetooth®** technology; the number/name of the sender is displayed and the system will also ask whether to read the message to you.
- ❑ Manage the list of messages received on your mobile phone only during connection with the active system.

Quick guide to the SMS message reader

(only for mobile phones that support this function)

If your **Bluetooth®** phone supports this function, when you receive a new SMS message, the system alerts you with an acoustic signal and asks you if you want to read it.

- ❑ Say “Yes” or press the button  or **SRC/OK**. The system will read the last message received;

❑ Say "NO" or press the  /  button. The system will store the message which you can read later, as long as the phone is connected to the system. To get to know all the functions and ways of using the text message reader, refer to the "Text message reader functions" paragraph in this section.

MULTIMEDIA FUNCTIONS

The **MEDIA** menu allows you to view and play the tracks stored on a USB/Audio **Bluetooth®** source. It is recommended to load only unprotected music files, with supported extensions. If the USB device contains other formats (e.g. .exe, .cab, .inf, etc.), problems might arise during playing of tracks.

WARNING Do not play test audio/musical files since they could damage the components installed in the car.

To connect your UBS device to the system, proceed as follows:

- ❑ Connect the device to the USB port on the dashboard;
- ❑ Turn the ignition key to MAR. The system will automatically start playing your digital tracks, selecting them from

a library that is created the moment the USB device is connected.

When the creation of the multimedia library is over, it is possible to use the system to display and select the tracks present and to activate playing.

Managing the multimedia library

With the **MEDIA** function you can select the digital audio on your USB device, using voice recognition or the steering wheel controls.

Tracks may be selected by folder, artist, musical genre, album and playlist.

Activate the Main Menu from the steering wheel controls on the instrument panel display, select the **BROWSE USB** option and then press **SRC/OK**.

Select one of the following items:

❑ **FOLDERS**

❑ **ARTISTS**

❑ **GENRES**

❑ **ALBUMS**

❑ **PLAYLISTS**

and press **SRC/OK**.

❑ select "PLAY ALL" and confirm with **SRC/OK**;

❑ select the item chosen and confirm with **SRC/OK**;

It is also possible to access the same functions with the voice commands:

❑ press the button on the steering wheel  and say "BROWSE USB";

❑ say one of the available options: "FOLDERS", "ARTISTS", "GENRES", "ALBUMS", "PLAYLISTS";

❑ select "PLAY ALL" and confirm with **SRC/OK**;

❑ select the item chosen and confirm with **SRC/OK**.

Pause

To pause the track you are listening to: press the button  on the front panel of the Uconnect Mobile system. To resume listening to a track that you have paused: press the  button on the front panel of the Uconnect Mobile system.

Stop

To stop playing a track: say "Stop". To resume, say "Play".

NOTE the "Play" command is only available if you paused playback using the "Stop" command.

Next track

To skip to the next track using manual interaction: while listening to a digital track, press  (steering wheel controls) or  (Uconnect Mobile system controls) (for versions/markets, where provided).



Previous track

To return to the previous track using manual interaction: while listening to a digital track, press ◀ (steering wheel controls) or ▶ (Uconnect Mobile system controls) (for versions/markets, where provided).

Change audio source

To change the active audio source (Radio, USB, Tuner, **Bluetooth®** Audio) press the **SRC/OK** or **MEDIA** button on the front panel of the Uconnect Mobile system, or, using voice interaction: say "Select source USB, Radio, **Bluetooth®** Audio".

NOTE While playing **Bluetooth®** audio, there could be some incorrect displays related to the phone. This is not due to the radio, but depends on the information sent by the phone.

BLUETOOTH® DEVICE IMPORTANT NOTES

- ❑ Access to the phonebook copied onto the system is possible only when the mobile phone from which it has been copied is connected.
- ❑ The names stored on the SIM card or in your mobile phone memory can be transferred to the system in different ways, depending on the model of mobile phone.

Getting to know the voice commands

When talking to the system, you can always use the voice command "Help" to obtain detailed instructions on the voice commands available for each interactive stage.

Pairing a Bluetooth® device

NOTE Only do this when the car is stationary.

To pair your mobile phone with the system, proceed as follows.

Manual procedure:

- ❑ Activate the Main Menu by pressing the **MENU** button;
- ❑ select the **SETTINGS** option, then the "Pairing" option.

Voice procedure:

- ❑ Press  and say "Settings". Then, at the end of the message, say "Pairing".
- ❑ The system will show a PIN number on the display to be used for pairing.
- ❑ Using the search function of the **Bluetooth®** devices of your phone, search for the "Radio BT" device.
- ❑ When prompted, enter the PIN code displayed on the instrument panel using your mobile phone keypad. If the registration is successful, the system will say "Connecting" and at the end the display will show, as confirmation, details of the mobile phone registered.

Once the device has been paired, if the function is supported by the phone, the system automatically asks to download the phonebook onto the Uconnect Mobile system.

NOTE 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.

Making a phone call

- ❑ Press the steering wheel control  and say "Call" and the name of the contact in the phonebook.
- ❑ If the name is recognised, the system will display the information for the contact on the display.
- ❑ The system will ask you to confirm your request. To make the call, say "Yes"; otherwise, say "No".

Alternatively, it is possible to call a number that is not in the phonebook by saying the number one figure at a time.

