

F I A T P A N D A



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

WHY CHOOSING GENUINE PARTS

We really know your car because we invented, designed and built it: we really know every single detail.

At **Fiat Service authorised workshops** you can find technicians directly trained by us, offering quality and professionalism for all service operations.

Fiat workshops are always close to you for the regular servicing operations, season checks and practical recommendations by our experts.

With Fiat Genuine Parts you keep the reliability, comfort and performance features of your new car unchanged in time: that's why you bought it for.

Always ask for Genuine Parts for the components used on our cars; we recommend them because they come from our steady commitment in research and development of highly innovative technologies.

For all these reasons: **rely on Genuine Parts, because they are the only ones designed by Fiat for your car.**

SAFETY:
BRAKING SYSTEM

**ENVIRONMENT: PARTICULATE FILTERS,
CLIMATE CONTROL MAINTENANCE**

**COMFORT: SUSPENSION
AND WINDSCREEN WIPERS**

**PERFORMANCE: SPARK PLUGS,
INJECTORS AND BATTERIES**

**LINEACCESSORI
ROOF RACK BARS, WHEEL RIMS**

Dear Customer,

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

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

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

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

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

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

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

Enjoy reading. Happy motoring!

IMPORTANT

This Owner Handbook describes all versions of the Fiat Panda; please consider only the information relevant to your vehicle's trim level, engine and version. All data contained in this publication are purely indicative. Fiat Chrysler Automobiles can modify the vehicle model described in this publication at any time, for technical or commercial 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.

Diesel engines: refuel only with diesel fuel motor vehicles conforming to the European specification EN590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused.

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

STARTING THE ENGINE



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 MAR and wait for the  warning light to switch off (and  warning light for diesel versions); turn the ignition key to AVV and release it as soon as the engine starts.

Versions with Dualogic gearbox: make sure that the handbrake is engaged and that the gear lever is in P (Parking) or N (Neutral), fully depress the brake pedal, then turn the ignition key to AVV and release it as soon as the engine is started. .

PARKING ON FLAMMABLE MATERIAL



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

RESPECTING THE ENVIRONMENT



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

ELECTRICAL ACCESSORIES



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

SCHEDULED SERVICING



Correct maintenance of the vehicle is essential for ensuring that it maintains its performance and its safety features, its environmental friendliness and low running costs unchanged in time.

USE OF THE OWNER HANDBOOK

OPERATING INSTRUCTIONS

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

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

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

WARNINGS AND 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 vehicle, which could cause accidents or injuries.

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

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



personal safety;



vehicle 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.

SYMBOLS

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

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

VEHICLE CHANGES/ALTERATIONS

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

GETTING TO KNOW YOUR CAR
KNOWING THE INSTRUMENT PANEL
SAFETY
STARTING AND DRIVING
IN AN EMERGENCY
SERVICING AND MAINTENANCE
TECHNICAL SPECIFICATIONS
MULTIMEDIA
INDEX



GETTING TO KNOW YOUR CAR

In-depth knowledge of your new vehicle starts here.

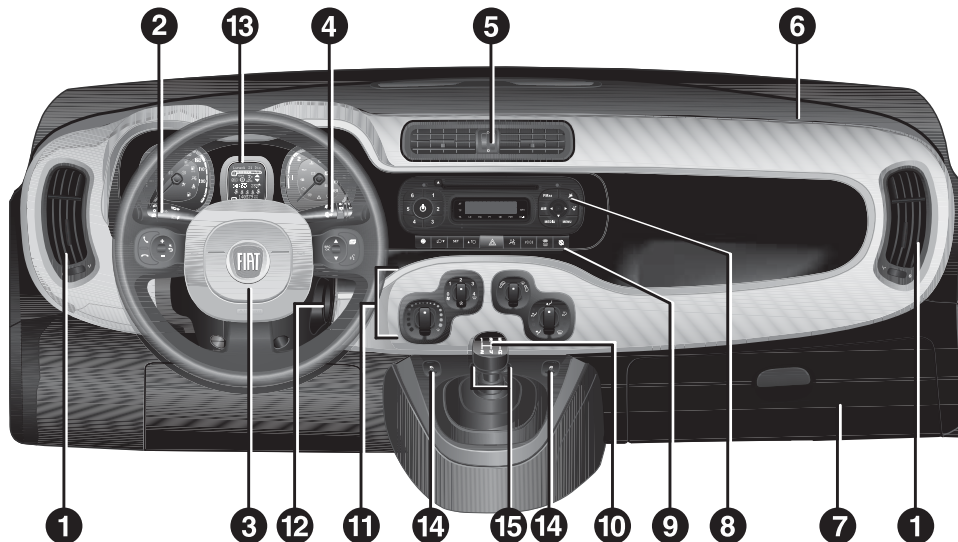
The handbook that you are reading simply and directly explains how it is made and how it works.

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

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DASHBOARD

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



I

1. Adjustable air vents 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 applicable) 9. Control buttons 10. Gear lever 11. Heating/ventilation/climate control system controls 12. Ignition device 13. Instrument panel 14. Front electric windows 15. ECO/ASR OFF buttons (for versions/markets, where provided)

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THE KEYS



KEY WITHOUT REMOTE CONTROL

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.

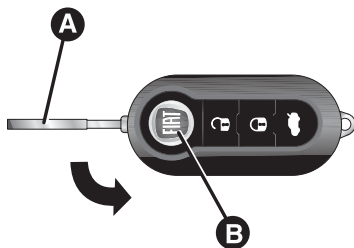
KEY WITH REMOTE CONTROL

(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

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Briefly press button : unlocking of doors and luggage compartment, timed switching-on of internal lights and double flashing of direction indicators (for versions/markets, where provided). Briefly press the  button: lock of doors and luggage compartment with roof 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. The direction indicators will flash twice to indicate that the luggage compartment has been opened.

REQUEST FOR ADDITIONAL KEYS

Should a new mechanical key or a new key with remote control be necessary, go to a FIAT Dealership, taking an ID document and the vehicle 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 prevent people, especially children, from inadvertently pressing the button.



WARNING

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.



WARNING

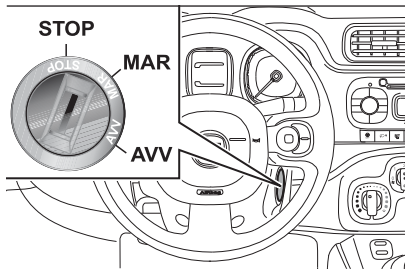
1) Used batteries must be disposed of, as specified by law, in the special containers. Otherwise take them to a Fiat Dealership, which will deal with their disposal.

IGNITION DEVICE

! 2) 3) 4) 5)

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.



The ignition switch 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

Engagement

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

Disengagement

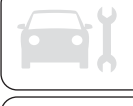
Move the steering wheel slightly and turn the key to MAR.



WARNING

- 2)** If the ignition device is tampered with (e.g.: attempted theft), have it checked over by a Fiat Dealership as soon as possible.
- 3)** When getting out of the vehicle, always remove the key to prevent any occupants from accidentally activating the controls. Remember to engage the handbrake. Engage first gear if the vehicle is parked uphill or reverse if the vehicle is parked downhill. Never leave children unattended in the vehicle.
- 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 adversely affect performance and safety, invalidate the warranty and also result in non-compliance of the vehicle with type-approval requirements.

5) Never extract the key while the vehicle is moving. The steering wheel will automatically lock as soon as it is turned. This also applies to cases in which the vehicle is towed.




THE FIAT CODE SYSTEM


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

OPERATION

Each time the vehicle 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 Powertrain 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 vehicle. 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.

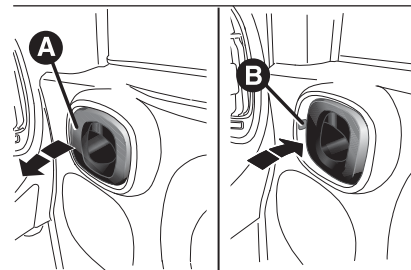
DOORS



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.

IMPORTANT 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.

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

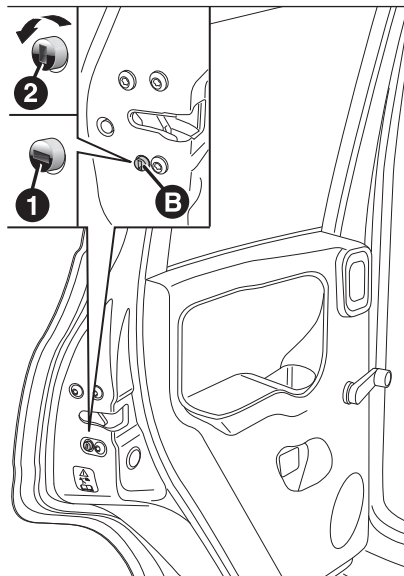
CHILD SAFETY DEVICE

 6)

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

- position 1 - 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.

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



5

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

SEATS



FRONT SEATS

 7) 8) 9) 10)  2)

Longitudinal adjustment

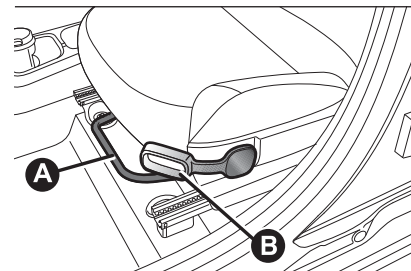
Lift lever A fig. 6 and push the seat forwards or backwards: in the driving position your arms should rest on the rim of the steering wheel.

Height adjustment

(for versions/markets, where provided)

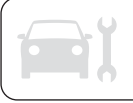
Adjust lever B fig. 6 upwards or downwards to obtain the required height.

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



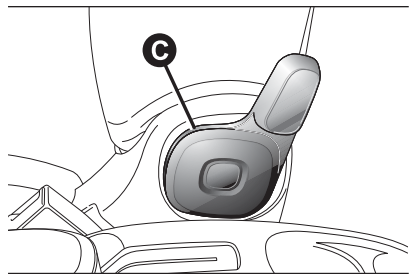
6

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Backrest angle adjustment

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



7

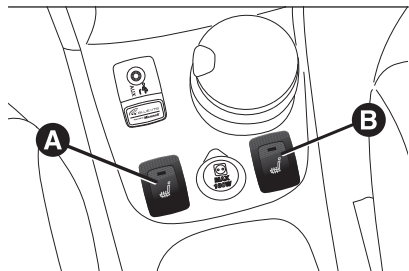
F1D0008

FRONT SEAT ELECTRIC HEATING

(for versions/markets, where provided)

With the ignition key turned to MAR, press button A or B fig. 8 respectively to switch the function on.

To deactivate the function press the button again.



8

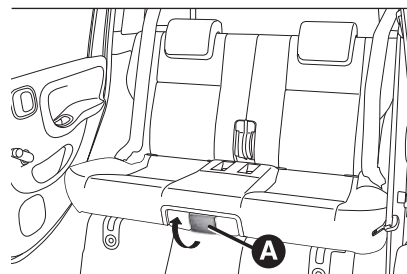
F1D0009

REAR SEATS

Longitudinal adjustment

(for versions/markets, where provided)

To bring the seat to the wished position, pull lever A fig. 9 then adjust.



9

F1D0010

Extending the luggage compartment with fixed rear seat

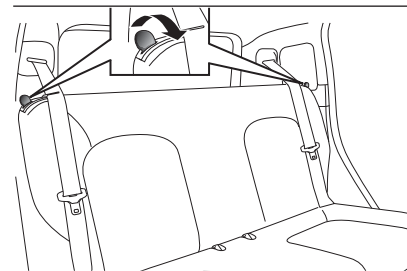


Proceed as follows:

- 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.

For versions equipped with split rear seat, the left or right part of the backrest can be tilted.



10

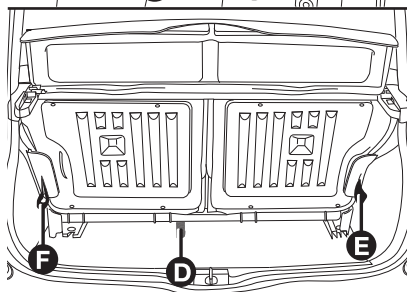
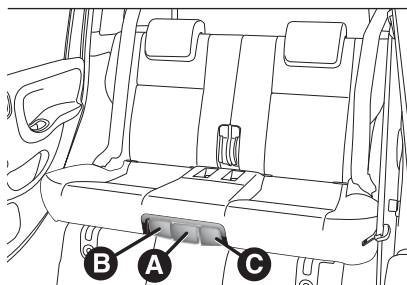
F1D0034

Extending the luggage compartment with rear sliding seat

Proceed as follows:

- remove the rear shelf;
- move the seat belts to the side, making sure that they are correctly extended and not twisted;
- using the lever A fig. 11 in the passenger's compartment or the central tab D in the luggage compartment, move the seat all forward.

□ Lift lever B or C fig. 11 or pull side tabs E or F in the luggage compartment to release the seat backrest section to tilt; act on both if you want to tilt the whole backrest, then guide the backrest onto the cushion.



11

F1D0129

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.



WARNING

- 7) All adjustments must be made with the vehicle 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 vehicle.
- 10) If passengers are seating in the rear seats, remove all potentially dangerous objects which may cause injuries in the event of an accident.



WARNING

- 2) The fabric upholstery for the seats has been designed to withstand long-term wear deriving from normal use of the vehicle. Nevertheless, some precautions are required. Avoid prolonged and/or excessive rubbing involving clothing accessories such as metal buckles, bosses, Velcro strips and the like, which, by applying a high pressure on the fabric in a limited area, could cause it to break, thereby damaging the upholstery.
- 3) Before tilting the backrest, remove any objects on the seat cushion.

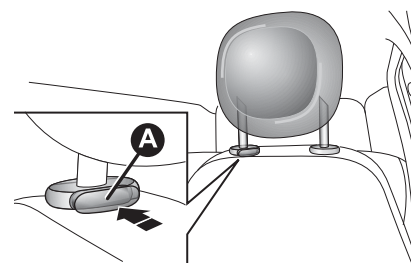
HEAD RESTRAINTS

11) 12)

FRONT HEAD RESTRAINTS

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

Downwards 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.

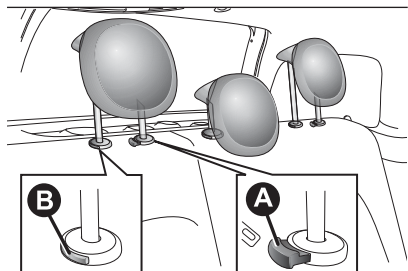
The head restraint may move when the backrest is pressed by the occupant's torso or hand: this behaviour is caused by the system and should not be considered a malfunction.



REAR HEAD RESTRAINTS

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

Downwards adjustment: press button A fig. 13 and lower the head restraint.



13

F1D0012

IMPORTANT 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

11) All adjustments must be made with the vehicle stationary. Head restraints must be adjusted so that the head, rather than the neck, rests on them. Only in this case can they protect your head correctly.

12) To make the best use of the head restraint's protective action, adjust the backrest so that your torso is upright and keep your head as close as possible to the head restraint.

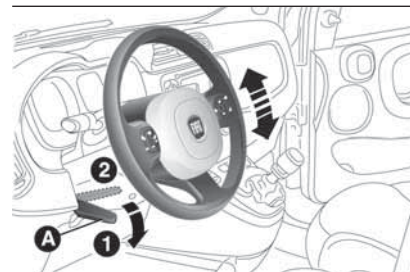
STEERING WHEEL

 13) 14)

ADJUSTMENTS

The steering wheel can be adjusted vertically.

To adjust, move lever A fig. 14 downwards to position 1, then adjust the steering wheel to the most suitable position and lock it in position by moving lever A to position 2.



14

F1D0013



WARNING

13) Adjustments must be made only with the vehicle stationary and engine off.

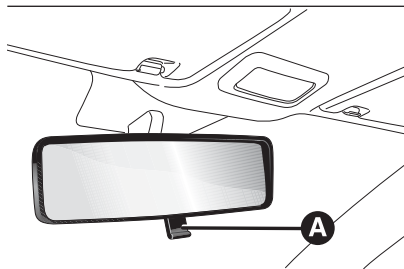
14) It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could adversely affect performance and safety, invalidate the warranty and also result in non-compliance of the vehicle with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

Manual adjustment

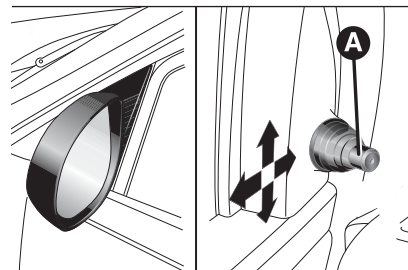
From the inside of the vehicle, operate lever A fig. 16 to adjust the mirror.

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:

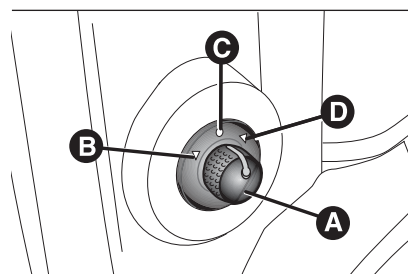


16

F1D0015

- 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



IMPORTANT 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 vehicle interior.

IMPORTANT When driving, the mirrors must always be open.



WARNING

15) 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 external 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.


AUTOMATIC LIGHT CONTROL


(Dusk sensor)

(for versions/markets, where provided)

This infrared LED sensor, located on the windscreen, detects the variations in outside brightness depending on the light sensitivity set with the Setup Menu: the greater the sensitivity, the less external light is required to activate the exterior lights.

Activation

The dusk sensor activates when ring nut A fig. 18 is turned to . In this way the side lights and dipped beam headlights are activated automatically according to the external light level. Following automatic light activation, the fog lights (for versions/markets, where provided) and rear fog light may still be switched on. When the lights are automatically switched off, the front and rear fog lights (if activated) are also switched off. The next time the lights are switched on automatically, the fog lights must be reactivated manually (if required).

With dusk sensor active, it is not possible to keep the main beam headlights on constantly; only flashing is permitted. To switch these lights on constantly, turn ring nut A to  and pull the stalk towards the steering wheel.

On automatic sensor controlled deactivation, the dipped headlights are deactivated first, followed by the side lights a few seconds later.

If the sensor is activated but is malfunctioning, the side lights and dipped headlights are switched on irrespective of the external lighting conditions: the sensor failure is indicated on the display. It is also possible to deactivate the sensor and switch on the desired lights, if necessary.





IMPORTANT The sensor cannot detect the presence of fog. These lights must therefore be switched on manually in these circumstances.

SIDE LIGHTS/DAYTIME RUNNING LIGHTS (DRL) "Daytime Running Lights" (for versions/markets, where provided)





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



SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS


With the ignition key turned to MAR, turn ring nut 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. When the ignition key is turned to STOP or removed and the ring nut A is turned from **O** to , all the side lights and the number plate lights come on. The  warning light will come on in the instrument panel.

PARKING LIGHTS


These lights can only be turned on with ignition key in STOP position or removed, by moving the ring nut A fig. 18 first to position **O** and then to position . The  warning light switches on in the instrument panel.

MAIN BEAM HEADLIGHTS

To activate the main beam headlights, with ring nut A fig. 18 at , pull the stalk towards the steering wheel beyond the end of travel position. 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 are deactivated, the dipped beam headlights are reactivated and the  warning light switches off.



FLASHING

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 flash five times and then switch off 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 on STOP or removed, pull the stalk towards the steering wheel within 2 minutes from turning the engine 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

Press the  button, on the dashboard, to switch on the rear fog lights.