Managing an incoming call

When a call is received, the system will display the caller's ID, where available. The incoming call will be signalled by your mobile phone's personalised ringtones (the availability of this function

depends on the specific features of your phone).

Answering a call:

- ❑ To answer the call, press .
- ❑ To end the call, press  for more than 1 second.
- ❑ To reject a call: press .
- ❑ To ignore a call and not hear the ring tone, press  / .

Putting a phone call on HOLD

To place a call in progress on HOLD and disable the microphone in order to be able to talk without being heard by the person you are talking to press  / .

VOICE CONTROLS

Global commands

- ❑ SELECT MEDIA SOURCE;
- ❑ SELECT RADIO SOURCE;
- ❑ SELECT PHONE SOURCE;
- ❑ CALL or DIAL;
- ❑ READ MESSAGE;
- ❑ SETTINGS;
- ❑ HELP;
- ❑ CANCEL;
- ❑ REPEAT.

Phone commands

- ❑ DIAL;
- ❑ CALL (followed by name);
- ❑ CALL (followed by number);
- ❑ CALL BACK;
- ❑ READ LAST.

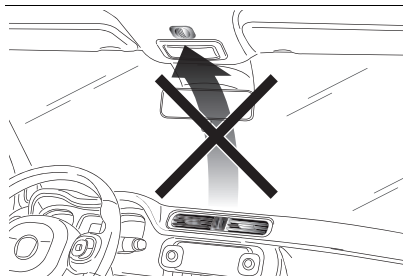
Audio Bluetooth®/USB Commands

- ❑ PLAY;
- ❑ PAUSE;
- ❑ STOP.

Radio

- ❑ SELECT BAND “FM” “AM” or “DAB”.

NOTE We recommend not directing the central air vents towards the microphone as the noise of the air on the microphone (fig. 151) could worsen voice command performance.



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PANDA UCONNECT APP

To use the Panda Uconnect app you must download it from the Apple App Store or from Google Play and pair the smartphone to the radio via **Bluetooth®**, as described in the "**Bluetooth® Device**" paragraph in this chapter. For the list of compatible phones, see Fiat eLum site.

The app interface may change depending on how it is used: connected or not connected to the car radio.

When it is connected via **Bluetooth®**, you can interact with the radio through the screen of your smartphone. You can listen to your favourite music by selecting the source, the track or the radio station desired. You can also view the phonebook, your car handbook and, if necessary, call for assistance.

When it is not connected, you can have all the information about the state of your car with my:Car and indications about your driving style with eco:Drive. You can also find your car easily if you do not remember where you parked it.



RADIO 7" TOUCHSCREEN

CONTROLS ON FRONT PANEL



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CONTROLS ON THE DASHBOARD

Button	Functions	Mode
⏻ / VOLUME	On/off	Brief button press
	Volume adjustment	Left/right rotation of knob
🔇	Volume activation/deactivation (Mute/Pause)	Brief button press
 TUNE SCROLL / BROWSE ENTER	Confirmation of the option displayed	Brief button press
	Open browsing list (Radio or Media mode)	
	Scrolling the list or tuning to a radio station	
	Display list of stations (Radio mode)	
	Scroll contents of sources (Media mode)	Left/right rotation of knob
	Media source track change	
	Station change (RADIO mode)	



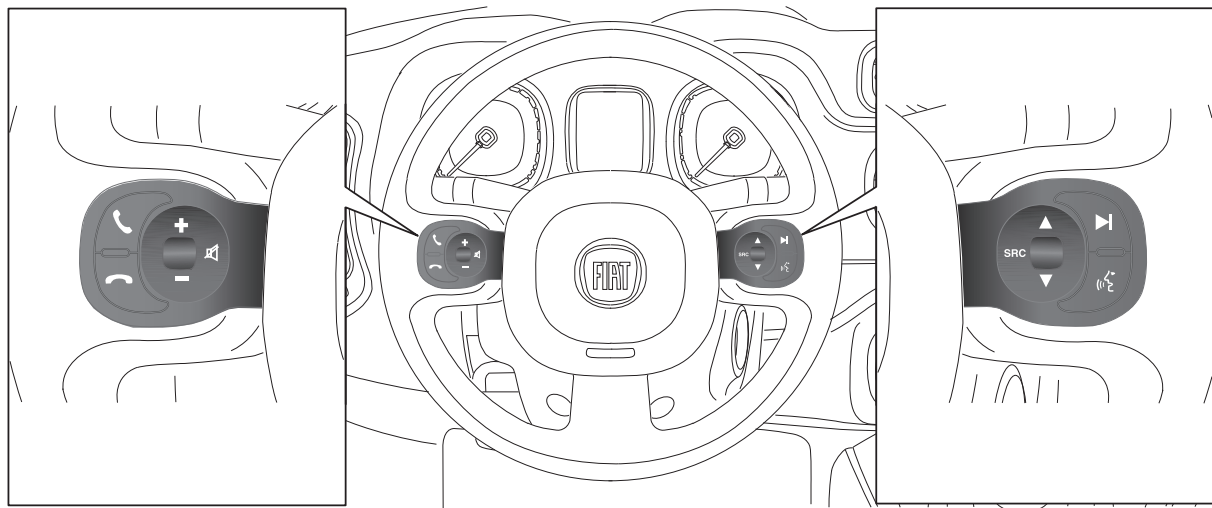
GRAPHIC BUTTONS ON DISPLAY

Graphic button	Functions	Mode
Radio	Access to the Radio mode	Press graphic button
Media	Source selection: USB, Bluetooth®	Press graphic button
Phone	Access to the Phone mode	Press graphic button
Apps	Access to the additional functions (display of Time, Compass, Media Player and App/Services installed in the vehicle)	Press graphic button
Compass	Viewing compass information	Press graphic button
Settings	Access the settings menu	Press graphic button
Audio	Access the Audio settings menu	Press graphic button