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


FOG LIGHTS/REAR FOG LIGHTS


(for versions/markets, where provided)

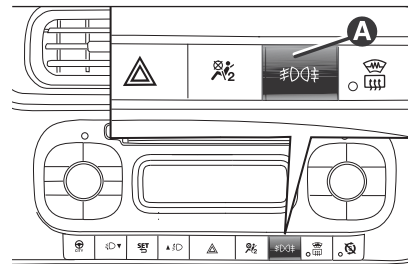
The fog lights can be activated only when the dipped beam headlights are on.

To turn on the front/rear fog lights, press button A fig. 19 as follows:

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

With 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.



19

F1D0024

WARNING

16) The daytime running lights are an alternative to dipped headlights for driving during the daytime. They are compliant in countries where it is obligatory to have lights on during the day and permitted in those where it is not obligatory.

17) Daytime running lights cannot replace dipped 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

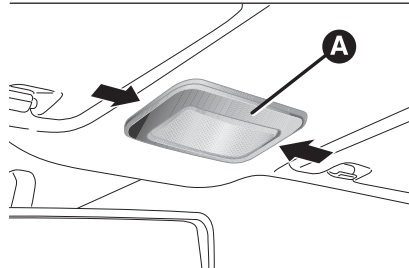


FRONT ROOF LIGHT

Singe-bulb roof light

The lens of roof 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

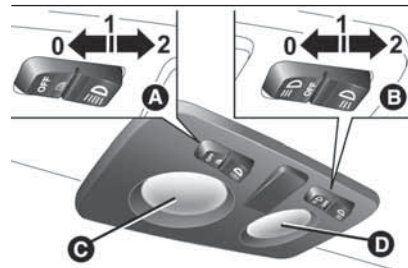
(for versions/markets, where provided)

Switch A fig. 21 is used to switch on/off the roof light bulbs.

Switch A positions:

- 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 right (position 2): lights C and D are always switched on. The lights switch on/off gradually. Switch B positions 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

IMPORTANT Before getting out of the vehicle, make sure that both switches are in the central position: when the doors are closed the lights will switch off to avoid draining the 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 vehicle;
- when getting out of the vehicle.



WINDOW CLEANING

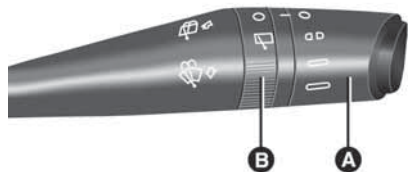
WINDSCREEN WIPER/WASHER



This operates only with the ignition key turned to MAR.

Ring nut A fig. 22 has four different positions:

- windscreen wiper off.
- intermittent 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 ring nut A fig. 22 in position, the windscreen wiper will automatically adapt its operating speed to the speed of the vehicle.

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 approximately 6 seconds completes the cycle.

REAR WINDOW WIPER/WASHER



This operates only with the ignition key turned to MAR.

Turn ring nut B fig. 22 from position 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 (unstable 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.



WARNING

4) Do not use the windscreen wiper to remove layers of snow or ice from the windscreen. In such conditions, the windscreen wiper may be subjected to excessive stress and the motor cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not restored (even after turning the key and restarting the engine), contact a Fiat Dealership.

5) Do not operate the windscreen wiper with the blades lifted from the windscreen.

6) Make sure the device is switched off whenever the windscreen must be cleaned.

7) Do not use the rear window wiper to remove layers of snow or ice. In such conditions, the wiper may be subjected to excessive stress and the motor cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not subsequently restored, contact a Fiat Dealership.



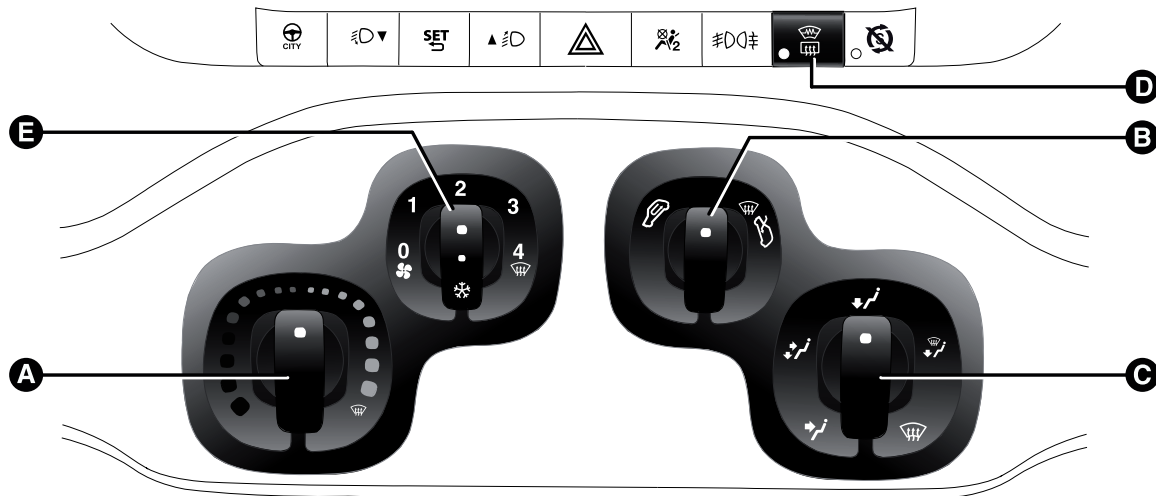
CLIMATE CONTROL SYSTEM



HEATER/MANUAL CLIMATE CONTROL SYSTEM

(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.

C - Air distribution knob:

air outlet from the central and side vents of the dashboard.

-  air outlet from the footwell and the dashboard vents.
-  air outlet from footwell vents.
-  air outlet from footwell, windscreen and front side window vents.
-  air outlet from windscreen vents.

D - Heated rear window and (for versions/markets, where provided) heated mirrors/heated windscreen activation/deactivation.

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

IMPORTANT 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.

Note To stop the air flow from the vents, turn the knob to 0.

ADDITIONAL HEATER

(for versions/markets, where provided)

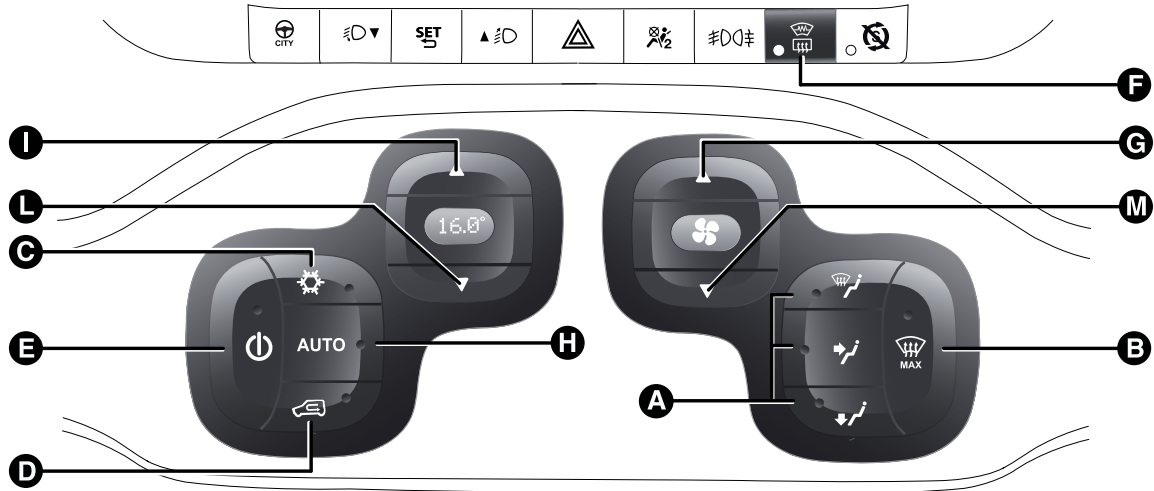
The additional heater speeds up passenger compartment warming when it is very cold. The heater switches on automatically according to the environmental conditions and with engine started when the temperature of the engine coolant is low. The additional heater turns off automatically after the required comfort conditions are achieved.

The heater only works if the outside temperature and engine coolant temperature are low. The heater will not activate if the battery voltage is too low.



AUTOMATIC CLIMATE CONTROL SYSTEM

(for versions/markets, where provided)

Controls

24

F1D0133

A - Manual air distribution selection.

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

- air outlet from the windscreen and front side window vents to demist or defrost them.
- air outlet from the dashboard central and side vents to ventilate the chest and the face.
- air outlet from 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.
- air outlet from the footwell vents (warmest air) and the dashboard vents (coolest air).
- air outlet from footwell, windscreen and front side window vents. This type of distribution achieves effective heating of the passenger compartment and prevents the windows from misting up.

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

C - Climate control system compressor activation/deactivation.

D - Internal air recirculation activation/deactivation button.

E - Climate control on/off.

F - Heated rear window and (for versions/markets, where provided) heated mirrors/heated windscreen activation/deactivation.

G/M - Fan speed adjustment.

H - AUTO function activation (climate control system automatic operation).

I/L - Adjustment of temperature inside the passenger compartment.

The automatic climate control manages the Stop/Start 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 Stop/Start 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

18) It is advisable not to use the air recirculation function when the outside temperature is low, because the windows could rapidly steam up.



WARNING

2) The system uses R134a coolant which does not pollute the environment in the event of accidental leakage. Never use R12 fluid, which is not compatible with the system components.



ELECTRIC WINDOWS

FRONT ELECTRIC WINDOWS

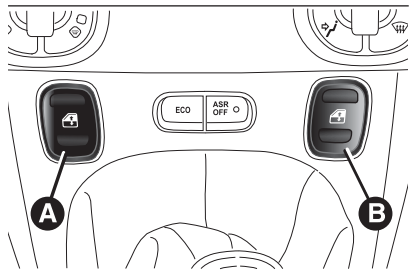
! 19) 20)

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 the passenger side.



25

F1D0031

MANUAL REAR WINDOW WINDERS

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



WARNING

19) *Incorrect use of the electric windows may be dangerous. Before and during operation, always check that nobody is exposed to the risk of being injured either directly by the moving window or through objects getting caught or by being hit.*

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

ELECTRIC SUN ROOF

(for versions/markets, where provided)

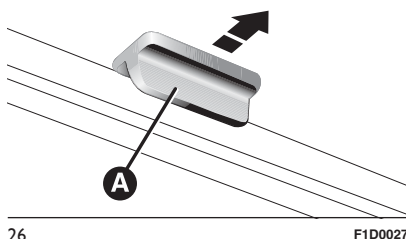
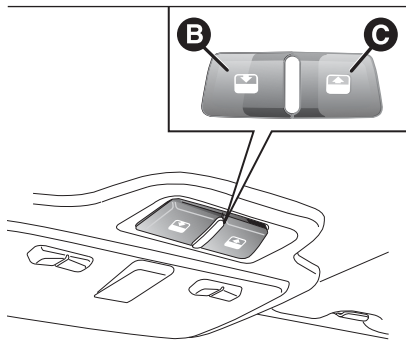
! 21) A) 8)

The large electric sun roof comprises two glass panels; the front one is mobile and the rear one fixed. These are equipped with two sun blinds (front and rear) that can be moved manually. With the sun roof closed, the blinds can be placed in any position. To open the blinds, grip handle A fig. 26, following the direction indicated by the arrow until the desired position is reached. To close them, carry out the procedure in reverse.

The sun roof can be operated only with the ignition key turned to MAR.

Opening

Press and hold down button C fig. 26. The front glass panel will move into the spoiler position. After opening in spoiler position, press button C fig. 26 for more than half a second to bring the roof automatically to fully open position. The automatic roof movement can be stopped in any position by pressing button B or C again.



26

F1D0027

Closing

Press button B fig. 26 from the fully open position for more than half a second to automatically move the sun roof to spoiler position.

From the spoiler position, press button B again to reach the fully closed position.

ANTI-PINCH DEVICE

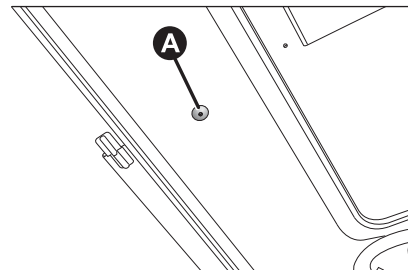
(for versions/markets, where provided)

The sunroof has an anti-pinch safety system capable of detecting the presence of an obstacle whilst the roof is closing; when this happens, the system stops and the movement of the glass is immediately reversed.

EMERGENCY OPERATION

If the electrical device for moving the roof fails, the sun roof can be moved manually proceeding as described below:

- for manual activation remove the protective cap A fig. 27 from its housing which is located on the internal covering in front of the sun blind;
- take the Allen key provided and located in the tool box in the luggage compartment or, depending on the version, inside the glove compartment;
- insert the key provided into the housing A fig. 27 and turn it clockwise to open the roof or anticlockwise to close the roof.



27

F1D0028

INITIALISATION PROCEDURE

Following an automatic movement malfunction while opening/closing or after an emergency manoeuvre (see description in the previous paragraph), the automatic operation of the sun roof must be initialised again. Proceed as follows:

- press button B fig. 26 in closing position;
- hold down button B: after approximately 10 seconds the roof moves jerkily to closing position. Once the operation has ended (roof closed) release button B;
- turn the ignition key to STOP and keep it there for 10 seconds;
- turn the ignition key to the MAR position;
- Press button B in closed position;



- ❑ hold down button B until the roof is completely closed: the initialisation procedure has ended;
- ❑ press button B again within 3 seconds from the conclusion of the initialisation procedure;
- ❑ hold down button B: the roof will perform an automatic opening and closing cycle: should this not occur, repeat the operation from the beginning;
- ❑ keeping button B held down, wait until the roof is completely closed.



WARNING

21) When leaving the vehicle, always remove the key from the ignition to avoid the risk of injury due to accidental operation of the sun roof. Improper use of the roof can be dangerous. Before and during operation, always check that nobody is at risk of being injured by the moving sun roof or by objects getting caught or hit by it.



WARNING

8) Do not open the sunroof if snow or ice is over it: you may damage it. In vehicles with sun roof no roof rack can be fitted.

DUALDRIVE ELECTRIC POWER STEERING



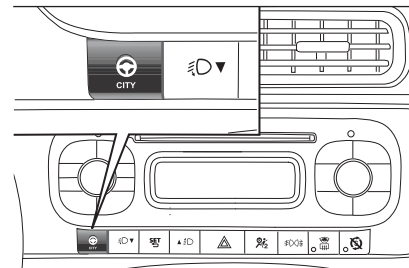
22) 23)

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.

IMPORTANT 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. 28 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.



28

F1D0025

IMPORTANT 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 vehicle is used again later on, the power steering will work normally.



WARNING

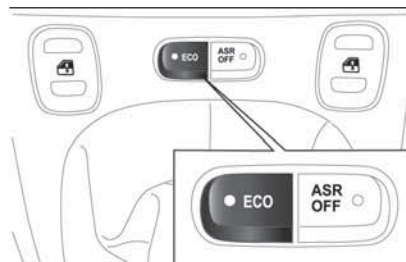
22) It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could adversely affect performance and safety, invalidate the warranty and also result in non-compliance of the vehicle with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

23) Before servicing the vehicle, switch off the engine and remove the key from the ignition switch to activate the steering lock. This is especially important when the vehicle wheels are not touching 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. 29.



29

F1D0140

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

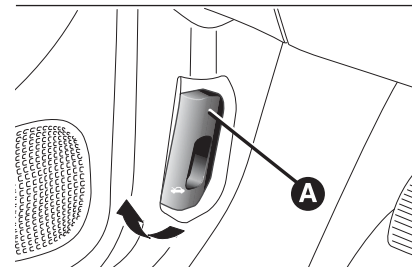
This function stays in the memory and, when the vehicle is started again, the system keeps the setting it had before the engine was stopped. Press the ECO button again to deactivate the function and restore the normal driving setting.

BONNET

OPENING

Proceed as follows:

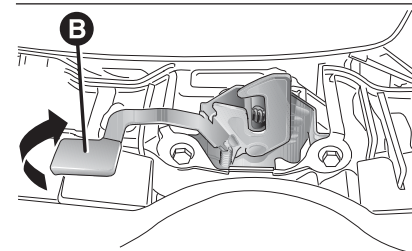
pull lever A fig. 30 in the direction indicated by the arrow;



30

F1D0035

move lever B fig. 31 to the left;

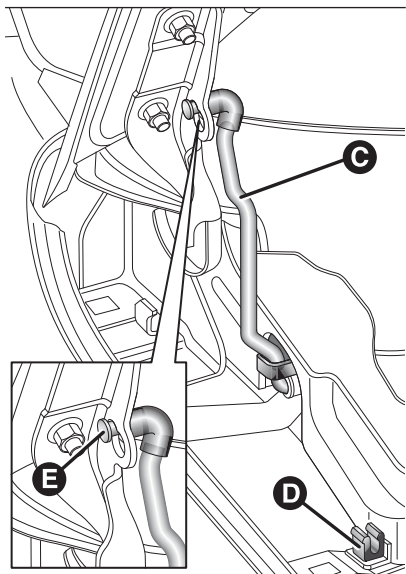


31

F1D0036



□ lift the bonnet and, at the same time, release the supporting rod C fig. 32 from its catch D, then insert the end of the rod into housing E in the bonnet (large hole) and push to safety position (small hole).



32

F1D0037

⚠ 24) 25)

CLOSING

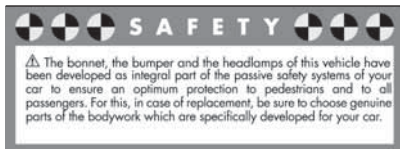
Proceed as follows:

- keep the bonnet raised with one hand and remove rod C fig. 32 from housing E with the other, inverting the opening motion, then 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.

⚠ 26) 27)

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

The following plate fig. 33 is applied inside the engine compartment:



33

F1D1000



WARNING

24) *Incorrect positioning of the supporting rod may cause the bonnet to drop suddenly.*

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

26) *Perform these operations only with vehicle stationary.*

27) *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 during travel, stop immediately and close the bonnet in the correct manner.*

LUGGAGE COMPARTMENT



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


OPENING



By mechanical key

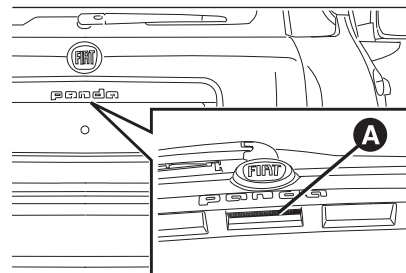
On versions with mechanical key, the luggage compartment can be opened from outside the vehicle, inserting the metal insert of the key in the latch on the tailgate handle and rotating.

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 vehicle using the electric opening handle A fig. 34 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.



34

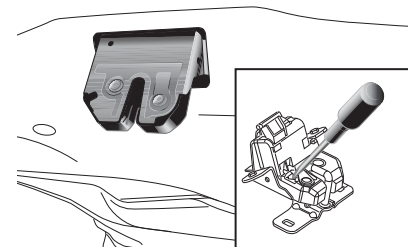
F1D0032

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. 35.



35

F1D0033

CLOSING






Pull the grab handle located inside the tailgate.

IMPORTANT Before closing the luggage compartment make sure that you have the keys since the luggage compartment is automatically locked.



LUGGAGE COMPARTMENT INITIALISATION

IMPORTANT If the battery is disconnected or the protection fuse blows, the luggage compartment opening/closing mechanism must be reinitialised as follows: close all the doors and the tailgate, press the  button on the remote control, then press the  button

 30) 31) 32)



WARNING

28) Take care not to knock objects on the roof rack when opening the tailgate.

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

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

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

32) If you are travelling in an area with limited opportunities for vehicle refuelling and you wish to bring petrol with you in a petrol can, you must do so in compliance with current regulations and using an approved can, appropriately secured to the load securing attachments. Anyway, by doing so, you increase the risk of fire in the event of an accident with your vehicle.

VERSION WITH LPG SYSTEM



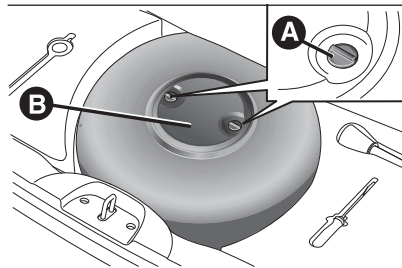
 33) 34) 13)  9) 10) 11) 12)

INTRODUCTION

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

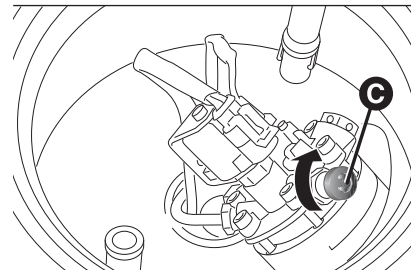
Although the LPG system has numerous safety features, it is advisable to proceed as follows every time the vehicle is not in use for a long period or moved in an emergency as a result of a breakdown or accident:

- unscrew the fixing devices A fig. 36, then remove the cover B;
- close the LPG cock by rotating the ring nut C fig. 37 clockwise;
- refit the cover and retighten the fastening devices.



36

F1D0111



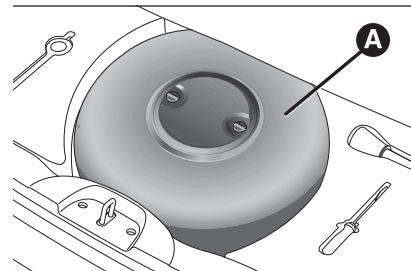
37

F1D0112

LPG TANK

 13)

The vehicle has a (pressurised) tank A fig. 38 for collecting LPG in a liquid state. It is ring-shaped and is located in the spare wheel compartment with suitable protection.



38

F1D0113

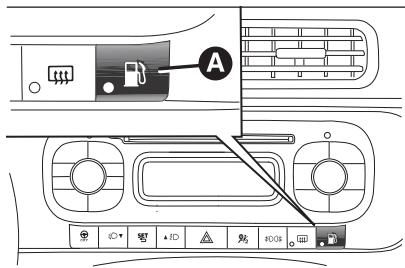
LPG tank certification

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 vehicle 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 any case, when the time limit in the individual country has run out, contact a Fiat Dealership to have the tank replaced.

SELECTION OF PETROL/LPG SUPPLY TYPE

 35)  14) 15) 16)


The (petrol/LPG switch) button A fig. 39 allows drivers to select petrol or LPG operation.




39

F1D0109

To guarantee switching in absolute 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  on 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.

SUPPLIES

 17) 18)

LPG

Maximum refuelling capacity (reserve included): 30.5 litres. The figure already takes into account the 80% tank filling limit and the residual fluid required for correct priming and it is 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

33) It should be pointed out that in some countries (including Italy) there are legal restrictions in force for parking/garaging motor vehicles with gas that has a higher density than air; LPG comes under this category.

34) Modifications or repairs to the fuel system that are not carried out correctly or do not take the system technical specifications into account can cause malfunctions leading to a fire risk.

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



WARNING

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

10) If, during LPG operation, the same runs out, the vehicle switches to petrol automatically and all the bars of the digital gauge on the display switch off; this displaying remains until the following LPG refuelling.






11) The vehicle 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 vehicle, follow the instructions in the "Towing the vehicle" paragraph of the Owner Handbook.

12) When painting in an oven, the LPG tank must be removed from the vehicle 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 vehicle 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. 36, then remove the cover B. Close the LPG cock rotating the ring nut C fig. 38 clockwise. Refit the cover and retighten the fastening devices.

13) 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 excess) (see instructions in the "Capacities" paragraph of this Supplement). If the level is above 30.5 litres (reserve included) contact a Fiat Dealership immediately.

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

15) 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 logic 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.





16) 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 an indication of switching on the instrument panel. 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.

17) Only use LPG for motor vehicles.

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

VERSION WITH METHANE SYSTEM (Natural Power)



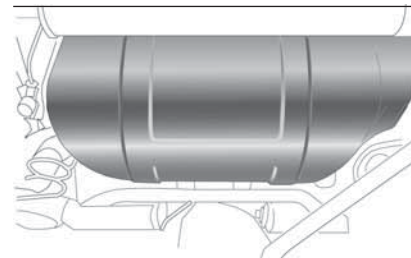
 36)  37)  38)  19)

INTRODUCTION

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

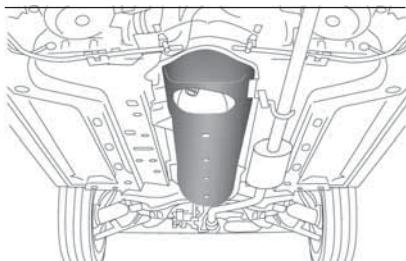
METHANE CYLINDERS

The vehicle is equipped with two cylinders (total capacity about 72 litres) fig. 40 - fig. 41 located under the floor of the vehicle and protected by two special guards.



40

F1D0137



41

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 vehicle 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.

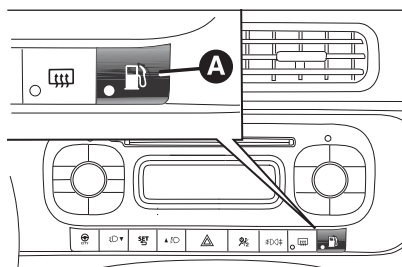
IMPORTANT If the vehicle has been registered in a country other than Italy, the certification data, identification and inspection procedures for the methane cylinders should conform to the legislation in that country. In any case, remember that the life of the cylinders is 20 years from the production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

SELECTION OF PETROL/METHANE SUPPLY TYPE

39) 20) 21) 22)

This engine normally runs on methane except during starting, when it runs on petrol.

The (petrol/methane switch) button A fig. 42 allows drivers to select petrol or methane operation.



42

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 on 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.

SUPPLIES

Methane

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



**WARNING**

36) 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 methane system parts when towing or raising the vehicle, follow the instructions in the "Towing the vehicle" paragraph of the Owner Handbook. If there is a problem with 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 reduce safety.

37) In the case of painting in an oven, the cylinders should be removed from the vehicle and refitted later by a Fiat Dealer. 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.


38) Modifications or repairs to the fuel system that are not carried out correctly or do not take the system technical specifications into account can cause malfunctions leading to a fire risk.



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

**WARNING**

19) If, during methane operation, the same runs out, the vehicle switches to petrol automatically and all the bars of the digital gauge on the display switch off; this displaying remains until the next methane refuelling.

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

21) 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 vehicle. As a result of the switching logic 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.

22) 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 gives you all the information you need to understand, interpret and use the instrument panel correctly.



CONTROL PANEL AND ON-BOARD INSTRUMENTS	38
DISPLAY	39
WARNING LIGHTS AND MESSAGES	41
- Red warning lights	41
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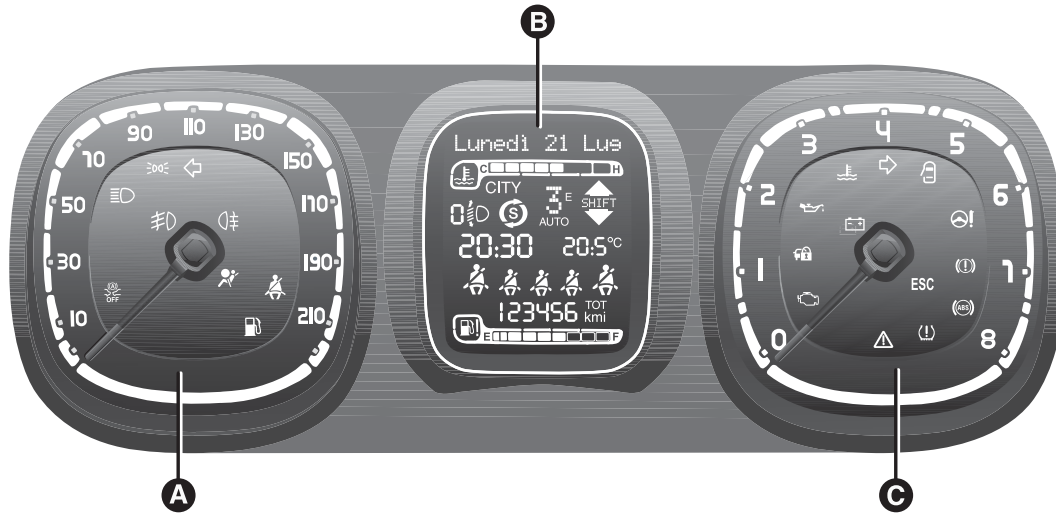


CONTROL PANEL AND ON-BOARD INSTRUMENTS

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.

The warning lights  and  are only present on Diesel versions. On diesel versions, the maximum engine speed (red range on the rev counter) corresponds to 6000 rpm.



43

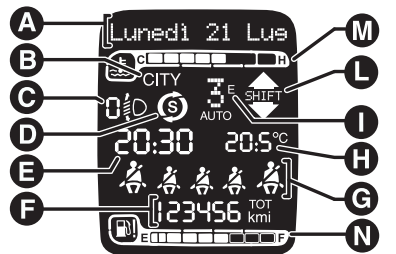
F1D0001

A. Speedometer (speed indicator) – B. Multifunction display – C. Rev counter

DISPLAY



The display fig. 44 will show the following information:



44

F1D0002

- A Date
- B Dualdrive electric power steering engagement indication (CITY text)
- C Headlight alignment position (only with dipped beam headlights on)
- D Stop/Start function indication (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 Gear engaged indication (Duallogic versions only)

L Gear Shift Indicator (for versions/markets, where provided)

M Engine coolant temperature indicator.

N Fuel level indicator.

GEAR SHIFT INDICATOR

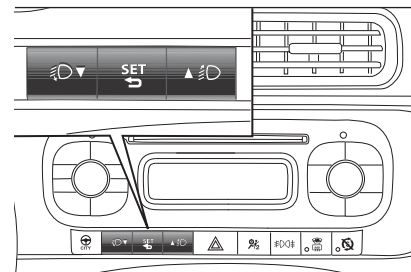
The GSI (Gear Shift Indicator) system advises the driver to change gear through a specific indication on the control panel. Through the GSI, the driver is notified that changing gear will allow a reduction in fuel consumption. When the SHIFT UP icon (▲ SHIFT) is shown on the display, the GSI is advising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

CONTROL BUTTONS

They are located on the dashboard fig. 45.

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



45

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
- LIGHTING
- SPEED BUZZER
- HEADLIGHT SENSOR (for versions/markets where provided)
- TRIP B ACTIVATION/DATA
- SET TIME
- SET DATE
- SEE RADIO
- AUTOCLOSE
- MEASUREMENT UNIT
- LANGUAGE
- WARNING 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
- CITY BRAKE C./COLLISION MITIGATION (for versions/markets, where provided)
- EXIT MENU

Deactivating front passenger 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 message "Bag pass: Off" (to deactivate) or "Bag pass: On" (to activate) is displayed by pressing buttons **▲** and **▶** or **▼** and **▶**, press the **SET** button again;
- a confirmation message will appear on the display;
- by pressing the **▲** and **▶** or **▼** and **▶** 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.

TRIP COMPUTER

The Trip Computer can be used to display information on vehicle operation when the key is turned to MAR. This function is composed of separate trips, called "Trip A" and "Trip B" which can monitor the entire mission (journey) in a reciprocally independent manner.

"Trip A" allows the following values to be displayed: "Outside temperature (for versions/markets, where provided)", "Range", "Distance travelled", "Average consumption", "Instantaneous consumption", "Average speed", "Trip time (driving time)"

"Trip B" allows the following values to be displayed: "Distance travelled B", "Average consumption B", "Average speed B", "Trip time (driving time) B". 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 "Range" and "Instantaneous fuel consumption" parameters cannot be reset.

WARNING LIGHTS AND MESSAGES


IMPORTANT INFORMATION

IMPORTANT Warning lights are accompanied by a specific message and/or sound when applicable. These indications are indicative and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner Handbook, which you are advised to read carefully in all cases. Always refer to the information in this chapter in the event of a failure indication.







IMPORTANT Fault indications displayed are divided into two categories: serious and less serious faults. 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
	<p>SEAT BELTS NOT FASTENED (for versions/markets, where provided)</p> <p>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 vehicle is in motion and the front seat belts are not correctly fastened.</p> <p>Contact a Fiat Dealership if you wish to permanently deactivate the SBR (Seat Belt Reminder) system buzzer. The system can be reactivated using the Setup Menu.</p>









Warning light	What it means
	<p>EBD FAILURE</p> <p>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 sharply. On certain versions a dedicated message is displayed.</p> <p>Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately.</p>
	<p>AIRBAG FAILURE</p> <p>When the ignition key is turned to MAR, the warning light turns on but should switch off after a few seconds.</p> <p>If the warning light switches on constantly, this indicates a fault in the airbag system. On certain versions a dedicated message is displayed.</p> <p> 40) 41)</p>




WARNING

40) If, when turning the key to MAR, the  warning light does not turn on or if it stays on when travelling, there could be a fault in the restraint systems; in this event airbags or pretensioners may not be deployed in the event of impact or, in a lower number of cases, they may deploy accidentally. Before continuing, contact a Fiat Dealership immediately to have the system checked.



41) 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.

Warning light	What it means
	<p>LOW BRAKE FLUID/HANDBRAKE ENGAGED</p> <p>When the ignition key is turned to MAR, the warning light turns on but should switch off after a few seconds.</p> <p>Low brake fluid level</p> <p>The warning light switches on when 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.</p> <p> 42)</p> <hr/> <p>Handbrake engaged</p> <p>The warning light switches on when the handbrake is engaged. If the vehicle is moving a buzzer will also sound.</p> <p>IMPORTANT If the warning light turns on when travelling, check that the handbrake is not engaged.</p>
	<p>LOW BATTERY CHARGE</p> <p>(for versions/markets, where provided)</p> <p>The warning light comes on when the ignition key is turned to MAR, but it should go out as soon as the engine has started (with the engine running at idle speed a brief delay before going out is acceptable). If the warning light stays on constantly or flashing, on some versions along with a dedicated message on the display, contact a Fiat Dealership.</p>
	<p>DOORS/BONNET/LUGGAGE COMPARTMENT OPEN</p> <p>The warning light switches on, on some versions along with a message and a symbol in the display, when one or more doors, the bonnet or the tailgate are not properly closed. An acoustic signal is emitted with the doors open and the vehicle in motion.</p>

 **WARNING**


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





Warning light	What it means
	<p>INSUFFICIENT ENGINE OIL/PRESSURE</p> <p>When the ignition key is turned to MAR the warning light switches on, but should switch off as soon as the engine is started.</p> <hr/> <p>Insufficient engine oil pressure</p> <p>The warning light turns on constantly, on some versions along with a message on the display, when the system detects that engine oil pressure is insufficient.</p> <p> 43)</p>



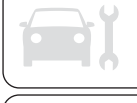
WARNING



43) If the  warning light comes on when the vehicle is travelling (on some versions along with the message on the display) stop the engine immediately and contact a Fiat Dealership.



Warning light	What it means
	<p>Engine oil degraded (diesel versions with DPF)</p> <p>The warning light comes on flashing, on some versions along with a dedicated message on the display. The warning light flashes for 3 minute cycles with the warning light off for intervals of 5 seconds until oil is changed.</p> <p>After the first indication, at each engine start up the warning light will continue flashing as described above until the oil is changed. On certain versions a dedicated message is displayed.</p> <p>The flashing of the warning light should not be considered as a fault, it simply informs the customer that the oil needs to be changed following normal vehicle use.</p> <p>Remember that the deterioration of the engine oil is accelerated by:</p> <ul style="list-style-type: none"> <input type="checkbox"/> mainly town use of the vehicle which makes the DPF regeneration process more frequent; <input type="checkbox"/> use of the vehicle for short drives, in which the engine does not have time to reach its regular operating temperature; <input type="checkbox"/> repeated interruption of the regeneration process, signalled by the DPF warning light switching on. <p> 44)</p>

 **WARNING**

44) Degraded engine oil should be replaced as soon as possible after the warning light comes on, and never more than 500 km after it first comes on. Failure to observe the above indications may result in severe damage to the engine and invalidate the warranty. Remember that the operation of this warning light is not related to the amount of oil in the engine. Therefore, never top up with oil when the light starts flashing.

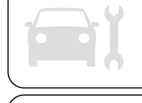


Warning light	What it means
	<p>ENGINE COOLANT TEMPERATURE TOO HIGH</p> <p>When the key is turned to MAR, the warning light switches on but it should switch off after a few seconds. The warning light comes on, on some versions along with a message on the display, when the engine is overheated.</p> <p>When driving normally: stop the vehicle, switch off the engine and check that the water level in the reservoir is not below the MIN mark. If it is, 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. Also check visually for any fluid leaks. If, when restarting, the warning light switches on again, contact a Fiat Dealership.</p> <p>If the vehicle is used under demanding conditions (e.g. towing trailers uphill or fully loaded): slow down and, if the warning light stays on, stop the vehicle. 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.</p> <p>IMPORTANT Over demanding routes, it is advisable to keep the engine on and slightly accelerated for a few minutes before switching it off.</p>
	<p>“DUALDRIVE” ELECTRIC POWER STEERING FAILURE</p> <p>The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds.</p> <p>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.</p> <p>In this case, contact a Fiat Dealership.</p> <p>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 vehicle 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.</p> <p>IMPORTANT After the battery is disconnected, the steering must be initialised. The warning light switches on to indicate this. To carry out this procedure, simply turn the steering wheel all the way from one end to the other or drive in a straight line for about a hundred metres.</p>




Warning light	What it means
	<p>"DUALOGIC" GEARBOX FAILURE</p> <p>When the ignition key is turned to MAR, the warning light switches on but should switch off after a few seconds.</p> <p>The warning light comes on flashing, along with a dedicated message on the display and an acoustic signal, to indicate gearbox failure.</p> <p> 23)</p>

 **WARNING**



23) *In the case of a gearbox failure, contact a Fiat Dealership as soon as possible to have the system checked.*






Amber warning lights



Warning light	What it means
	<p>ABS FAILURE When the key is turned to MAR, the warning light switches on 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.</p>
	<p>PASSENGER/SIDE AIRBAGS DEACTIVATED The warning light is located on the dashboard in central position and switches on deactivating the front passenger airbag and the side airbag. 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.  45)</p>

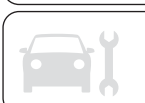
 **WARNING**



45) Failure of the  warning light is indicated by the  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.




Warning light	What it means
	<p>City Brake Control - "Collision Mitigation" SYSTEM DEACTIVATED (for versions/markets, where provided)</p> <p>The warning light switches on when the City Brake Control - "Collision Mitigation" system is deactivated through the Setup Menu.</p>
	<p>INJECTION/EOBD SYSTEM FAILURE</p> <p>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.</p> <p>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.</p> <p>Under these conditions, you may continue travelling at a moderate speed without demanding excessive effort from the engine. Prolonged use of the vehicle with the warning light on constantly may cause damage: contact a Fiat Dealership as soon as possible.</p> <p>The warning light switches off if the malfunction disappears, but is still stored by the system.</p> <p>NOTE 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.</p> <p> 24)</p>

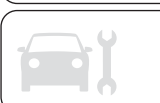
 **WARNING**



24) Contact a Fiat Dealership as soon as possible if the  warning light either does not switch on when the key is turned to MAR or if while driving the warning light switches on either constantly or flashing (along with a message and a symbol on the display on some versions). Operation of the  warning light may be verified by traffic control officers using appropriate equipment. Comply with the laws and regulations of the country where you are driving.