STEERING WHEEL CONTROLS

(where provided)

The controls for the main system functions are present on the steering wheel to make control easier. The activation of the function selected is controlled, in some cases, by how long the button is pressed (brief or long press) as described in the table below.



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STEERING WHEEL CONTROLS SUMMARY TABLE

Button	Interaction
	☐ Acceptance of incoming call ☐ Acceptance of the second incoming call and putting the active call on hold
	IMPORTANT: the voice commands only serve to interact with the voice assistance (Siri Eyes Free or Google Assistant). For Apple devices, it is possible to interact with mobile devices connected via either Bluetooth or USB, while a USB connection is required for Android devices. ☐ Activation of voice recognition ☐ 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

TOUCHSCREEN FUNCTION

The system uses the touchscreen function; to interact with the different functions, press the graphic buttons displayed.

To confirm a selection, press the "OK" graphic button.

To go back to the previous screen, press the  (Delete) button or, depending on the active screen,  / Done.

RADIO MODE

The system is switched on/off by pressing the  (ON/OFF) button/knob. Turn the button/knob clockwise to increase the radio volume or anticlockwise to decrease it.

The system is equipped with the following tuners: AM, FM and DAB (for versions/markets, where provided). After the desired radio station is selected, the following information is shown on the display:

At the top: the list of radio stations stored (preset) is displayed; the station currently playing is highlighted.

At the centre: the name of station being listened too is displayed.

On the left side: displays the "AM", "FM", "DAB" (where provided) buttons for selecting the desired frequency

band (the button corresponding to the selected band is highlighted).

On the right side: "Info" graphic button display: additional information on the source being played.

At the bottom: display of the following buttons:

-  "Browse": list of the radio stations available;
-  : selecting previous/next radio station;
-  "Tune" : manual radio station tuning;
-  "Audio": access to the "Audio Settings" screen.

Audio menu

To access the "Audio" menu press the "Audio" graphic button located at the bottom of the display.

Pressing the "Audio" graphic button automatically accesses the "Settings" menu from which it is possible to make the desired adjustments.

The following adjustments can be carried out using the "Audio" menu:

-  "Balance" (left/right and front/rear sound balance adjustment)
-  "Equalizer" (where provided)
-  "Speed Adj Volume" (speed-dependent automatic volume control)
-  "Loudness" (where provided)
-  "AutoPlay"

 "Auto-On Radio"

MEDIA MODE

Press the "Select Source" graphic button to select the desired audio source from those available: USB and Bluetooth®.

WARNING Applications used on portable devices may be not compatible with the **Uconnect™** system.

After Media mode is selected, the following information is shown on the display.

At the top: information on the track being played and the following graphic buttons:

-  "Repeat Song", "Repeat All" or "Repeat Off": repeat the current song, all songs or turn the function off;
-  "Shuffle": to play the tracks in random order;
-  Track progress and duration.

In the middle: information on the track being played.

On the left: display of the following buttons:

-  Selected device or audio source;
-  "Select Source": select the required audio source.

On the right: display of the following buttons:



- "Info": additional information about the song playing;
- "Tracks": list of available tracks.

At the bottom: information on the track being played and the following graphic buttons:

- "Bluetooth": for a **Bluetooth®** audio source, opens the list of devices;
- "Browse" for a USB source, opens browsing;
- ◀◀ / ▶▶ : previous/next track selection;
- || : pause track being played;
- "Audio": access to the "Audio Settings" screen.

Track selection

The "Tracks" function allows you to open a window with the list of tracks being played.

With the TUNE SCROLL button/knob you can browse the list of artists, genres, etc...

The choices available depend on the device connected.

For example, on a USB device you can also scroll through the list of artists, genres and albums available depending on the information present on the tracks.

NOTE This button might be disabled for some **Apple®** devices

Press the "Tracks" graphic button to activate this function on the source being played.

Turn the TUNE SCROLL button/knob to select the desired category and then press the button/knob to confirm the selection.

NOTE The indexing time of a USB device can vary depending on the media inserted (in some cases it can take a few minutes).

BLUETOOTH® SOURCE

This mode is activated by pairing a **Bluetooth®** device containing music tracks with the system.