Warning light	What it means
	<p>ESC SYSTEM (for versions/markets, where provided)</p> <p>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 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.</p>
	<p>Hill Holder failure</p> <p>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.</p>
	<p>ELD system failure (For versions/markets, where provided)</p> <p>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.</p>
	<p>FIAT CODE SYSTEM FAILURE</p> <p>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.</p>

Warning light	What it means
	<p>GLOW PLUG HEATING/GLOW PLUG HEATING FAILURE (diesel versions)</p> <p>Plug preheating This warning light switches on when the key is turned to MAR. It should switch off as soon as the heater plugs have reached a preset temperature. The engine can be started as soon as the warning light switches off.</p> <hr/> <p>IMPORTANT At moderate or high ambient temperatures the warning light may stay on for an extremely short time.</p> <hr/> <p>Heater plug preheating failure The warning light will flash, on some versions along with a dedicated message on the display, to indicate a fault in the plug preheating system. Contact a Fiat Dealership as soon as possible to have the fault fixed.</p>
	<p>FUEL RESERVE - LIMITED RANGE</p> <p>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.</p> <p>IMPORTANT The warning light will flash to indicate a system fault. If this is the case, go to a Fiat Dealership to have the system checked.</p>
	<p>REAR FOG LIGHT</p> <p>The warning light switches on when the rear fog light is turned on.</p>




Warning light	What it means
	<p>DPF (PARTICULATE FILTER) CLEANING IN PROGRESS (Diesel versions with DPF)</p> <p>When the ignition key is turned to MAR, the warning light turns on but should switch off after a few seconds.</p> <p>The warning light switches on constantly, on some versions along with a dedicated message on the display, to notify the driver that the DPF system needs to eliminate captured pollutants (particulate) through the regeneration process.</p> <p>The warning light does not come on every time the DPF is being regenerated, rather only when the driving conditions are such that the driver needs to know it. To switch the warning light off, the vehicle must be kept moving until the regeneration process is completed. On average, the process lasts 15 minutes. Optimal conditions for completing the process are achieved by travelling at 60 km/h with engine speed above 2000 rpm.</p> <p>If this light switches on, it does not mean that the vehicle is defective, so there is no need to take it to a workshop.</p> <p> 46)</p>





WARNING

46) Always drive at a speed appropriate to the traffic conditions, the weather and traffic regulations. The engine can also be switched off if the DPF warning light is on; nevertheless, repeated interruptions of the regeneration process could cause an early deterioration of engine oil. For this reason, always wait until the warning light switches off before stopping the engine as described above. It is not advisable to complete DPF regeneration with the vehicle stationary.


Warning light	What it means
	<p>GENERIC FAILURE INDICATION (for versions/markets, where provided) The warning light turns on in the following circumstances.</p>
	<p>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 vehicle exceeds this value, on some versions a dedicated message is shown in the display and an acoustic signal is emitted.</p>
	<p>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.</p>
	<p>Stop/Start system failure (for versions/markets, where provided) The warning light comes on when a fault is detected in the Stop/Start system. In the event of a Stop/Start system failure, contact a Fiat Dealership.</p>
	<p>Temporary or permanent City Brake Control - "Collision Mitigation" 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 - "Collision Mitigation" system fault is detected. If the fault is permanent: contact a Fiat Dealership to have the system checked.</p>






Warning light	What it means
	<p>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.</p>
	<p>Exterior light 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).</p>
	<p>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.</p>
	<p>ELD system fault (Panda Cross and Panda 4x4 versions) 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.</p>
	<p>Water in diesel filter (diesel versions) (for versions/markets, where provided) When the key is turned to MAR, the warning light switches on but it should switch off after a few seconds. The warning light switches on when water is detected in the diesel filter. On certain versions a dedicated message is displayed.</p> <p> 25)</p>









WARNING



25) If the  warning light switches on (on some versions together with the dedicated message on the display), contact a Fiat Dealership as soon as possible to have the system bled. If this problem is indicated immediately after refuelling, water may have entered the fuel tank. In this case, immediately turn off the engine and contact a Fiat Dealership.

Warning light	What it means
	<p>iTPMS (for versions/markets, where provided)</p> <p>Tyre pressure low</p> <p>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 vehicle are restored, carry out the Tyre reset procedure.</p> <p>IMPORTANT Do not continue driving with one or more flat tyres as handling may be compromised. Stop the vehicle, avoiding sharp braking and steering.</p> <hr/> <p>iTPMS failure/iTPMS temporarily deactivated</p> <p>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.</p>
	<p>LPG FUEL RESERVE (for versions/markets, where provided)</p> <p>The warning light switches on when the residual quantity of LPG in the cylinder goes below 1/5 of the capacity. On some versions a dedicated message is displayed.</p>
	<p>METHANE RESERVE (Natural Power versions)</p> <p>The warning light switches on when the residual quantity of methane in the cylinder goes below 1/5 of the capacity. On some versions a dedicated message is displayed.</p>




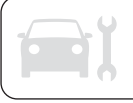
Green warning lights

Warning light	What it means
	<p>ELD SYSTEM (Panda Cross and Panda 4x4 versions) The warning light on flashing indicates activation of the electronic locking differential (ELD) function.</p>
	<p>HDC SYSTEM (Panda Cross versions) The warning light on constantly, along with a dedicated message on the display, indicates activation of the HDC 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.</p>
	<p>PETROL/LPG SWITCHING (for versions/markets, where provided) <i>Warning light on constantly:</i> LPG operation. <i>Warning light off:</i> petrol operation.</p>
	<p>PETROL/METHANE SWITCHING (for versions/markets, where provided) <i>Warning light on constantly:</i> methane operation. <i>Warning light off:</i> petrol operation.</p>
	<p>FOG LIGHTS The warning light switches on when the fog lights are turned on.</p>
	<p>SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS/FOLLOW ME HOME Side lights and dipped beam headlights The warning light switches on when side lights or dipped beam headlights are turned on.</p> <hr/> <p>Follow me home The warning light comes on, on some versions along with a message on the display, when the "Follow me home" device is used.</p>




Warning light	What it means
	<p>LEFT-HAND DIRECTION INDICATOR</p> <p>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.</p>
	<p>RIGHT-HAND DIRECTION INDICATOR</p> <p>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.</p>

Blue warning lights

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



Symbols and messages on the display

Symbols and messages on the display	
	<p>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.</p>
	<p>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.</p>
<p>STOP/START SYSTEM ACTIVATION/ DEACTIVATION (For versions/markets, where provided)</p>	<p>The message is displayed when the Stop/Start system is activated/deactivated by pressing the  button in the central part of the dashboard. With the Stop/Start system on, the LED on the button is off; if the system is deactivated the LED comes on.</p>
<p>HDC FUNCTIONS MESSAGES (Panda Cross versions)</p>	<p>With the "HDC" on, the following messages can be displayed.</p> <ul style="list-style-type: none"> <input type="checkbox"/> HDC on <input type="checkbox"/> HDC off <input type="checkbox"/> HDC cannot be activated <input type="checkbox"/> HDC off, wait for the brakes to cool down
<p>SERVICE (SCHEDULED SERVICING) EXPIRED</p>	<p>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.</p>

Symbols and messages on the display

DUALOGIC GEARBOX MESSAGES

For versions equipped with "Dualogic" gearbox, the following messages can be displayed:

- Reduce gear changes
- Manual mode not available
- Automatic mode not available
- Clutch overheating
- Press the brake pedal
- Press the brake pedal - delayed start-up
- Gear not available
- Manoeuvre not allowed
- Press brake pedal and repeat manoeuvre
- Positioning of the gear lever at N (neutral).

 **26) 27)**



WARNING

26) If the messages continue to be shown in the display, contact a Fiat Dealership.

27) In order to safeguard the efficiency of the clutch, do not use the accelerator to keep the vehicle stationary (e.g. when stopped on an incline); if the clutch overheats it could damage it; use the brake pedal instead and only use the accelerator pedal when you decide to set off.



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

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.

IMPORTANT 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 includes 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.

47) 48) 49) 50) 51) 52) 53) 54) 55)

ESC SYSTEM (Electronic Stability Control)

(for versions/markets, where provided)

This is an electronic system that controls vehicle stability in the event of tyre grip loss, 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.

56) 57) 58) 59) 60) 61)

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;

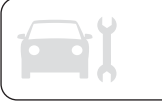
downhill: vehicle stationary on a road with a gradient higher than 5%, engine running, brake pressed and reverse gear engaged.

When setting off, the ESC system control unit maintains the braking pressure on the wheels until the torque necessary for starting is reached, or in any case for a maximum of 2 seconds, allowing your right foot to be moved easily from the brake pedal to the accelerator.

When two 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 vehicle is about to move.

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

IMPORTANT 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:

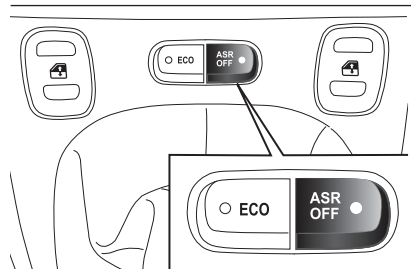
- if the slipping involves both drive wheels, the ASR intervenes reducing the power transmitted by the engine;
- if the slipping only involves one of the drive wheels, it intervenes automatically braking the wheel that is slipping.

Engagement/disengagement of the ASR 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. 46.

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.



46

F1D0038

When the ASR is deactivated whilst driving, the next time the vehicle 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.

62) 63) 64) 65) 66)

HBA (Hydraulic Brake Assist) SYSTEM

The HBA system is designed to improve the vehicle'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 by 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 not necessary anymore.

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

67) 68) 69)

ELD (Electronic Locking Differential) SYSTEM

(Panda Cross and Panda 4x4 versions)

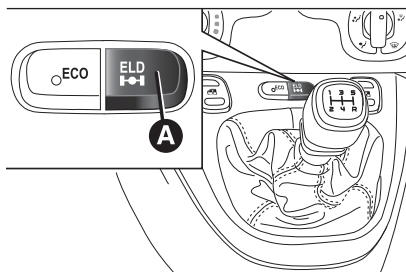
The ELD system allows the drive force to be evenly distributed over the same axle when one or both wheels are slipping. The ELD acts by braking the wheels with poor grip (or those slipping more than the others), thereby transferring the drive force to those which have greater grip on the ground. The 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. 47 (4x4 versions) or turn the ring nut fig. 48 to the right (Cross versions) and keep it in this position until LED 2 on the selector lights up.

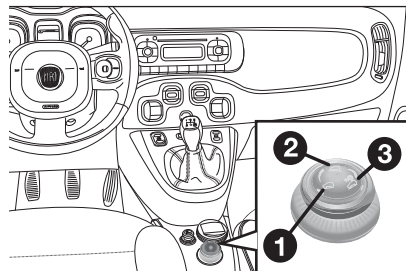


47

F1D0122

System intervention

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



48

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. 47 (4x4 versions) or turn the ring nut fig. 48 to the left (Cross versions) and keep it in this position until LED 1 on the selector lights up.


HDC (Hill Descent Control) SYSTEM

(Panda Cross versions)

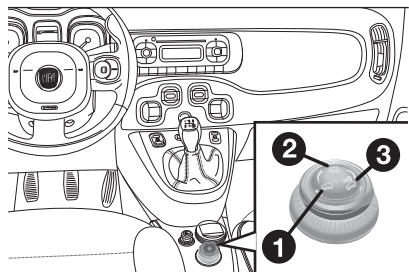
It is an integral part of the ESC system and is aimed at keeping the vehicle at a constant speed during a descent, operating autonomously on the brakes in various ways at the same time. In this way the HDC function helps the driver when facing steep gradient roads in low-grip and/or rough ground conditions.

Noise and vibrations coming from the wheel sides (brakes) when the HDC system is activated are normal. **IMPORTANT** 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 HDC system, turn ring nut fig. 49, 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.





49

F1D0116

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

System intervention

To activate the system reach a speed slower than 25 km/h. 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.

IMPORTANT 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.


IMPORTANT For speeds above 9 km/h, the HDC system must be used with a gear that is suitable for the set speed, in order to prevent possible engine stalling. While the HDC system is operating it is also possible to take control of the vehicle again by pressing the brake and accelerator pedals. If the HDC 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.

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

IMPORTANT On level ground in urban areas it is advisable to deactivate the HDC system intervention set-up, since for speeds below 25 km/h in some usage conditions, such as when setting off, gearshifting 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. 49 to the left, keeping it in this position until LED 3 on the selector switches off.

IMPORTANT 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 HDC 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.

IMPORTANT If the speed exceeds 25 km/h and is below 50 km/h, the HDC system intervention set-up is deactivated but is ready for being reactivated when the speed drops back below 25 km/h. In this case the indication on the instrument panel turns off and the LED on the ring nut stays on. If vehicle speed exceeds 50 km/h, the HDC 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.



WARNING

47) The ABS exploits the grip available to the full, but it cannot improve it. Therefore, you should take great care when driving on slippery surfaces, without taking unnecessary risks.

48) When the ABS cuts in and you feel the brake pedal pulsating, do not raise your foot, but keep it pressed; in doing so you will stop in the shortest amount of space possible depending on the current road conditions.

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

50) For maximum efficiency of the braking system, a bedding-in period of about 500 km is required: during this period it is advisable to avoid sharp, repeated and prolonged braking.

51) The ABS cannot alter the natural laws of physics, and cannot increase grip which depends on the condition of the road.

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

53) 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.

54) 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.

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

56) For the correct operation of the ESC 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 size.

57) 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.

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

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

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

61) 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.

62) 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 size.

63) 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 ultimately responsible for road safety.

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

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

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

67) 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.

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



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

DRIVING ASSISTANCE SYSTEMS

TP (Traction Plus) SYSTEM

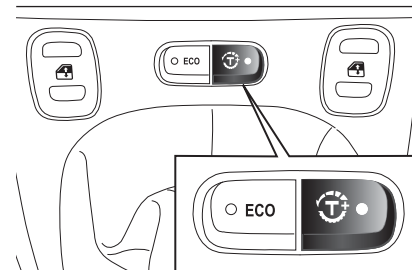
(for versions/markets, where provided)

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.

Engagement/disengagement

The system is deactivated when starting. To activate the Traction Plus system, press the T+ button fig. 50: the LED on the button switches on; the display shows a dedicated message. To disengage the system press the T+ button again.



50

F1D0039

Operation

This function operates below a threshold of 30 km/h. When this speed is exceeded, it is automatically deactivated (the LED in the button remains on) and it is reactivated as soon as the speed goes below the level of 30 km/h.

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.

CBC (City Brake Control) SYSTEM - "Collision Mitigation"

(for versions/markets, where provided)

70) 71) 72) 73) 74)

28) 29) 30) 31) 32) 33) 34)

This is a driving assistance system, which includes a laser sensor, located in the upper part of the windscreen fig. 51, 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.



51

F1D0041

The system only works 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 vehicle ahead could be hit, it may prepare the vehicle 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 Stop/Start system: at the end of the automatic braking, the Stop/Start system will activate as described in the "Stop/Start system" paragraph of the "Starting and driving" chapter.

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.

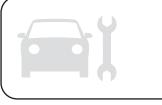
Versions equipped with "Dualogic" gearbox (for versions/markets, where provided): at the end of braking the last gear stored remains engaged.

IMPORTANT Both on versions equipped with manual gearbox and on those with "Dualogic" gearbox (for versions/markets, where provided), after the vehicle is stopped the brake calipers may be stuck for about 2 seconds for safety reasons. Make sure you press the brake pedal if the vehicle moves slightly forwards.

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

Engagement/disengagement

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

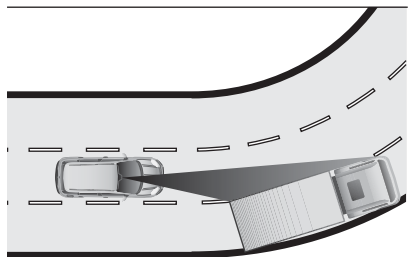


Driving in special conditions

In certain driving conditions, such as, for example:

- driving close to a bend (see fig. 52);
- vehicles with small dimensions and/or not aligned in the driving lane (see fig. 53);
- lane change by other vehicles (see fig. 54);

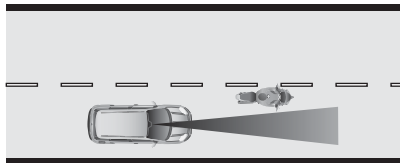
system intervention can be unexpected or delayed. The driver must therefore be very careful, keeping control of the vehicle to drive in complete safety.



52

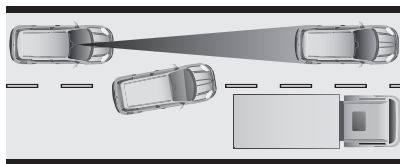
F1D0042

IMPORTANT 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.



53

F1D0043



54

F1D0044

iTPMS (indirect Tyre Pressure Monitoring System)

(for versions/markets, where provided)

⚠ (75) (76) (77) (78) (79) (80)

The vehicle 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 indication 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 wheel is fitted.

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

If the Reset 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 "Reset saved" message, indicating that the self-learning has been started.

Working 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 wheel, use of the "Fix&Go Automatic" 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 indication is displayed also after the engine has been switched off and then on again if the correct operating conditions are not restored.



WARNING

70) *The system is an aid for the driver, who must always pay full attention while driving. The responsibility always rests with the driver, who must take into account the traffic conditions in order to drive in complete safety. The driver must always maintain a safe distance from the vehicle in front.*

71) *If the driver 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).*

72) *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.*

73) *The system intervenes on vehicles 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.*



74) *If the vehicle 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 vehicle, 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.*

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

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

77) *Tyre pressure must be checked with tyres cold. Should it become necessary for whatever reason to check pressure with warm tyres, do not reduce pressure even though it is higher than the prescribed value, but repeat the check when tyres are cold.*

78) *The iTPMS cannot indicate sudden tyre pressure drops (for example when a tyre bursts). In this case, stop the vehicle, braking with caution and avoiding abrupt steering.*

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

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



WARNING

28) *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.*

29) *Sensor operation may also be compromised by the presence of dust, condensation, dirt or ice on the windscreen, by traffic conditions (e.g. vehicles that are driving not aligned with yours, vehicle 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.*

30) *Projecting loads on the roof of the vehicle 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.*

31) *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.*

32) *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.*

33) *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.*

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

OCCUPANT PROTECTION SYSTEMS

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

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

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

For the description of the headrest adjustment see the "Headrests" paragraph in the "Knowing your vehicle" chapter.

SEAT BELTS

USING THE SEAT BELTS

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.


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

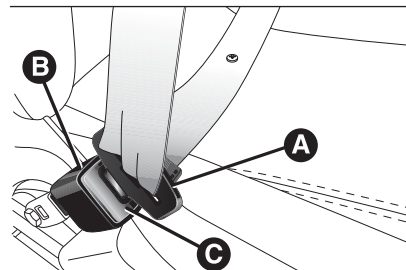
To fasten the seat belts, hold tongue A fig. 55 and insert it into buckle B, until it clicks into place. On removal, if the seat belt jams, let it rewind for a short stretch, then pull it out again without jerking.

To unfasten the seat belts, press button C. Guide the seat belt with your hand 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.

 81)

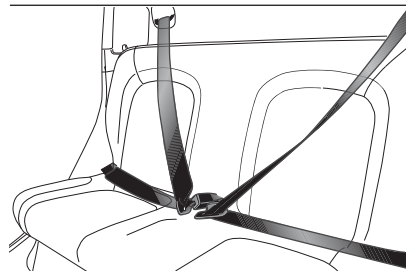
The rear seat is fitted with inertia seat belts with three anchor points and a retractor. Wear the rear seat belts as shown in fig. 56 (4-seater versions) or fig. 57 (5-seater versions).

 82) 83) 84)



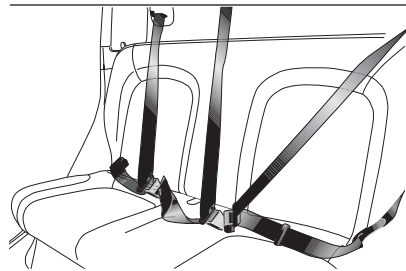
55

F1D0050



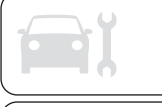
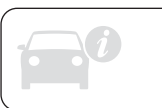
56

F1D0051



57

F1D0052



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

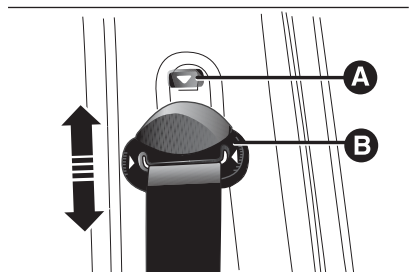
ADJUSTING THE SEAT BELT HEIGHT

(for versions/markets, where provided)



85) 86)

Four different adjustments in height are provided. To adjust, press button A fig. 58 and raise or lower 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.



58

F1D0053

For some versions, front seat belts have just one fixed anchor point located on the door pillar.



WARNING

81) Never press button C fig. 55 when travelling.

82) 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.

83) The rear central seat belt (for versions/markets, where provided) is provided with a service buckle. 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.

84) 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.

85) Stop the vehicle to adjust the seat belt height.

86) After height adjustment, make sure that the cursor to which the ring is secured is blocked in one of the preset positions. To do this, with button A fig. 58 released, exert further pressure downwards to allow the locking device to click if the grip has not been released in one of the possible positions.

SBR (Seat Belt Reminder) SYSTEM

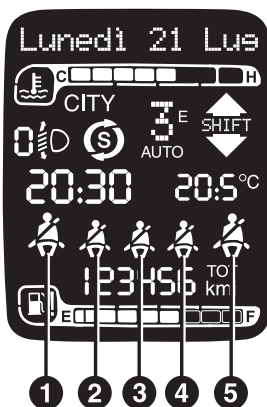
The SBR system warns the passengers of the front and rear (for versions/markets, where provided) seats if their seat belt is not fastened.

The system signals unfastened seat belts with visual warnings (warning lights on in the instrument panel and icons on the display) and an acoustic signal (see the following paragraphs). 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. 59 indicate:

- 1: front left seat belt;
- 2: rear left seat belt;
- 3: rear central seat belt;
- 4: rear right seat belt;
- 5: front right seat belt;
- A: seat belt not fastened;
- B: seat belt fastened;



A




B


59


F1D0054


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.

IMPORTANT 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.



PRETENSIONERS

! 87) 88) 89) 90) 91)

! 35)

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. This vehicle is also equipped with a second pretensioner (in the kick plate area). Its activation is signalled by the shortening of the metal cable.

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

IMPORTANT To obtain the highest degree of protection from the action of the pretensioner, wear the seat belt tight to the chest and pelvis.

LOAD LIMITERS

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

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.

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. 60). 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.



60

F1D0123

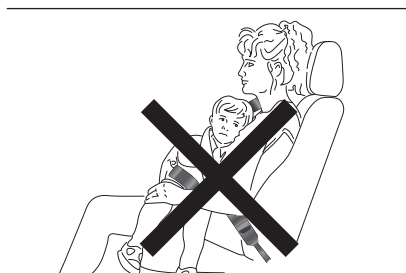
The seat belt must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally. The lower part must adhere to the pelvis (as shown in fig. 61) rather than the abdomen of the occupant. Do not use devices (clips, etc.) to hold the seat belt away from your body.



61

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



62

F1D0125

MAINTENANCE OF THE SEAT BELTS

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;
- replace the 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;

to clean the seat belts, wash by hand with water and neutral soap, rinse and leave to dry in the shade. Never use strong detergents, bleach, paints or any other chemical substance which could damage the belt fibres;

- 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

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

88) For maximum protection, 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.

89) Removing or otherwise 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.



WARNING

35) 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 damage or deploy it. Contact a Fiat Dealership should intervention be necessary on these components.


90) If the belt has been subjected to a high level of stress, for example after an accident, it must be completely replaced together with the attachments, attachment fixing screws and the pretensioner. In fact, even if the belt has no visible defects, it could have lost its resilience.

91) The front passenger belt (for versions where provided) is provided with an adjustment device for the metal tongue position (metal hook). Adjust its position with respect to the seat belt to improve comfort and reduce noise inside the passenger compartment.



CHILD PROTECTION SYSTEMS

CARRYING CHILDREN SAFELY

 92) 93) 94) 95)

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. Depending on the characteristics of the child restraint systems used, you are advised to keep children in rearward facing child restraint systems 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 vehicle by means of the seat belts or with the ISOFIX anchorages.

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

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

Group	Weight range
Group 0	up to 10 kg
Group 0+	up to 13 kg
Group 1	9 - 18 kg
Group 2	15 - 25 kg
Group 3	22 - 36 kg

All restraint devices must bear the certification 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.

FITTING A CHILD RESTRAINT SYSTEM WITH SEAT BELTS

 96) 97) 98)

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.

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

Group 0 and 0+

Infants up to 13 kg must be carried with a rearward facing child restraint system of the type shown in fig. 63 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. 63 and it must restrain the child in turn with its own belts.

0-13 kg



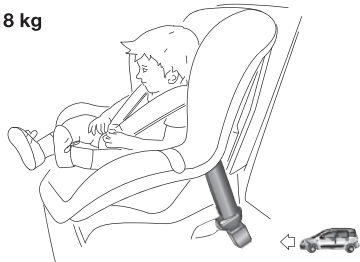
63

F1D0055

Group 1

Children of weight from 9 to 18 kg may be carried in forward facing position fig. 64

9-18 kg



64

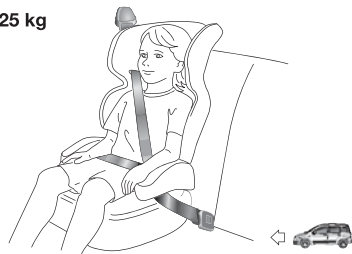
F1D0056

Group 2

Children from 15 to 25 kg may use the vehicle seat belts directly fig. 65.

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



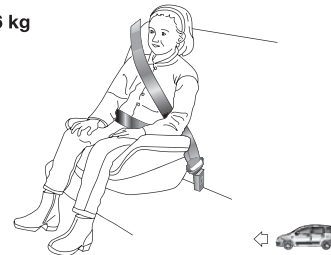
65

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

22-36 kg



66

F1D0058

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



PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON UNIVERSAL CHILD RESTRAINT SYSTEM USE

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

Positioning the "Universal" child restraint system				
Group	Weight range	Front passenger	Rear central passenger (for versions/markets, where provided)	Rear side passengers
Group 0, 0+	up to 13 kg	U	U	U
Group 1	9 - 18 kg	U	U	U
Group 2	15 - 25 kg	U	U	U
Group 3	22 - 36 kg	U	U	U

U= suitable for child restraint systems in the "Universal" category, according to European Regulation EEC-R44 for the specified "Groups".

U = Suitable for child restraint systems in the "Universal" category, according to European Standard ECE-R44 for the specified "Groups".

FITTING AN ISOFIX CHILD RESTRAINT SYSTEM

! 99) 100) 101) 102)

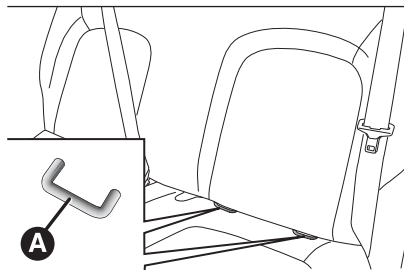
The vehicle is equipped with ISOFIX anchorages, a new standard which makes fitting a child restraint system quick, simple and safe.

The ISOFIX system allows the ISOFIX child restraint systems to be fitted, without using the vehicle's seat belt, but directly securing the child restraint system to three anchorages present on the vehicle. Traditional child restraint systems can be fitted alongside ISOFIX child restraint systems on different seats in the same vehicle.

To install an ISOFIX child restraint system, attach it to the two metal anchorages A fig. 67 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the restraint system) to the dedicated anchorage B fig. 68 located at the bottom behind the backrest.

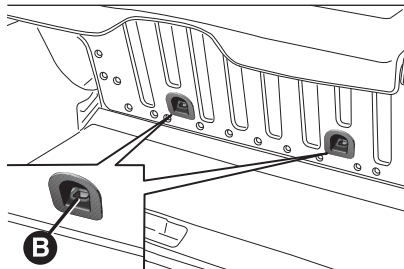
For versions with sliding split rear seat, use the suitable catches shown in fig. 69 on the tube at the base of the backrest.

fig. 70 shows an example of a Universal ISOFIX child restraint system for weight group 1.



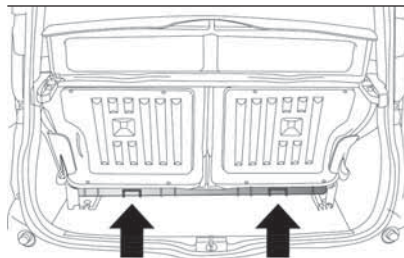
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F1D0060



68

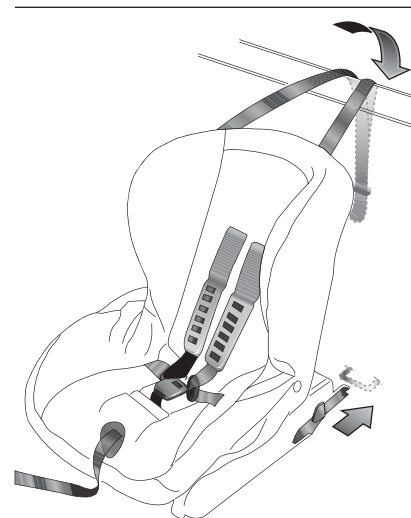
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69

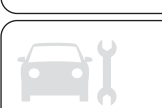
F1D0062

IMPORTANT The fig. 70 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.



70

F1D0059



SUITABILITY OF PASSENGER SEATS FOR ISOFIX CHILD RESTRAINT SYSTEM USE

The table below shows the various installation possibilities for ISOFIX child restraint systems on seats fitted with the specific anchorages in accordance with European standard ECE 16.

Weight group	Child seat position	ISOFIX size class	Rear side Isofix positions
Group 0 up to 10 kg	Facing backwards	E	IL (*)
	Facing backwards	E	IL (*)
Group 0+ up to 13 kg	Facing backwards	D	IL (*)
	Facing backwards	C	X
	Facing backwards	D	IL (*)
	Facing backwards	C	X
Group 1 from 9 up to 18 kg	Facing forwards	B	IUF
	Facing forwards	BI	IUF
	Facing forwards	A	IUF

IL: suitable for ISOFIX child restraint systems specific and approved for this type of car.

(*): the Isofix child seat can be installed by adjusting the front seat.

X: ISOFIX position not suitable for ISOFIX child seats in this group of weight and/or size class.

IUF: suitable for Isofix restraint systems to be positioned facing forwards, universal class (fitted with third upper mounting), approved for the relevant weight group.

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

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

IMPORTANT The rear central seat (for versions/markets where provided) and the passenger front seat are not approved for any type of Isofix child restraint system.

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 restraint systems without instructions.
- ❑ Only one child is to be strapped into each restraint system; never carry two children using one child restraint system.
- ❑ Always check that the seat belts do not rest on the child's neck.


- ❑ Always check that the seat belt is well fastened by pulling on it.
- ❑ While travelling, do not let the child sit incorrectly or unfasten the belts.
- ❑ Never allow a child to put the belt's diagonal section under an arm or behind their back.
- ❑ Never carry children on your lap, even newborns. No one can hold a child in the case of an accident.
- ❑ In the event of an accident, replace the child restraint system with a new one.



WARNING

92) SEVERE DANGER When a front passenger airbag is fitted, do not install rear facing child restraint systems on the front passenger seat. Deployment of the airbag in an accident 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 an impact.

93) On the sun visor there is a label with suitable symbols reminding the user that it is compulsory to deactivate the airbag if a rearward facing child restraint system is fitted. Always comply with the instructions on the passenger's side sun visor (see the "Supplementary Restraint System (SRS) - Airbag" paragraph).

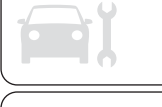
94) Should it be necessary to carry a child on the passenger side front seat in a rear facing child restraint system, the passenger side front airbag and side bag must be deactivated through the display main menu, verifying deactivation by checking that the  warning light has switched on in the central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

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

96) 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.

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

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



99) 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.

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

101) 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.

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

SUPPLEMENTARY RESTRAINT SYSTEM (SRS) - AIRBAG

The vehicle 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



103)

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.

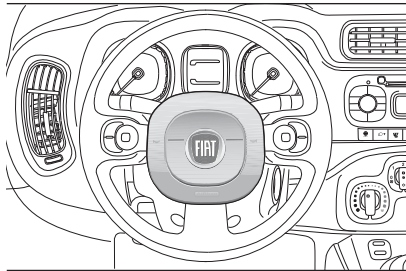
Driver and passenger front airbags are not a replacement of but complementary to the seat belts, which should always be worn, as specified by law in Europe and most non-European countries.

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.

Driver's side front airbag

! 104)

This consists of an instantly inflating cushion contained in a special compartment in the centre of the steering wheel fig. 71.

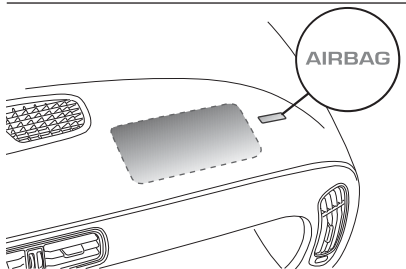


71

F1D0063

Passenger side front airbag

This consists of an instantly inflating cushion contained in a special compartment in the dashboard fig. 72: this bag has a larger volume than that of the driver's.



72

F1D0064

Passenger side front airbag and child restraint systems

! 105)

Rearward facing child restraint systems must **NEVER** be fitted on the front seat with an active passenger side 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. 73.

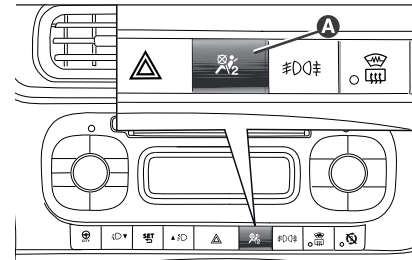


73

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  (A-fig. 74) warning light turns on in the dashboard, in central position. Use the display Setup Menu to deactivate.



74

F0W0689



Passenger front airbag and child restraint system: WARNING

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 kindertoeltje niet ruggelings op de voorstoel wanneer er een airbag aanwezig is.
E	PUEDÉ 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 ŚMIERCIA LUB CIĘŻKIMI 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. Yoıcı airbagi aktif halde iken çocuk koltuğunu araç gidis yönüne ters biçimde yerleştirmeyin.
DK	FARE FOR DØDELIGE KVÆTSELSE OG LIVSTRUENDE SKADER. Placer aldrig en bagudvendt barnestol på passageresædet, hvis passager-airbagen er indstillet til at være aktiv (on).
EST	TAGAJÄRJKES VÕIVAD OLLA TÕSISED KEHAVIGASTUSED VÕI SURM. Turvapadja olemasolu korral ärge asetage lapse turvaistet sõidusuunaga vastassuunas.
FIN	KUOLEMANVAARA TAI VAKAVIEN VAMMOJEN UHKA. Älä aseta lasten turvaistuinta niin, että lapsi on selkä menosuuntaan, kun matkustajan airbag on käytössä.
P	RISCO DE MORTE OU FERIMENTOS GRAVES. Não posicionar o banco para crianças numa posição contrária ao sentido de marcha quando o airbag de passageiro estiver activo.
LT	GALI IŠTIKTI MIRTIS ARBA GALITE RIMTAI SUSIŽEISTI. Nedėkite vaiko sėdynės atgręžtos nugarą į priekinį automobilio stiklą ten, kur yra veikiančias 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	HALÁSÓS VAGY SÚLYOS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekülést a menetirányal szembe, ha az utas oldalán légzésák működik.
LV	VAR IZRAISĪT NĀVI VAI NOPIETNAS TRAUMAS. Nenovietot mazuļa sēdekli pretēji braukšanas virzienam, ja pasažiera pusē ir uzstādīts gaisa spilvens.
CZ	HROZÍ NEBEZPEČÍ VÁŽNĚHO UBLÍŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumisťujte detskou sedačku do opačnej polohy včeli smeru jazdy v prípade aktívneho airbagu spolujazdce.
SLO	LANKO PRIDE DO SMRTI ALI HUDIH POŠKODB. Otroškega avtomobilskega sedeža ne nameščajte v obratni smeri vožnje, če ima vozilo vgrajene zračne blazine za potnike.
RO	SE POATE PRODUCÉ DECESUL SAU LEZIUNI GRAVE. Nu aşezaţi scaunul de maşină pentru bebeluşi în poziţie contrară direcţiei de mers atunci când airbag-ul pasagerului este activat.
GR	ΜΠΟΡΕΙ ΝΑ ΠΡΟΚΛΗΘΟΥΝ ΘΑΝΑΤΟΣ Ή ΣΟΒΑΡΑ ΤΡΑΥΜΑΤΑ. Μην τοποθετείτε το καρεκλάκι αυτοκινήτου για παιδιά σε αντίθετη προς την φορά πορείας θέση σε περίπτωση που υπάρχει αερόσακος εν ενεργεία στη θέση συνεπιβάτη.
BG	ИМА ОПАСНОСТ ОТ СМЪРТ И СЕРИОЗНИ НАРАНЯВАНИЯ. Не поставяйте столчето за пренасяне на бебета в положение обратно на посоката на движение, при положение активно на въздушната възглавница за пътуване.
SK	MŮŽE NASTAŤ SMŤŤ 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 OZLJEĐA. Sjedala za djecu koja se montiraju u smjeru suprotnom od vožnje ne smiju se instalirati na prednja sjedala ako postoji aktivni zračni jastuk suvozača.
AS	قد تحدث حالات وفاة أو إصابات بالغة. لا تستخدم مقاعد الأمان الخاصة بالأطفال على مقعد مزود "بوسادة هوائية"، حيث إن الطفل قد يتعرض للوفاة أو لإصابة بالغة.

SIDE BAGS (Side bag - Window bag)

To help increase occupants protection in the event of a side impact, the vehicle 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 vehicle.

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

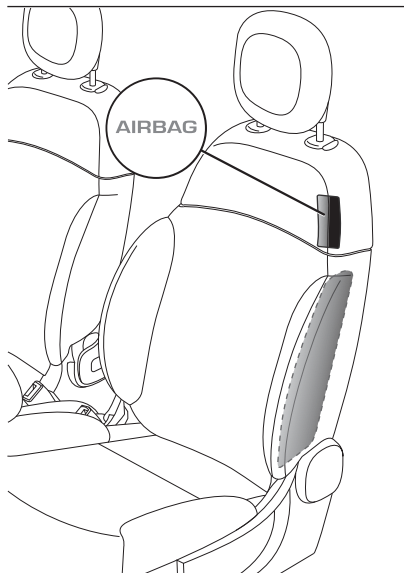
Side bags

(for versions/markets, where provided)

These comprise two types of bags located in the front seat backrests fig. 76 which protect the pelvis, chest and shoulder area of the occupants in the event of a side impact of medium/high severity.