PAIRING A BLUETOOTH® AUDIO DEVICE

To pair a **Bluetooth®** audio device, proceed as follows:

- activate the **Bluetooth®** function on the device;
- press the "Media" graphic button on the display;
- press the "Select Source" graphic button;
- select the **Bluetooth®** Media source;
- press the "Add Device" graphic button;
- search for **Uconnect™** on the **Bluetooth®** audio device (during the pairing stage a screen is displayed showing the progress of the operation);

□ when requested by the audio device, enter the PIN code shown on the system display or confirm on the device the PIN displayed;

□ if the pairing procedure is completed successfully, a screen is displayed. Answer "Yes" to the question to pair the **Bluetooth®** audio device as favourite (the device will have priority over all other devices to be paired subsequently). If "No" is selected, the priority is determined according to the order of connection. The last device connected will have the highest priority;

□ an audio device can also be paired by pressing the "Phone" graphic button on the display and by selecting "Settings" or selecting "Phone/Bluetooth" from the "Settings" menu.

WARNING If the **Bluetooth®** connection between mobile phone and system is lost, consult the mobile phone handbook.

NOTE The Radio may change the track being played by modifying the name-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.

USB SOURCE

The car has a USB port on the front panel.

When a USB device is inserted with the radio on, it starts to play the tracks on the device if the "AutoPlay" is set to "ON" in the "Audio" menu.

PHONE MODE

Phone mode activation

Press the "Phone" button on the display to activate the Phone mode.

NOTE To consult the list of mobile phones and supported functions, visit the www.driveuconnect.eu website

Use the graphic buttons on the display to:

- ❑ dial the phone number (using the graphic dial pad on the display);
- ❑ display and call the contacts in the phonebook of the mobile phone;
- ❑ display and call contacts from the registers of previous calls;
- ❑ pair up to 10 phones/audio device to make access and connection easier and quicker;
- ❑ transfer calls from the system to the mobile phone and vice versa and

deactivate the microphone audio for private conversations.

The mobile phone audio is transmitted through the car's sound system; the system automatically mutes the radio when the Phone function is used.

Pairing a mobile phone

WARNING Carry out this operation only with car stationary and in safety conditions; this function is deactivated when the car is moving.

The pairing procedure for a mobile phone is described below: always consult the handbook of the mobile phone in any case.

To pair the mobile phone, proceed as follows:

- ❑ activate the **Bluetooth®** function on the mobile phone;
- ❑ press the "Phone" graphic button on the display;
- ❑ if no phone is paired with the system yet, the display shows a dedicated screen;
- ❑ access "Settings" and select "Add device" to start the pairing procedure, then search for the **Uconnect™** device on the mobile phone;
- ❑ when prompted by the mobile phone, use its keypad to enter the PIN code shown on the system display or

confirm on the mobile phone the PIN displayed;

- ❑ during the pairing stage a screen appears on the display showing the progress of the operation;
- ❑ when the pairing procedure is completed successfully, a screen is displayed: answer "Yes" to the question to pair the mobile phone as favourite (the mobile phone will have priority over all other mobile phones to be paired subsequently). If no other devices are paired, the system will consider the first paired device as the favourite.

NOTE The priority is determined according to the order of connection for mobile phones which are not set as favourite. The last phone connected will have the highest priority.

NOTE On some mobile phones, to make the text message voice reading function available, the text message notification option on the phone must be enabled; this option is usually available on the phone, in the **Bluetooth®** connections menu for a device registered as **Uconnect™**. After enabling this function on the mobile phone, it must be disconnected and reconnected with the **Uconnect™** system in order to make it effective.

NOTE 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.

Making a phone call

The operations described below can only be accessed if supported by the mobile phone in use. For all functions available, refer to the mobile phone owner's handbook.

A call can be made by:

- ☐ pressing the "Phonebook" graphic button (mobile phone contacts);
- ☐ pressing the "Recent" graphic button;
- ☐ pressing the "Dial" graphic button;

Favourites

You can add a number or a contact (if already in Contacts) to the favourite list during a call by pressing one of the 5 "Empty" graphic buttons on the upper part of the display. The favourites can also be managed by using the Phone Book options.

Text Message Reader

The system can read the messages received by the mobile phone. To use this function, the mobile phone must support the text message 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 "Show", "Call" or "Ignore" can be selected.

Press the "Text" graphic button to access the list of text messages received by the mobile phone (the list displays a maximum of 60 messages received).

NOTE On some mobile phones, to make the text message voice reading function available, the text message notification option on the phone must be enabled; this option is usually available on the phone, in the **Bluetooth®** connections menu for a device registered as **Uconnect™**. After enabling this function on the mobile phone, it must be disconnected and reconnected with the **Uconnect™** system in order to make it effective.

WARNING Some mobile phones may not take the text message delivery confirmation settings into account when interfacing with the **Uconnect™** system. If a text message is sent via the **Uconnect™** system, the user 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, the driver can press the "Do Not Disturb" graphic button to stop receiving notifications of incoming calls or text messages. The driver can reply with a default message or a message customised in the settings.

Text message reader

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.

NOTE For details on how to send a text message using the voice commands, refer to the dedicated paragraph.

When receiving a text message, the systems also allows the same message to be forwarded.

Browsing favourites

(for versions/markets, where provided)

You can view and manage your favourite numbers on the radio using the steering wheel controls. To use this function, the mobile phone must support exchanging information via **Bluetooth®** and the favorite numbers must have been saved previously as such in the **Uconnect™** system.