Window bag

This consists of two "curtain" bags housed behind the side upholstery of the roof fig. 77 and covered with finishing elements, which 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.

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.

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

Important

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

The front and/or side airbags may activate in the event of sharp impacts to the underbody of the vehicle (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 vehicle 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 deploy one of the devices does not necessarily indicate a system malfunction.



WARNING

103) Do not apply stickers or other objects on the steering wheel, on the dashboard in the passenger side airbag area, on the side cover 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.


104) Always drive keeping your hands on the steering wheel rim so that the airbag can inflate freely if necessary. Do not drive with your body bent forward. Keep your back straight against the backrest.



105) When an active passenger airbag is fitted, DO NOT install rearward facing child restraint systems on the front seat. Deployment of the airbag in an accident could cause fatal injuries to the child regardless of the severity of the impact. 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.

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

107) Do not rest the head, arms or elbows on the door, windows and window bag area to avoid possible injuries during inflation.

108) Never lean your head, arms and elbows out of the window.

109) If the  warning light stays on whilst driving, a fault may have occurred in the restraint systems. In this case the airbags or pretensioners may not be deployed in an impact or, in a lower number of cases, they may be deployed accidentally. Before continuing, contact a Fiat Dealership immediately to have the system checked.


110) 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).

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

112) 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.



113) If the vehicle 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.

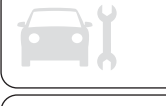
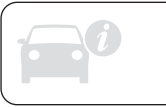
114) Airbags may be deployed if another vehicle crashes into the vehicle, if the key is inserted and at MAR even if the engine is not running and the vehicle is stationary. Therefore, even if the vehicle is stationary, when an active front passenger airbag is fitted, DO NOT install rearward facing child 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.

115) 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 this case the warning light comes on. When the vehicle 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.)

116) The front 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.

117) The airbag does not replace seat belts but increases their effectiveness. 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.

118) 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 with the “red” warning light. In this case, after a few seconds, the  warning light starts flashing. Before proceeding, contact a Fiat Dealership immediately to have the system checked.



STARTING AND DRIVING

Let's get to the "heart" of the vehicle: seeing how you can exploit all of its potential to the full.

We'll look at how to drive it safely in any situation, so that it can be a welcome companion, with our comfort and our wallets in mind.

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STARTING THE ENGINE



119) 120)

36) 37) 38) 39)

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.

VERSIONS WITH MANUAL GEARBOX

Petrol versions

Proceed as follows:

- engage the handbrake and place 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 Turbo)** fully depress the clutch pedal, without pressing the accelerator;
- turn the ignition key to AVV and release it as soon as the engine starts.

Diesel versions

Proceed as follows:

- engage the handbrake, put the gear lever into neutral and turn the ignition key to MAR: the warning lights and on the instrument panel will turn on;
- wait for the warning lights and to turn off and then fully depress the clutch pedal without pressing the accelerator;
- turn the ignition key to AVV as soon as warning light switches off. Release the ignition key as soon as the engine starts.

IMPORTANT If the engine does not start at the first attempt, return the ignition key to STOP before repeating the procedure. If, with the ignition key at MAR, the warning lights and (only for petrol versions) stay on in the instrument panel, the ignition key must be brought back to STOP and then to MAR again. If the warning light stays on, retry with the other keys provided. Contact a Fiat Dealership if you still cannot start the engine.

VERSIONS WITH DUALOGIC GEARBOX

121)

Engine starting is allowed both with a gear engaged and with the gearbox in neutral (N).

However, the brake pedal must always be pressed first if neutral is not engaged. It is therefore advisable to place the gear lever in neutral (N) before starting the engine.

LPG AND NATURAL POWER VERSIONS

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

40)

STOPPING THE ENGINE

41)

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

IMPORTANT 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**

119) It is dangerous to run the engine in enclosed areas. The engine takes in oxygen and releases carbon dioxide, carbon monoxide and other toxic gases.

120) Remember that the brake servo and power steering are not operational until the engine has been started, therefore you need to apply much more force than usual to the brake pedal and steering wheel.

121) If the engine fails to start with a gear engaged, the potentially dangerous situation due to the fact that the gearbox is automatically placed in neutral will be signalled by an acoustic signal.

**WARNING**

36) If the warning light  flashes for 60 seconds after starting or during an extended towing period, this indicates a problem in the glow plug pre-heating system. You can use the vehicle as usual if the engine starts but you should contact a Fiat Dealership as soon as possible.

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


38) When the engine is off, do not leave the key turned to MAR to prevent unnecessary electrical consumption from draining the battery.

39) Never bump start the engine by pushing, towing or coasting downhill. This could cause fuel to flow into the catalytic converter and damage it beyond repair.

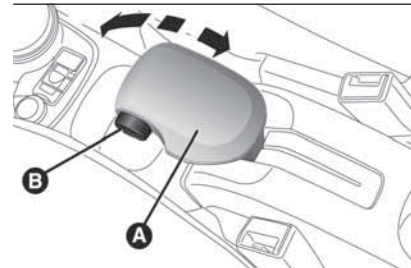
40) There must therefore always be some petrol in the tank to protect the petrol pump and to guarantee temporary switching from LPG or Methane to petrol operation, if high performance is required.

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

HANDBRAKE

 **122) 123) 124)**


The handbrake lever is located between the two front seats.



78

F1D0068

Handbrake engagement: pull lever A fig. 78 upwards until the vehicle is braked.

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



WARNING

122) Never leave children unattended in the vehicle. Always remove the key from the ignition device when leaving the vehicle and take it with you.

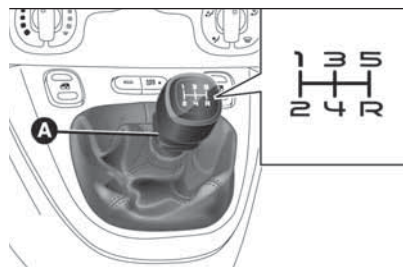
123) The vehicle should be braked after a few clicks of the lever, if it is not, contact a Fiat Dealership to have it adjusted.

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

MANUAL GEARBOX

 125)  42)

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. 79).



79

F1D0069

For 0.9 TwinAir, 0.9 TwinAir Turbo and 1.2 8v 69 HP versions: to engage reverse R from neutral, raise ring A fig. 79 underneath the knob and, at the same time, shift the lever to the right and then backwards.

For version 1.3 16v MultiJet : to engage reverse R from neutral position, shift the lever to the right and then back.

IMPORTANT Reverse can only be engaged when the vehicle 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.

IMPORTANT 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 pedal control could cut in, interpreting the incorrect driving style as a fault.



WARNING

125) Depress the clutch pedal fully to change gear 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.



WARNING

42) 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 internal gearbox components.



DUALOGIC GEARBOX

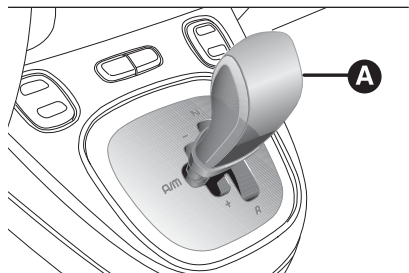
(for versions/markets, where provided)



The vehicle can be equipped with an electronically controlled manual gearbox known as Dualogic which allows two operating modes: MANUAL and AUTO.

GEAR LEVER

The gear lever A fig. 80, located on the dashboard, is floating multistable type, i.e. it has three stable positions and three unstable positions.



80

F1D0107

The three stable positions correspond to neutral (N), reverse (R) and the central position located between the unstable positions (+) and (-).

The unstable positions, in other words those that are abandoned as soon as the lever is released, are the positions for requesting a higher gear (+), requesting a lower gear (-) and requesting automatic operating mode (A/M).

IMPORTANT With the engine started, any error between the lever position and the gear actually engaged is signalled by a buzzer until consistency is restored.

MANUAL MODE

Proceed as follows:

- press the brake pedal and start the engine;
- if AUTO appears on the display, move the lever A fig. 80 to A/M to select MANUAL mode;
- push gear lever A towards (+) to engage first gear (if starting from N or R, simply place the lever in the middle position) or R to engage reverse;
- release the brake pedal and press the accelerator pedal;
- in driving conditions, push lever A of the gearbox towards (+) to engage the next gear up or towards (-) to engage the next gear down.

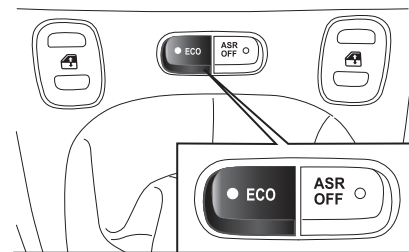
AUTOMATIC MODE

Proceed as follows:

- press the brake pedal;
- start the engine;
- if AUTO does not appear on the display, move the gear lever A fig. 80 to A/M to select AUTOMATIC mode;
- push the gear lever towards (+) to engage 1st gear (if starting from N or R, simply place the lever in the middle position) or R to engage reverse;
- release the brake pedal and press the accelerator pedal: the gear most suited to the vehicle speed will be engaged.

AUTO-ECO OPERATION

To activate the function press the ECO button fig. 81 on the central tunnel. The ECO function can be only activated only with automatic mode active.



81

F1D0108

With the ECO function active, the system will select the most suitable gear depending on the vehicle speed, engine rpm and intensity with which the accelerator pedal is pressed, with the aim of limiting fuel consumption.

“Kick Down” FUNCTION (for versions/markets, where provided)

If necessary (e.g. when overtaking), the system downshifts one or more gears when the accelerator pedal is depressed beyond the point where it becomes stiff (and if the rpm allow it) in order to provide suitable power and torque for the acceleration requested by the driver.

IMPORTANT The use of the “Kick Down” function is recommended only when overtaking or accelerating quickly, in order not to increase fuel consumption.



WARNING

43) Avoid keeping your hand on this lever except during gear change or AUTO/MANUAL mode requests.

STOP/START SYSTEM



126) **127)** **44)**

The Stop/Start system automatically stops the engine when the vehicle is stationary and starts it again when the driver wants to move off. This reduces consumption, the emission of harmful gases and noise pollution.


OPERATING MODE

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

Note The engine can only be stopped automatically after exceeding a speed of about 10 km/h, to prevent the engine from being repeatedly stopped when driving at walking pace.

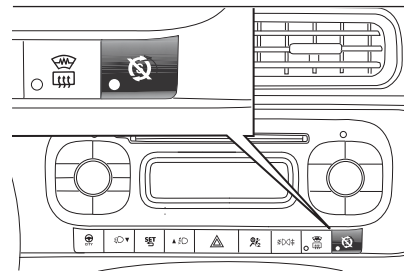
Restarting the engine: press the clutch pedal to restart the engine.

MANUAL SYSTEM ACTIVATION/ DEACTIVATION

To activate/deactivate the system manually, press the  fig. 82 button on the dashboard control trim.

LED off: system deactivated.

LED on: system deactivated.



82

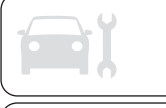
F1D0040



WARNING

126) If the battery needs to be replaced, always contact a Fiat Dealership. The replacement battery should be of the same type (HEAVY DUTY) and should have the same characteristics.

127) Before opening the bonnet, make sure that the engine is off and that 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.

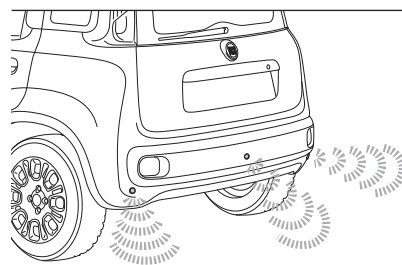


**WARNING**

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

PARKING SENSORS**SENSORS**

The sensors are located in the rear bumper fig. 83 and their function is to detect the presence of any obstacles near the rear part of the vehicle and inform the driver, through an intermittent acoustic signal.



83

F1D0045

**ACTIVATION/
DEACTIVATION**

The sensors are automatically activated when reverse is engaged. As the obstacle behind the vehicle gets closer, the acoustic signal becomes more frequent.

OPERATION WITH A TRAILER

Sensor operation is automatically deactivated when the trailer's electric cable plug is fitted in the vehicle's tow hook socket. The sensors are automatically reactivated when the trailer's cable plug is removed.

IMPORTANT INFORMATION

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

Objects close to the vehicle are not detected under certain circumstances and could therefore cause damage to the vehicle 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 vehicle, 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, this must always be disconnected from the crossmember whenever the trailer is not attached to prevent the activation of the sensors.



WARNING

128) *The responsibility for parking and other dangerous manoeuvres always and in every case lies with the driver. 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.*



WARNING

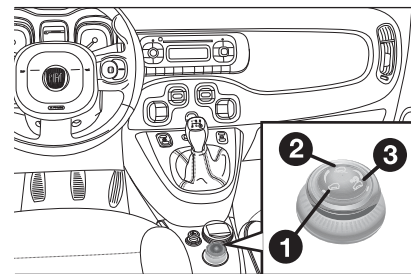
45) *The sensors must be clean of mud, dirt, snow or ice in order for the system to operate correctly. Be careful not to scratch or damage the sensors while cleaning them. Avoid using dry, rough or hard cloths. The sensors must be washed using clean water, with the addition of vehicle shampoo if necessary. 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.*

MODE SELECTOR

(Panda Cross versions)



This device allows, using the ring nut of the knob fig. 84 (on the central tunnel), three vehicle response modes to be selected according to driving style and road conditions:



84

F1D0116

- ❑ 1 = AUTO mode;
- ❑ 2 = OFF ROAD mode;
- ❑ 3 = HDC 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.



"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.).

Engagement

Rotate the ring nut fig. 84 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. When the "Off Road" mode is activated, the presetting for ELD system intervention activates automatically.

IMPORTANT When the "Off Road" mode is activated, the Stop/Start 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 Stop/Start function, with "Off Road" mode on, press the  button on the dashboard trim. However, when the "Off Road" mode is deactivated, the Stop/Start system is enabled again.

IMPORTANT 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.

Disengagement

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.

IMPORTANT If "Off Road" or "Auto" mode was active when the engine was stopped, the next time it is started the mode that was selected is reactivated.

"HDC" FUNCTION

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

Engagement/Disengagement

For engaging/disengaging the HDC function refer to the "Active safety systems" paragraph in the "Safety" chapter.

FAILURE OF THE MODE SELECTOR SYSTEM

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

IMPORTANT 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.

TOWING TRAILERS

 129) 130)

IMPORTANT

For towing motorhomes or trailers the vehicle 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 vehicle tow hook reduces the vehicle's loading capacity by the same amount.

To make sure that the maximum towable weight is not exceeded (given in the vehicle registration document) account should be taken of the fully laden trailer, including accessories and luggage.

Do not exceed the speed limits specific to each country you are driving in, in the case of vehicles towing trailers.

In any case, the top speed must not exceed 100 km/h.

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

In addition to the electrical branches, the vehicle 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 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.

IMPORTANT The use of auxiliary loads other than external lights (electric brake, winch, etc.) must be used with engine running.

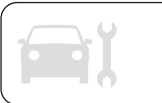
IMPORTANT To install a tow hook contact a Fiat Dealership.



WARNING

129) *The ABS with which the vehicle 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.*



REFUELLING THE VEHICLE



131) 132) 133)

Always stop the engine before refuelling.

PETROL ENGINES

Use unleaded petrol only, with an octane number (R.O.N.) no lower than 95. Never introduce even the smallest amount of leaded petrol, even in the event of an emergency, in order to prevent damage to the catalytic converter.

DIESEL ENGINES

Only use Diesel for motor vehicles (EN 590 specification).

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

REFUELLING PROCEDURE



46)

Diesel and petrol versions

The refuelling procedure described below is illustrated on the label B fig. 85 located inside the fuel flap. The label also indicates the fuel type (UNLEADED FUEL=petrol, DIESEL=diesel fuel).

To refuel proceed as follows:

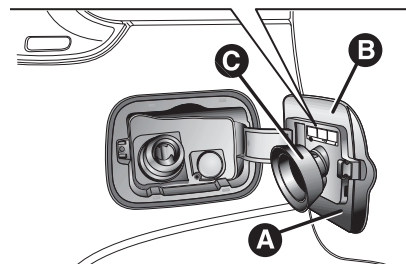
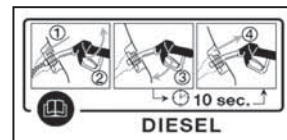
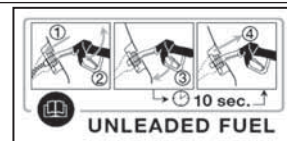
- open the flap A fig. 85 pulling it outwards;
 - introduce the dispenser in the filler and refuel;
 - at the end of refuelling, before removing the dispenser, wait for at least 10 seconds in order for the fuel to flow inside the tank;
 - then remove the dispenser from the filler and close flap A.
- Flap A fig. 85 is provided with a dust cover gaiter C which prevents deposits of impurities and dust at the end of the filler when the flap is closed.

Emergency refuelling

Proceed as follows:

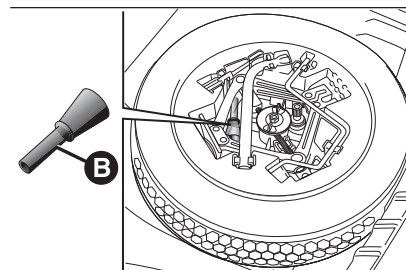
- open the luggage compartment and take the adapter B fig. 86 located in the tool box (versions equipped with space-saver wheel - for versions/markets, where provided) or in the Fix&Go Automatic container (versions equipped with Fix&Go Automatic);

- open the flap A pulling it outwards;



85

F1D0047



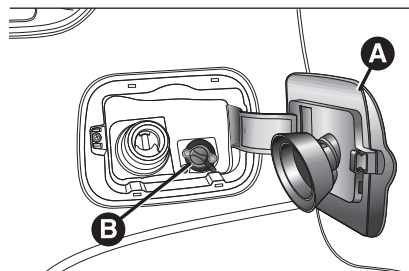
86

F1D0048

- 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 luggage compartment.

LPG versions

To access the LPG filler, open the access flap A fig. 87 and undo the cap B.

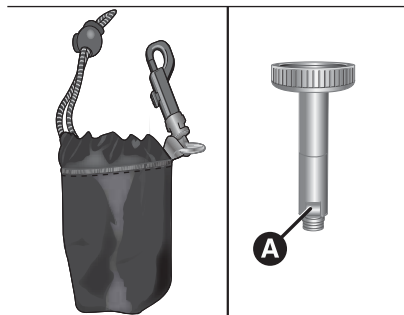


87

F1D0114

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 filler adapter A fig.88 over to the qualified LPG refuelling personnel.



88

F1D0115

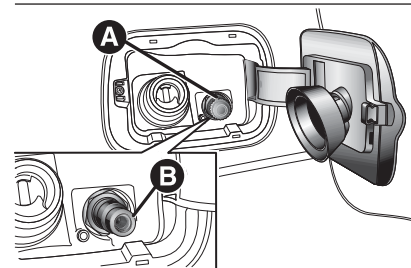
IMPORTANT Depending on the country, there are various types of adapters for LPG refuelling pumps. Filler adapter, supplied with the vehicle and located in a special case, is specifically designed for the country in which the vehicle is sold. If you are in a different country, find out what type of adaptor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

Natural Power versions

A 47)

To access filler B fig. 89, 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).



89

F1D0110



**WARNING**

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

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

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

**WARNING**

46) The vehicle must only be filled with diesel fuel for motor vehicles, in compliance with European Standard EN 590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused. If you accidentally refuel with another type of fuel, do not start the engine, and drain the tank. If the engine has run, even for a very short time, you will need to have the entire fuel supply system emptied in addition to the tank.

47) 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.

IN AN EMERGENCY

A punctured tyre or a burnt-out bulb?

At times, a problem may interfere with our journey.

The pages on emergencies can help you to deal with critical situations independently and with calm.

In an emergency we recommend that you call the freephone number found in the Warranty Booklet.

It is also possible to call the national or international universal freephone number to search for the nearest Dealership.

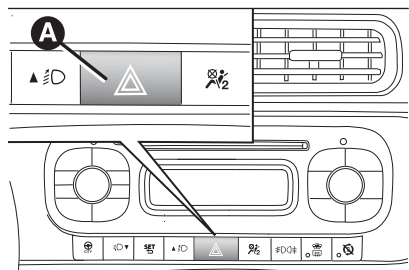
HAZARD WARNING LIGHTS.....	102
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REPLACING FUSES.....	108
CHANGING A WHEEL	111
"FIX&GO AUTOMATIC" KIT	114
JUMP STARTING	116
FUEL CUT-OFF SYSTEM	118
TOWING THE VEHICLE	118



HAZARD WARNING LIGHTS

Press button A fig. 90 to switch the lights on/off. Warning lights ← and → in the instrument panel are lit up when the lights are ON.

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



90

F1D0023

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



▲ 134) 135) ▲ 48) 49)

GENERAL INSTRUCTIONS

- Before changing 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 changing a bulb. For the location of fuses, refer to the paragraph "If a fuse blows" in this section;

IMPORTANT When the weather is cold or damp or after heavy rain or washing, the surface of headlights or rear lights, may steam up and/or form drops of condensation on the inside. This is a natural phenomenon due to the difference in temperature and humidity between the inside and the outside of the glass which does not indicate 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 diffuser, extending progressively towards the edges.

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

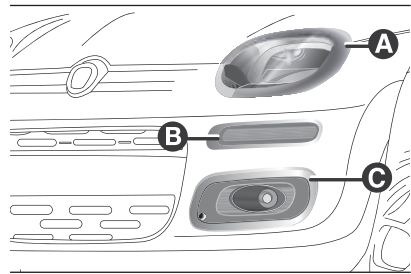


FRONT LIGHT CLUSTERS

(except Panda Cross versions)

The bulbs are arranged inside the front light cluster fig. 91 as follows:

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



91

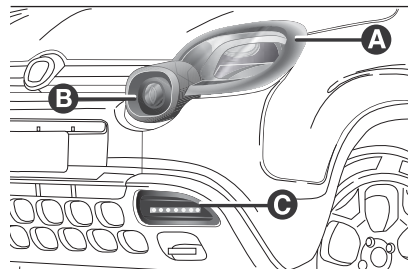
F1D0134

FRONT LIGHT CLUSTERS

(Panda Cross versions)

On the Panda Cross versions, the bulbs are arranged inside the front light cluster fig. 92 as follows:

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



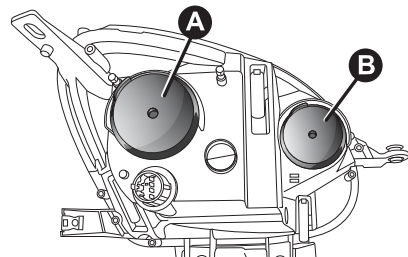
92

F1D0117

DIPPED/MAIN BEAM HEADLIGHTS

To replace the bulb, proceed as follows:

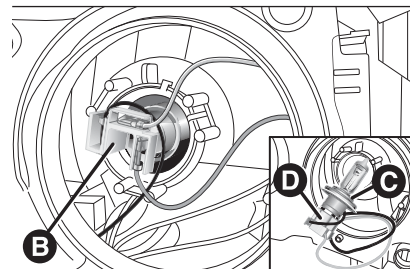
- remove cover A fig. 93;



93

F1D0079

- push the connector + bulb holder unit B fig. 94 downwards;
- remove the bulb C from connector D and replace it;



94

F1D0080

- 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:

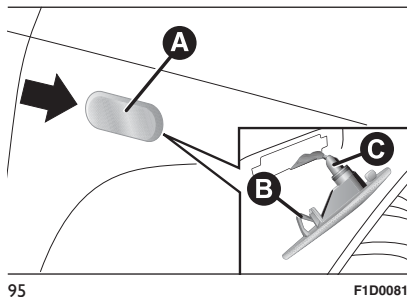
- remove cover B fig. 93;
- turn the bulb holder anticlockwise, extract the bulb and replace it;
- refit the new bulb on the connector making sure that it is locked correctly, then reinsert the connector in its housing rotating it clockwise;

Side

To replace the bulb, proceed as follows:

- adjust the lens A fig. 95 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 unit making sure that the internal clip B clicks into position.



95

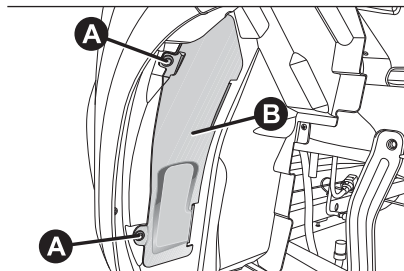
F1D0081

FOG LIGHTS

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

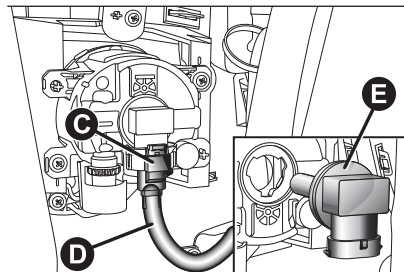
To replace the bulb, proceed as follows:

- ❑ steer the wheel completely inwards, adjust the screws A fig. 96 and remove the flap B;
- ❑ adjust the clip C fig. 97 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.



96

F1D0082



97

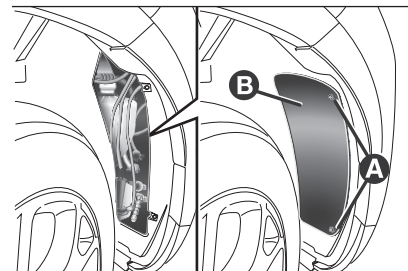
F1D0083

FOG LIGHTS

(Panda Cross versions)

To change the fog light bulb, proceed as follows:

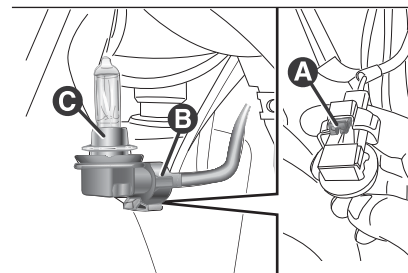
- ❑ steer both the wheels completely, loosen the screws A fig. 98 and remove the guard flap B;
- ❑ locate the fog light unit, rotate it anticlockwise by a quarter of a turn and remove it;



98

F1D0118

- ❑ lift the lever A fig. 99 and disconnect the connector B from the bulb-bulb holder assembly C;



99

F1D0119

- ❑ replace the bulb-bulb holder assembly C;
- ❑ reconnect the assembly to connector B, reposition assembly C in its housing by rotating it clockwise by a quarter of a turn, until it clicks into the correct position;



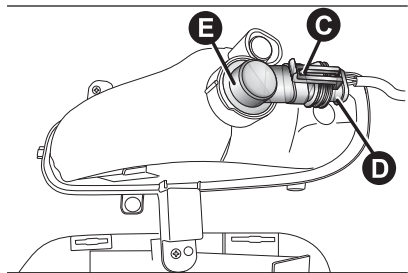
☐ reposition the guard door B fig. 98, taking care that the tabs are positioned in their housings and tighten the fixing screws A.

SIDE LIGHTS/DAYTIME RUNNING LIGHTS (DRL)

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

To replace the bulb, proceed as follows:

- ☐ steer the wheel completely, adjust the screws A fig. 96 and remove the flap B;
- ☐ adjust the clip C fig. 100 and disconnect the electrical connector D;



100

F1D0084

- ☐ 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)

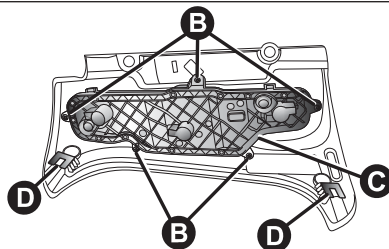
IMPORTANT To change LED DRLs contact a Fiat Dealership.

REAR LIGHT CLUSTERS

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

To replace the bulb proceed as follows:

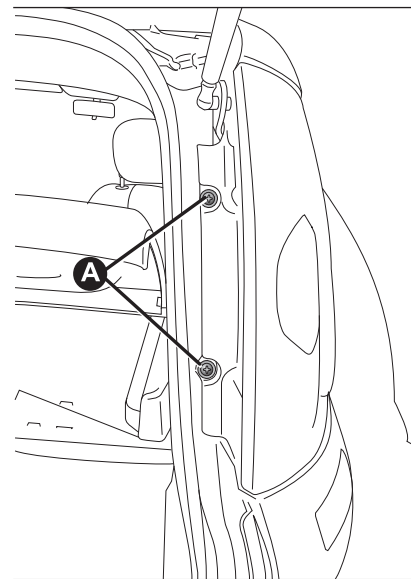
- ☐ undo the two screws A fig. 101 from their seats, pull gently outwards until releasing the whole headlight from the two clips (press-fitted D fig. 102) and release the connector;



102

F1D0086

- ☐ 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;



101

F1D0085

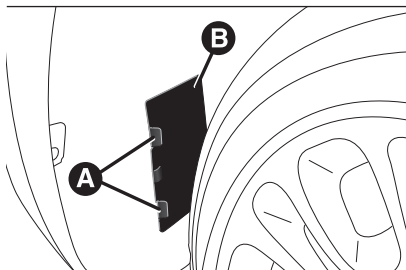
- ☐ refit the new lamp and carry out the procedure described previously in reverse.

REVERSING LIGHT/REAR FOG LIGHT

 136)

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

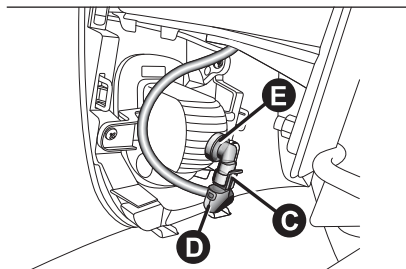
- ☐ adjust the tabs A and remove the flap B fig. 103



103

F1D0087

- adjust the clip C fig. 104 and disconnect the electrical connector D;



104

F1D0088

- turn the bulb holder E and remove it, extract the bulb and replace it;
- refit the new lamp and carry out the procedure described previously in reverse.

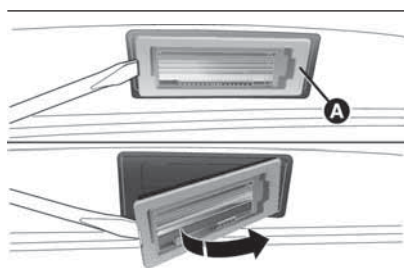
THIRD BRAKE LIGHTS

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:

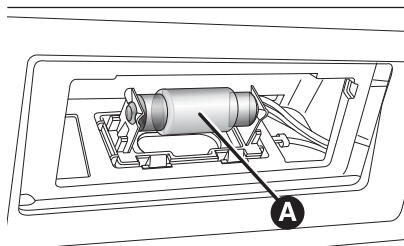
- remove lens A fig. 105;



105

F1D0089

- replace the bulb A fig. 106, releasing it from the side contacts;



106

F1D0090

- Insert the new bulb and make sure that it is correctly clamped between the contacts, then refit the lens A fig. 106.



WARNING

134) 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.

135) Halogen bulbs contain pressurised gas; in the case of breakage they may burst.

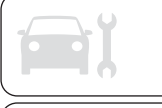
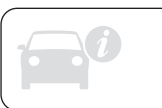
136) Before replacing the bulb, wait for the catalytic converter to cool down: RISK OF BURNS.



WARNING

48) Halogen bulbs must be handled by 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.

49) If possible, we recommend to have bulbs replaced by a Fiat Dealership. The correct operation and alignment of the external lights are absolutely essential for the safety of the vehicle and of compliance with the law.



REPLACING FUSES



137) 138) 139) 140) 141) 142)

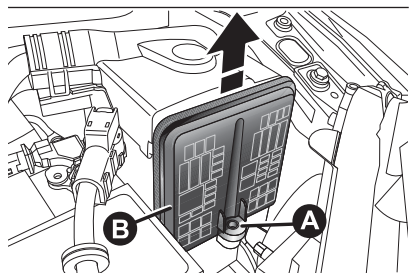
50)

INTRODUCTION

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

ENGINE COMPARTMENT FUSE BOX

The fuse box is located next to the battery: to access the fuses, undo screw A fig. 107 and lift cover B upwards.



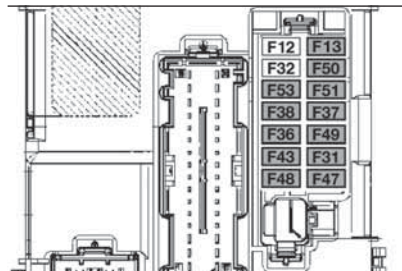
107

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 FUSE BOX

The fuse box fig. 108 is located near the left side of the steering column and the fuses can be accessed easily from the lower part of the dashboard.



108

F1D0093

ENGINE COMPARTMENT FUSE BOX

fig. 107

DEVICES	FUSE	AMPERE
Body Computer node	F01	60
Passenger compartment fan	F08	40
Fog lights	F09	15
Acoustic warnings	F10	15
Main beam headlights	F14	15
Heated windscreen	F15	70
Air conditioning compressor	F19	7.5
Front power socket (with or without cigar lighter)	F20	15
Fuel pump	F21	15
Blow-by	F30	5
Electric roof motor	F82	20
+15 (*) reversing lights	F87	5
Mirror demisting	F88	7.5
Heated rear window	F89	30
Battery charge status sensor	F90	5

(*)+15 = ignition-operated positive pole



DASHBOARD FUSE BOX

fig. 108

DEVICES	FUSE	AMPERE
+15 (*) headlamp alignment corrector	F13	5
+15 (*) Ignition-operated control with inhibition during engine starting	F31	5
+30 (**)	F36	10
+15 (*) brake pedal switch (NO)	F37	7.5
Door central 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 = battery direct positive pole (not ignition-operated)



WARNING

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

138) Never replace a blown fuse with metal wires or other material.

139) Never replace a fuse with another with a higher amp rating; **DANGER OF FIRE.**

140) If a general fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) cuts in, do not attempt any repair and contact a Fiat Dealership.

141) Before replacing a fuse, make sure that the ignition key has been removed and that all the other devices are switched off and/or deactivated.

142) If a general protection fuse for safety systems (airbag system, braking system), power unit systems (engine system, transmission system) or steering system blows, contact a Fiat Dealership.



WARNING

50) 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.

CHANGING A WHEEL

! 143) 144) 145) 146) 147)

JACK

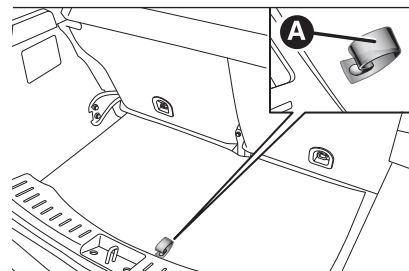
Important notes:

- 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 original one;
- no tool other than its cranking device may be fitted on the jack.

CHANGING PROCEDURE

Proceed as follows:

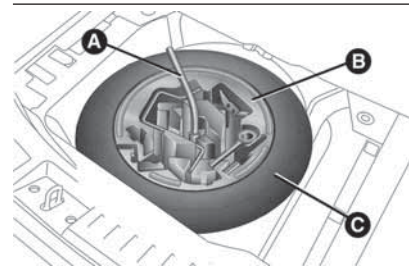
- stop the vehicle in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground should be flat if possible, and sufficiently firm;
- switch off the engine, pull up the handbrake and engage the 1st gear or reverse. Wear the reflective safety jacket (compulsory by law) before getting out of the vehicle;
- open the luggage compartment, pull tab A fig. 109 and lift up the mat;



109

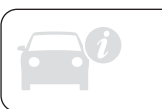
F1D0072

- using the wrench A fig. 110 located in 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;

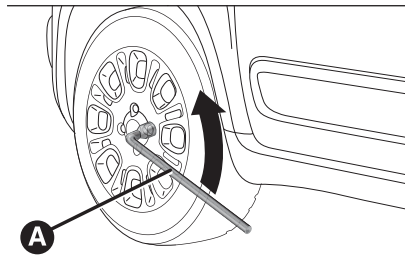


110

F1D0073



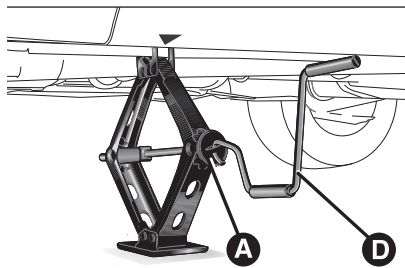
- take the wrench A fig. 111 and loosen the fixing bolts by about one turn;



111

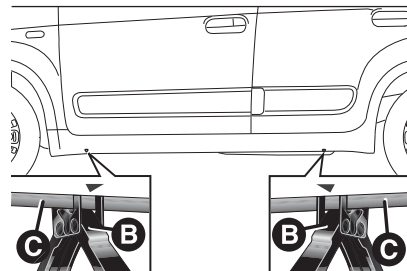
F1D0074

- position the jack under the vehicle, near the wheel to be changed;
- operate the device A fig. 112 to extend the jack until the top of the jack B fig. 113 fits correctly into the side member C (next to the mark ∇ on the side member);



112

F1D0075



113

F1D0076

- alert any bystander that the vehicle is about to be raised; all persons should be kept away from the vehicle and nobody must touch it until it has been lowered;
- fit handle D fig. 112 into the housing in device A, operate the jack and raise the vehicle until the wheel is a few centimetres from the ground;
- remove the wheel cap after loosening the 3 fixing bolts and finally loosen the fourth bolt and extract the wheel (only for versions with wheel caps fixed by bolts);
- 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. 111 and fully tighten the fixing bolts;
- operate the jack handle D fig. 112 to lower the vehicle. Then extract the jack;
- use the wrench A fig. 111, to fully tighten the bolts, passing alternately from one bolt to the opposite one;
- when replacing an alloy wheel 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 vehicle and remove the space-saver wheel.

Versions with steel rims

Proceed as follows:

- make sure the contact surfaces between standard wheel and hub are clean so that the fastening bolts will not come loose;
- fit the standard wheel by inserting the first bolt by 2 threads into the hole closest to the inflation valve;
- fit the hub cap, aligning the crescent hole with the bolt already fitted, then fit the other bolts;
- 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.

Versions with alloy wheels

Proceed as follows:

❑ insert the wheel on the hub and using the wrench provided 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.

IMPORTANT If it is not fitted properly, the hub cap may detach itself when the vehicle is running.

At the end of 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 boot mat.