Apple CarPlay and Android Auto

(where provided)

The Apple CarPlay and Android Auto applications allow you to use your smartphone in the car safely and intuitively. To enable them, connect a compatible smartphone to the USB

port of the car and the contents of the phone will be automatically shown on the **Uconnect™** system display.

To check the compatibility of your smartphone, refer to the indications on the websites:

https://www.android.com/intl/it_it/auto/
<http://www.apple.com/it/ios/carplay/>.

If the smartphone is connected correctly to the car via the USB port, the Apple CarPlay or Android Auto icon will be displayed in place of the  graphic button in the main menu.

Apple CarPlay App Setup

Apple CarPlay is compatible with the iPhone 5 or more recent models, with the iOS 7.1 operating system or later versions.

Before using Apple CarPlay, enable Siri from "Settings" > "General" > "Siri" on the smartphone.

To use Apple CarPlay, the smartphone must be connected to the car by means of a USB cable.

NOTE Enabling Apple CarPlay or some operations could require interaction on the smartphone. If necessary, complete the step on your device (smartphone).

Android Auto APP Setup

Before use, download the Android Auto application to your smartphone from Google Play Store.

Starting from Android 10, the Android Auto app is integrated into your phone. Downloading is therefore not necessary.

The application is compatible with Android 5.0 (Lollipop) and later versions. To use Android Auto, the smartphone must be connected to the car by means of a USB cable.

On the first connection, you will have to perform the setup procedure that appears on the smartphone. This procedure can only be carried out with the car stationary and the handbrake applied, checking that the time and date of the **Uconnect™** system are correct.

Once connected to the USB port, the Android Auto application establishes a parallel **Bluetooth®** connection.

Interaction

After the setup procedure, the application will run automatically on the **Uconnect™** system when your smartphone is connected to the USB port in the car.

❑ *Apple CarPlay:* to integrate with Apple CarPlay, press the button on the steering wheel  and, using the **TUNE SCROLL / BROWSE ENTER** button/knob select and confirm or hold the "Home" graphic button pressed (long press on the graphic button) on the display in Apple CarPlay.



❑ **Android Auto:** to integrate with Android Auto, press the button on the steering wheel  (hold the button pressed) and, using the **TUNE SCROLL / BROWSE ENTER** button/knob select and confirm or hold the "Microphone" graphic button pressed (long press on the graphic button) on the display in Android Auto.

Navigation

With the Apple CarPlay and Android Auto applications, you can choose to use the navigation system on your smartphone.

Exiting from the Apple CarPlay and Android Auto apps

You can still access the contents of the **Uconnect™** system with the CarPlay app enabled by using the controls available and viewable on its display. To return to the **Uconnect™** system contents with the Android Auto app enabled, according to the version of the app you are using, select the last item on the Android Auto system bar and select "Back to Uconnect or the "Exit" icon on the main screen of Android Auto.

To end the Apple CarPlay or Android Auto session, physically disconnect the smartphone from the USB port of the car.

SETTINGS

Press the "Settings" graphic button on the display to display the main "Settings" menu with the relative submenus (where provided).

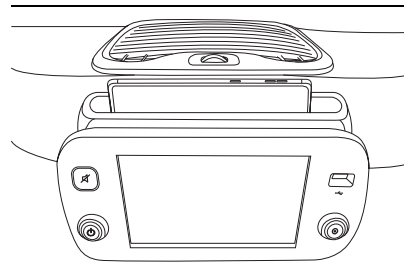
NOTE The menu items displayed vary according to the versions.

The menu includes the following items:

- ❑ Display
- ❑ Time & Date
- ❑ Engine Off Options
- ❑ Audio
- ❑ Phone/Bluetooth
- ❑ Radio Setup
- ❑ Restore Default Settings
- ❑ Clear Personal Data

VOICE COMMANDS

For the functions controlled with voice commands, see the description of the **Uconnect™ 7" LIVE** system.



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F1D1040

NOTE During the calls, we recommend not directing the central vents or the air

vent towards the microphone as the noise of the air on the microphone could worsen voice command performance.

IMPORTANT It is advisable to position the smartphone horizontally as shown in fig. 154 so that in the case of a collision or accident it does not pose a danger and at the same time does not obstruct the view while driving.

MOPAR® CONNECT

(where provided)

These services let you keep your vehicle under control at all times and receive assistance in the event of accident, theft or breakdown.

To have these services, install the **Mopar® Connect** device on your vehicle from the country (list available on the www.driveuconnect.eu website) and request activation by following the instructions received at the email address given when your vehicle was handed over to you.

Download the **Uconnect™LIVE** App or access the www.driveuconnect.eu portal to use the connected services. You can find all the details about the services in the **Mopar® Connect** section of the www.driveuconnect.eu portal.

Some of the packages made available to the customer are:

my:Assistant: package for customer assistance in the event of an accident, breakdown or attempted theft.

This package is available with the **Uconnect™LIVE** app, and can also detect unauthorised vehicle towing or tampering.

my:RemoteControl: package to use the **Uconnect™LIVE** smartphone app for remote control, such as locating the vehicle on the map, or locking/unlocking the doors.

my:Car: package for using the **Uconnect™LIVE** app to remotely monitor the vehicle, such as the fuel level and tyre pressures.

my:Journey: package for using the **Uconnect™LIVE** app to display and manage travel, with dates, maps, personal notes and travel reports.

With **Mopar Connect**, users with a telematic box can also profit from the benefits offered by insurance companies.

With **Mobility Services**, it is also possible to take advantage of proposals from FCA partners.

PRIVACY MODE

Privacy mode lets you disable the "Find car", "Notify Area" and "Notify Speed" services, which allow registered customers to locate their cars, for a fixed time.

WARNING Vehicle position tracing remains active for the assistance services, where provided, in the event of accident or vehicle theft, but is not visible to the customer.

PRIVACY MODE activation procedure

Proceed as follows:

- ☐ take note of the total odometer reading;
- ☐ make sure that the instrument panel is off;

☐ Send the following text message to +393424112613: "PRIVACY <VEHICLE_CHASSIS_NUM> <TOTAL_MILEAGE_KM>" (e.g.: PRIVACY ZFA3340000P123456 12532). You can find the vehicle identification number in the registration document;

☐ before starting the engine, wait to receive the text message confirming that Privacy mode has been activated and indicating when it expires.

When you have received the confirmation, you can start your trip in the knowledge that the vehicle will not be traced until the indicated expiry time. If it expires while you are still travelling, Privacy mode will be extended until you turn off the engine (instrument panel off).

If you receive a text message indicating that your request was not successful,

you must be aware that the vehicle will continue to be visible to the registered customer.

If you have any doubts or problems during activation, consult the FAQ on the www.driveuconnect.eu portal, contact the Jeep Dealership or contact Customer Care.

OFFICIAL TYPE APPROVALS

Radio equipment



All radio equipment supplied with the vehicle complies with the 2014/53/EU directive. For further information visit the www.mopar.eu/owner or <http://aftersales.fiat.com/elum/> websites.

Radio frequency devices



All radio frequency devices comply with the regulations in force in the countries in which they are sold. For further information go to www.mopar.eu/owner or <http://aftersales.fiat.com/elum>.



IMPORTANT INFORMATION AND RECOMMENDATIONS



IMPORTANT

INTERIOR FITTINGS

- ❑ Do not travel with the storage compartment open: it may injure the front seat occupants in the event of an accident.
- ❑ The cigar lighter becomes very hot. Handle it with caution and do not allow it to be used by children to avoid the risk of fire or burns. Always check that the cigar lighter has switched off.

ROOF RACK/SKI RACK

- ❑ After travelling for a few kilometres, check to ensure that the fixing screws for the attachments are well tightened.
- ❑ Never exceed the maximum permitted loads (see "Technical specifications" section).
- ❑ Evenly distribute the load and take into account, when driving, the increased responsiveness of the vehicle to side wind.

RADIO SETUP SYSTEM

- ❑ If you wish to have a radio installed after purchasing the car, first contact a Fiat Dealership whose qualified personnel will give you advice about a sound system that does not damage the conventional battery charge. Excessive absorption will drain and damage the conventional battery and may invalidate the conventional battery warranty.

PROTECTING THE ENVIRONMENT

- ❑ During normal service, the catalytic converter and the diesel particulate filter (DPF) reach high temperatures. Do not therefore park the vehicle over inflammable materials (grass, dry leaves, pine needles, etc.): fire hazard.

INTERIOR

- ❑ Never use flammable products, such as petrol ether or rectified petrol to clean the inside of the car. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.
- ❑ Do not keep aerosol cans in the vehicle: they might explode. Aerosol cans must not be exposed to a temperature exceeding 50°C. When the vehicle is exposed to sunlight, the internal temperature can greatly exceed this value.

POWER SUPPLY

- ❑ Modifications or repairs to the supply system that are not carried out correctly or do not take the system technical specifications into account can cause malfunctions leading to the risk of fire.

LOADING ADVICE (*Panda VAN versions*)

- ❑ Abrupt braking or occasional impacts may cause sudden movements of the load with consequent situations of hazard for the driver and passengers: before setting off, secure the load tightly using the partition and, where provided, the appropriate hooks. For securing use cables, ropes or belts strong enough to hold the items to be secured.



IMPORTANT

ROOF RACK/SKI RACK

- ☐ Fully comply with the regulations in force concerning maximum clearance.

RADIO SETUP SYSTEM

- ☐ For connection to the radio system set-up, contact a Fiat Dealership to prevent any problem that could impair vehicle safety.

BODYWORK

- ☐ In order to preserve the appearance of the paint abrasive products and/or polishes should not be used for cleaning the car.
- ☐ Avoid washing with rollers and/or brushes in washing stations. Wash the car only by hand using neutral pH detergents; dry it with a wet chamois leather. Abrasive products and/or polishes should not be used for cleaning the car. Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive. Avoid (if at all possible) parking the car under trees; remove vegetable resins immediately as, when dried, it may only be possible to remove them with abrasive products and/or polishes, which is highly inadvisable as they could alter the typical opacity of the paint. Do not use pure windscreen washer fluid for cleaning the front windscreen and rear window; dilute it min. 50% with water. Only use pure screen washer fluid when strictly necessary due to outside temperature conditions.

INTERIOR

- ☐ Never use alcohol, petrols and derivatives to clean the dashboard and instrument panel lens.



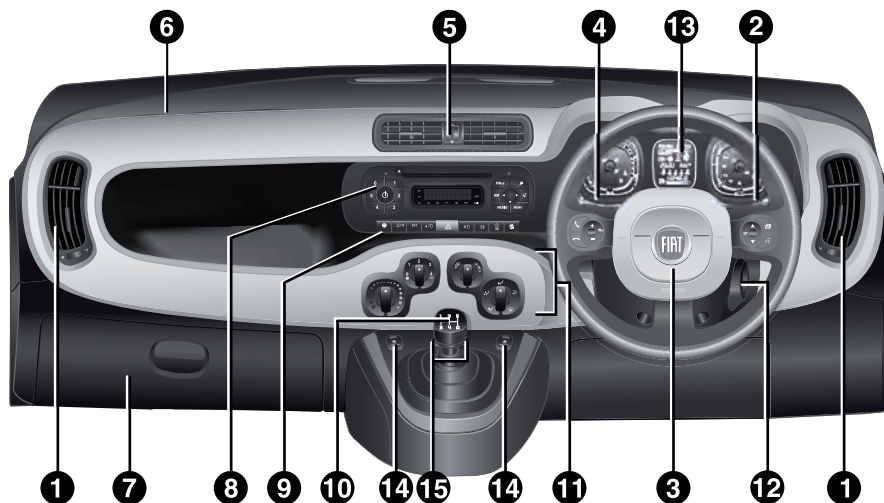
IMPORTANT

BODYWORK

- ☐ Detergents pollute the water. Only wash your vehicle in areas equipped to collect and treat waste water from this type of activity.

DASHBOARD (RIGHT-HAND DRIVE VERSION)

The presence and position of controls, instruments and gauges may vary depending on the versions.



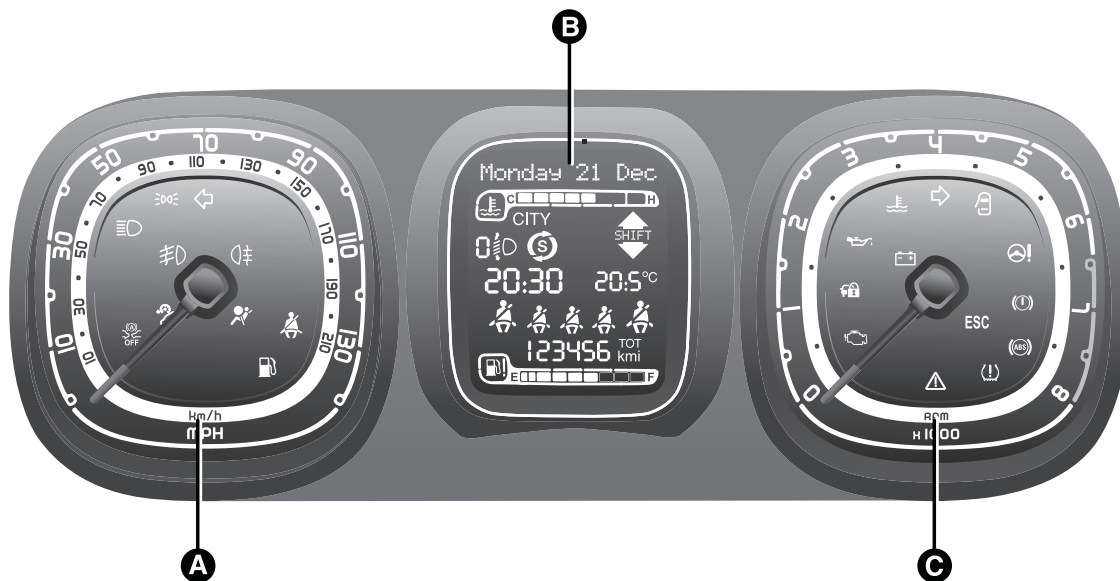
155

FOW0476

1. Adjustable and directable air diffusers 2. Exterior light control stalk 3. Driver front airbag 4. Windscreen wiper/rear window wiper/trip computer control lever 5. Adjustable and directable central air vents 6. Passenger front airbag 7. Glove compartment (for versions/markets, where provided) 8. Radio (for versions/markets, where provided) 9. Control buttons 10. Gear lever 11. Heating/ventilation/climate control system controls 12. Ignition device 13. Instrument panel 14. Electric front windows 15. ECO/ASR OFF buttons (for versions/markets, where provided)

DASHBOARD AND INSTRUMENT PANEL

The instrument background colour and type may vary according to the versions. The warning lights on the instrument panel may change according to the version/trim level (e.g. LPG, Cross etc.) of the vehicle.



156

F1D0811

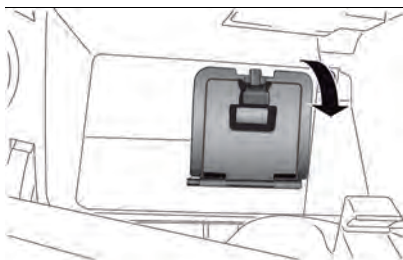
A. Speedometer B. Multifunction display C. Rev counter

REPLACING FUSES

Fuse location

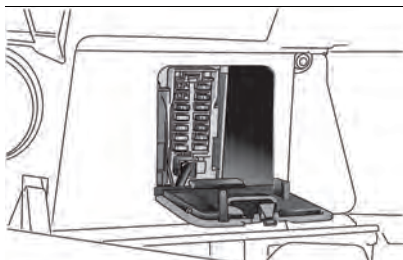
Fuses on the dashboard

Lift the plastic cover fig. 157 to access the fuses. The fuses are located in the fuse box in fig. 158.



157

F0W0294



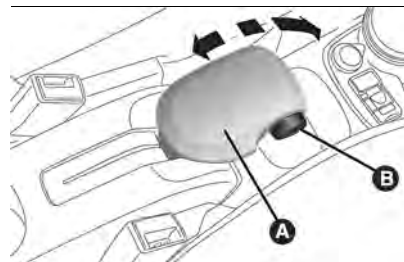
158

F0W0295

WHEN PARKED

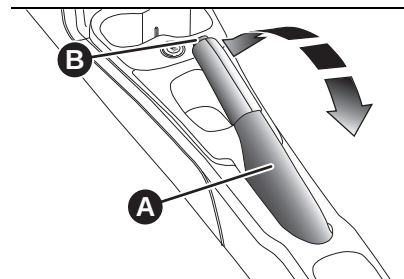
Stop the engine and engage the handbrake. Engage a gear (1st gear if the car is parked facing uphill or reverse if facing downhill) and leave the wheels turned. You are advised to block the wheels with a wedge or a stone if the car is parked on a steep slope. Always remove the ignition key when leaving the car.

PARKING BRAKE



159

F0W0296



160

F1D1026

Pull lever A fig. 159 or fig. 160 upwards to operate the handbrake, until the car is braked.

To disengage the handbrake, slightly raise lever A and hold button B pressed, checking that the (C) warning light switches off in the instrument panel.

! 197) 198) 199)



WARNING

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

198) The car should be braked after a few clicks of the lever, if it is not, contact a Fiat Dealership to have it adjusted.

199) 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. Block the wheels with a wedge or a stone if the car is parked on a steep slope.

**In the heart
of your engine.**



PETRONAS
SELENIA



*Always ask your mechanic for **PETRONAS Selenia**.*



Oil change? The experts recommend PETRONAS Selenia

*The engine of your car is factory filled with **PETRONAS Selenia**. This is an engine oil range which satisfies the most advanced international specifications. Its superior technical characteristics allow **PETRONAS Selenia** to guarantee the highest performance and protection of your engine.*

The PETRONAS Selenia range includes a number of technologically advanced products:

PETRONAS Selenia K Power

Fully synthetic lubricant developed for American design petrol engines.

PETRONAS Selenia WR Forward

Fully synthetic Low SAPS lubricant for Euro 6 diesel engines. High fuel economy.

PETRONAS Selenia Digitek Pure Energy

Fully synthetic lubricant for petrol engines. High fuel economy characteristics.

PETRONAS Selenia Multipower Gas

Fully synthetic lubricant for petrol engines supplied with methane or LPG. Protection against valve wear.

PETRONAS Selenia Multipower C3

Synthetic lubricant for petrol and diesel engines. Fuel economy characteristics.

The range also includes Selenia K, Selenia 20K, Selenia Turbo Diesel, Selenia Sport, Selenia Sport Power, Selenia Racing, Selenia WR, Selenia WR Pure Energy.

**CHOOSING GENUINE PARTS
IS THE MOST NATURAL CHOICE**



PERFORMANCE



GENUINE PARTS

COMFORT



GENUINE PARTS

SAFETY



GENUINE PARTS

AMBIENT



GENUINE PARTS

ACCESSORIES



GENUINE PARTS

VALUES



GENUINE PARTS

HOW TO RECOGNISE GENUINE PARTS

To recognise a **Genuine Part**, check **that the component bears our brands**, always clearly visible on Genuine Parts, from the braking system to windscreen wipers, from shock absorbers to pollen filter.

All **Genuine Parts** undergo **strict controls**, both during design and manufacturing stages, by specialists using **vanguard materials**, to **test the component reliability**.

This to guarantee **performance** and **safety** for you and your passengers on board, for a long time.

Always ask for and make sure a **Genuine Part** has been used.



Pollen filter



Shock absorber



Brake pads

MAINTAIN YOUR VEHICLE IN TIP TOP CONDITIONS WITH



Mopar Vehicle Protection offers a series of service contracts that are designed to give all our customers the pleasure of driving their vehicle without any hitch's and concerns.

Our product portfolio consists of a wide and flexible range of **extended warranty and maintenance plans** endorsed by FCA. Each with a series of **different coverage tiers, in terms of durability and mileage**, built to accommodate you're driving needs.

Service contracts are made by experts that know every part of your vehicle, and commit themselves to **maintain it in tip top conditions**. Our knowledge and passion is tailored around designing products that promises all our drivers “worry-free driving”.

Only with Mopar Vehicle Protection you are ensured that all service operations are performed by **highly qualified and specialized technicians in authorized FCA repair facilities, using the right tools, equipment and only original parts, all over Europe**.

Check which Service Contract plans are available on your market today and choose the Service Contract that suits your driving habits best.

Ask your local dealer for further information.

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INJECTORS AND BATTERIES

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If you have any further questions please consult your FIAT dealer.

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