WARNING

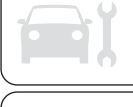
143) *The space-saver wheel (for versions/markets, where provided) is specific to your vehicle, do not use it on other models, or use the space-saver wheel of other models on your vehicle. The space-saver wheel must only be used in the event of an emergency. It must only be used for the distance necessary to reach a service point and the vehicle speed must not exceed 80 km/h. The space-saver wheel has an orange label that summarises the main cautions for use and limitations. Never remove or cover the label. The following information is provided in four languages on the label: "Important! For temporary use only! 80 km/h max! Replace with a standard wheel as soon as possible. Never cover this indication". Never apply any hub cap to the space-saver wheel.*

144) *Use your hazard lights, warning triangle, etc to show that your vehicle is stationary. Passengers should get out of the vehicle, particularly if it is heavily loaded, and wait for the wheel to be changed away from the traffic. On hills or uneven roads, use chocks or appropriate objects to block the wheels of the vehicle.*

145) *The vehicle's driving characteristics will be modified with the space-saver wheel fitted. Avoid violent acceleration and braking, abrupt steering and fast cornering. The overall duration of the space-saver wheel is about 3000 km, after which the relevant tyre must be replaced with another one of the same type. Never install a 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.*

146) *The jack may be used to replace wheels only on the vehicle that it comes with, or other vehicles of the same model. Never use the jack for other purposes, such as lifting other vehicle models. Never use it for repair operations under the vehicle. Incorrect positioning of the jack may cause the vehicle to fall. Do not use the jack for loads higher than those shown on the label. Never install snow chains on the space-saver wheel; if a front tyre (driving wheel) is punctured and you need to use snow chains, use a standard wheel from the rear axle and install the space-saver wheel on the rear axle. In this way, with two normal front drive wheels, it is possible to use snow chains.*

147) *Incorrect hub cap assembly may cause it to come off when the vehicle is moving. 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" chapter.*



**WARNING**

51) Contact a Fiat Dealership as soon as possible to have the correct tightening of the wheel bolts checked.

"Fix&Go Automatic" kit



eLUMI

148) 149) 150) 151) 152) 153) 154) 155) 156)

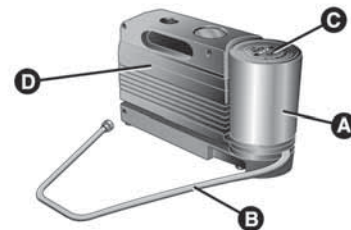
52) 3)

DESCRIPTION

This is located in the luggage compartment, inside a dedicated container. The container also includes a screwdriver and the tow hook.

The kit fig. 114 contains:

- a cylinder A containing sealing fluid and fitted with: filling tube B and adhesive label 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;
- a compressor D including a pressure gauge and connections, found in the compartment;
- instruction brochure, to be used for prompt and correct use of the quick tyre repair kit and then to be handed to the personnel charged with handling the treated tyre;
- a pair of protective gloves located in the side compartment of the compressor;
- adapters for inflating different elements.



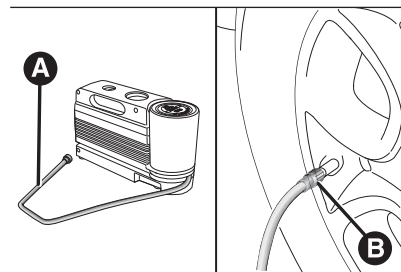
114

F1D0139

INFLATION PROCEDURE

Proceed as follows:

- Pull the handbrake.** Unscrew the tyre valve cap, take out the filler hose A fig. 115 and tighten the ring nut B on the tyre valve;



115

F1D0078

- ❑ make sure that the compressor switch is in position 0 (off), start the engine, plug into the power socket in the central tunnel and operate the compressor, turning switch A to position I (on);
- ❑ inflate the tyre to the pressure specified in the "Inflation pressure" paragraph in the "Technical specifications" section. Check tyre pressure on gauge B with compressor off to obtain a more precise reading;
- ❑ if after five minutes it is still impossible to reach at least 1.8 bar, disengage the compressor from the valve and power socket, then move the vehicle forwards by approx. ten metres in order to distribute the sealing fluid inside the tyre evenly, then repeat the inflation operation;
- ❑ if after this operation you still cannot reach at least 1.8 bar after 5 minutes from switching on the compressor, do not resume driving but contact a Fiat Dealership;
- ❑ after driving for about 10 minutes stop and check the tyre pressure again; **engage the handbrake** and park safely;

- ❑ if a pressure value of at least 1.8 bar is detected, restore the correct pressure (with the engine running and the handbrake engaged), resume driving and drive with great care to the nearest Fiat Dealership.



WARNING

148) Give the instruction brochure to the personnel charged with handling the tyre treated with the quick tyre repair kit.

149) Punctures on the sides of the tyre cannot be repaired. Do not use the quick tyre repair kit if the tyre is damaged as a result of driving with it deflated.

150) If the wheel rim has been damaged (bent so as to cause air to leak), the wheel cannot be repaired. Do not remove foreign bodies (screws or nails) from the tyre.

151) Do not use the compressor for more than 20 consecutive minutes. Risk of overheating. Tyres repaired with the quick tyre repair kit must only be used temporarily, as the kit is not suitable for a definitive repair.

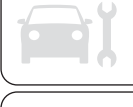
152) The bottle contains ethylene glycol. It contains latex that might cause allergic reactions. It is harmful if swallowed. It is irritant for the eyes. It may cause sensitisation if inhaled or on contact. Avoid contact with eyes, skin and clothes. In the case of contact, wash immediately with plenty of water. In the event that it is swallowed, do not induce vomiting. Rinse out your mouth, drink large quantities of water and seek immediate medical attention. Keep out of the reach of children. The product must not be used by asthmatics. Do not inhale the vapours during insertion and suction. Call a doctor immediately if allergic reactions are noted. Store the bottle in its proper compartment, away from sources of heat. The sealant has an expiry date. Replace the bottle if the sealant has expired.

153) Wear the protective gloves provided together with the quick tyre repair kit.

154) Apply the adhesive label where it can be easily seen by the driver as a reminder that the tyre has been treated with the quick repair kit. Drive carefully, particularly on bends. Do not exceed 80 km/h. Do not accelerate or brake suddenly.

155) If the pressure has fallen below 1.8 bar, do not drive any further: the quick tyre repair kit cannot guarantee the correct hold because the tyre is too damaged. Contact a Fiat Dealership.

156) Always indicate that the tyre was repaired using the quick tyre repair kit. Give the leaflet to the personnel charged with handling the tyre treated with the tyre repair kit.



**WARNING**

52) Punctures caused by foreign bodies can be repaired if the damage does not exceed 4 mm on the tread and on the shoulder of the tyre.

**WARNING**

3) Dispose of the bottle and the sealant properly. Have them disposed of in compliance with national and local regulations.

JUMP STARTING

If the battery is flat, a jump starting can be performed using the battery and the cables of another vehicle, or using a booster battery.

IMPORTANT

When a booster battery is used, comply with the utilisation and precaution instructions specified by the producer. Do not use the booster battery or any other source of external supply with a voltage above 12 V: the battery, the starter, the alternator and the electrical system of the vehicle could be damaged.

Do not attempt jump starting if the battery is frozen. The battery could break and explode!

PREPARATION TO JUMP STARTING

 157) 158)

 53) 54)

IMPORTANT The positive terminal (+) of the battery is shielded by a protective cover. Lift the cover to access the positive terminal.

Proceed as follows:

engage the handbrake, move the Dualogic gear lever to P (Park) or, for versions with manual gearbox, to neutral and bring the ignition key to STOP;

switch off all the other electrical devices in the vehicle;

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.

IMPORTANT Avoid contact between the two vehicles since this could cause a connection to earth and may result in serious injury to any people nearby.

PROCEDURE FOR JUMP STARTING

IMPORTANT If the procedure below is carried out incorrectly, it can cause severe injury to people or damage the recharging system of one or both vehicles. Carefully follow the instructions given below.

Cable connection

Proceed as follows to carry out a jump starting:

connect one end of the cable used for positive (+) to the positive terminal (+) of the vehicle with flat battery;

- ❑ connect the other end of the cable used for positive (+) to the positive terminal (+) of the auxiliary battery;
- ❑ connect one end of the cable used for negative (-) to the negative terminal (-) of the auxiliary battery;
- ❑ Connect the other end of the cable used for negative (-) to an engine earth (the visible metal part of the vehicle engine with flat battery) away from the battery and the fuel injection system;
- ❑ start the vehicle engine with the auxiliary battery, let it run for a few minutes at idling. Start the engine of the vehicle with flat battery.

Cable disconnection.

Once the engine has been started, remove the cables proceeding as follows:

- ❑ disconnect the end of the cable used for negative (-) from the engine earth of the vehicle with flat battery;
- ❑ disconnect the other end of the cable used for negative (-) from the negative terminal (-) of the auxiliary battery;
- ❑ disconnect the end of the cable used for positive (+) from the positive terminal (+) of the auxiliary battery;
- ❑ disconnect one end of the cable used for positive (+) from the positive terminal (+) of the vehicle with flat battery;

If it is often necessary to perform a jump starting, have the vehicle battery and the recharging system checked by a Fiat Dealership.

IMPORTANT Any accessories (e.g. mobile phones, etc.) connected to the vehicle power sockets draw current even if they are not used. These devices, if left connected too much time with engine off, may cause the battery to drain with following reduction of its life and/or failure to start the engine.



WARNING

157) *This procedure must be performed by qualified personnel as incorrect actions may cause high-intensity electrical discharge. Furthermore, battery fluid is poisonous and corrosive: avoid contact with skin and eyes. Keep naked flames and lighted cigarettes away from the battery and do not cause sparks.*

158) *Remove any metal objects (e.g. rings, watches, bracelets), that might cause an accidental electrical contact and cause serious injury.*



WARNING

53) *Do not connect the cable to the negative terminal (-) of the flat battery. The following spark could lead to battery explosion and cause serious harm. Only use the specific earth point; do not use any other exposed metallic part.*

54) *Never use a fast battery-charger to start the engine as this could damage the electronic systems of your vehicle, particularly the ignition and engine fuel supply control units.*



FUEL CUT-OFF SYSTEM



159)

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;
- the automatic switching on of the interior lights
- the switching on of the hazard warning lights.

IMPORTANT Carefully check the car for fuel leaks, for instance in the engine compartment, under the car or near the tank area. After an impact, turn the ignition key to STOP to prevent the battery from running down.

To restore the correct operation of the car, 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

159) *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 VEHICLE

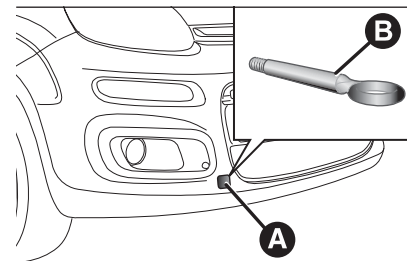


160) 161) 162) 163) 164)

The tow hook, which is supplied with the vehicle, is housed in the tool box, under the carpet in the luggage compartment.

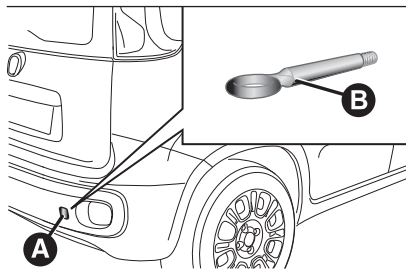
ATTACHING THE TOW HOOK

Manually remove cap A fig. 116 (front bumper) or A fig. 117 (rear bumper), pressing the lower part, take the tow hook B from its housing in the tool box and tighten it completely on the front or rear threaded pin.



116

F1D0094



117

F1D0095

Versions with Dualogic gearbox

Make sure that the gearbox is in neutral (N) (checking that the vehicle moves when pushed) and proceed in the same way as for towing a normal vehicle with a manual gearbox. If the gearbox cannot be put in neutral, do not tow the vehicle and contact a Fiat Dealership.

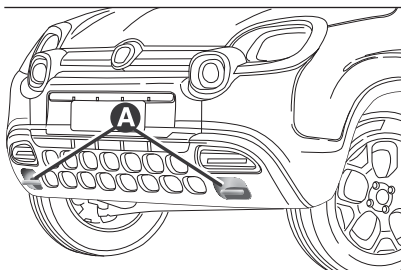
Panda Cross and Panda 4x4 versions

The vehicle 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.

IMPORTANT For Panda Cross versions, the tow hooks A fig. 118 the vehicle is equipped with can only be used for towing it in an emergency.



118

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WARNING

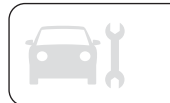
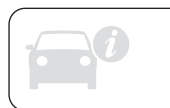
160) Before starting towing operations, turn the ignition key to MAR and then to STOP, without extracting it. The steering column will automatically lock when the key is removed and the wheels cannot be steered.

161) Before tightening the ring clean the threaded housing thoroughly. Make sure that the ring is fully fastened in the housing before towing the vehicle.

162) Whilst towing, remember that as the assistance of the brake servo and the electric power 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. While 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 vehicle.

163) The front and rear tow hooks should be used only for emergencies on the road. You are allowed to tow the vehicle for short distances using an appropriate device in accordance with the highway code (a rigid bar), to move the vehicle on the road in readiness for towing or transporting 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 vehicles (one towing, the other towed) aligned as much as possible along the same centre line.

164) Do not use tow hooks for securing the vehicle on ships.



SERVICING AND MAINTENANCE

Correct maintenance permits the performance of the vehicle to be maintained over time, as well as limited running costs and safeguarding the efficiency of the safety systems.

This chapter explains how.

SCHEDULED SERVICING	121
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WINDSCREEN/REAR WINDOW WIPER	136
LIFTING THE VEHICLE.....	137
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SCHEDULED SERVICING

Correct servicing is crucial for guaranteeing a long life for the vehicle under the best conditions. For this reason, Fiat has planned a series of checks and services at fixed distance intervals and, where provided, at fixed time intervals, as described in the Scheduled Servicing Plan.

Before each service, it is always necessary to carefully follow the instructions in the Scheduled Servicing Plan (e.g. periodically check level of fluids, tyre pressure, etc.).

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 your explicit agreement only. If your vehicle is used frequently for towing, the interval between one service operation and the next should be reduced.

IMPORTANT Scheduled Servicing interventions are set out by the Manufacturer. Failure to have them carried out may invalidate the warranty. It is advisable to inform a Fiat Dealership of any small operating irregularities without waiting for the next service.

PERIODIC 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.

HEAVY-DUTY USE OF THE VEHICLE

If the vehicle 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 cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage;
- visually inspect conditions of: engine, gearbox, transmission, pipes and hoses (exhaust/fuel system/brakes) and rubber elements (gaiters/sleeves/bushes, etc.);
- check battery charge and battery fluid level (electrolyte);
- visually inspect conditions of the auxiliary drive belts;
- check and, if necessary, change engine oil and replace oil filter / pollen filter / air cleaner.



SCHEDULED SERVICING PLAN (petrol versions)

The checks listed in the Scheduled Servicing Plan, after reaching 120,000 km/8 years, must be cyclically repeated starting from the first interval, thus following the same intervals as before.

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of kilometres	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Check tyre condition/wear and adjust pressure, if necessary; check "Fix&Go Automatic" kit recharge expiry date (for versions/markets, where provided)	●	●	●	●	●	●	●	●	●	●
Check operation of lighting system (headlights, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (engine coolant, hydraulic clutch/brakes, windscreen washer, battery, etc.)	●	●	●	●	●	●	●	●	●	●
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 conditions 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	●		●		●		●		●	

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 operation of the windscreen wiper/washer system and adjust jets, if necessary	●		●		●		●		●	
Check cleanliness of bonnet and luggage compartment locks, as well as cleanliness and lubrication of linkages		●		●		●		●		●
Check handbrake lever travel and adjust, if necessary		●		●		●		●		●
Check/adjust clutch pedal travel		●		●		●		●		●
Visually inspect condition and wear of front disc brake pads and operation of pad wear indicator (for versions/markets where provided)	●	●	●	●	●	●	●	●	●	●
Visually inspect condition and wear of rear disc brake pads and operation of pad wear indicator (for versions/markets where provided)	●	●	●	●	●	●	●	●	●	●
Visually inspect condition and wear of the rear drum brake lining	●	●	●	●	●	●	●	●	●	●
Visually inspect conditions of the accessory drive belt(s)				●						
Check tension of accessory drive belt (versions without automatic tensioner)		●								●
Visually inspect condition of toothed timing drive belt (0.9 TwinAir 60 HP/65 HP and 0.9 TwinAir Turbo 80 HP/85 HP versions excluded)				●						
Check tappet clearance and adjust if necessary (1.2 8V HP versions)				●				●		



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 manual gearbox oil level				●				●		
Check and, if necessary, top-up the Dualogic gearbox oil level (1)		●		●		●		●		●
Check manual gearbox with drive transmission idler unit (PTU) oil level (Panda Cross and Panda 4x4 versions only)				●				●		
Check rear differential oil level (Panda Cross and Panda 4x4 versions only)				●				●		
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) (2)		●		●		●		●		●
Check pressure regulator and replace internal filter, if necessary (Natural Power versions only) (2)		●		●		●		●		●
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)				●				●		

(1) Check to be carried out every year for vehicles on the road in countries with particularly severe climates (cold countries).

(2) Or every year.

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 pressure regulator heating pipes sealing (Natural Power versions only)		●		●		●		●		●
Check correct fitting of injectors (positioning, clip retention) (Natural Power versions only)		●		●		●		●		●
Change engine oil and replace oil filter (3)		●		●		●		●		●
Replace spark plugs (1.2 8V 69 HP and 0.9 TwinAir Turbo 80 HP/85 HP versions) (2)		●		●		●		●		●
Replace spark plugs (0.9 TwinAir 60 HP/65 HP)				●				●		
Replace accessory drive belt(s) (4)								●		

(3) If the vehicle is used mainly on urban routes or the annual distance travelled is less than 10,000 km, the engine oil and engine oil filter must be changed every year.

(2) Or every year

(4) Areas that are not dusty: recommended maximum mileage 120,000 km. Regardless of the mileage, the belt must be replaced every 6 years.

Dusty areas and/or demanding use of the vehicle (cold climates, town use, long periods of idling): advised maximum mileage 60,000 km. Regardless of the mileage, the belt must be replaced every 4 years.



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 toothed timing drive belt (0.9 TwinAir 60 HP/65 HP and 0.9 TwinAir Turbo 80 HP/85 HP versions excluded)(4)								●		
Replace air cleaner cartridge (5)		●		●		●		●		●
Change the brake fluid		●		●		●		●		●
Replace filter inside the pressure regulator (LPG versions only) (6)						●				
Replace paper filter (LPG in gaseous state) (LPG versions only)		●		●		●		●		●
Replace passenger compartment cleaner (5) (O) (●)	O	●	O	●	O	●	O	●	O	●

(4) Areas that are not dusty: recommended maximum mileage 120,000 km. Regardless of the mileage, the belt must be replaced every 6 years.

Dusty areas and/or demanding use of the vehicle (cold climates, town use, long periods of idling): advised maximum mileage 60,000 km. Regardless of the mileage, the belt must be replaced every 4 years.

(5) If the vehicle is used in dusty areas, this cleaner must be replaced every 15,000 km

(6) Replace the filter inside the pressure regulator every 6 years or 90,000 km

(O) Recommended operations

(●) Mandatory operations

DIESEL VERSIONS

The checks listed in the Scheduled Servicing Plan, after reaching 120,000 km/6 years, must be cyclically repeated starting from the first interval, thus following the same intervals as before.

Thousands of miles	12	24	36	48	60	72	84	96	108	120
Thousands of kilometres	20	40	60	80	100	120	140	160	180	200
Years	1	2	3	4	5	6	7	8	9	10
Check tyre condition/wear and adjust pressure, if necessary; check "Fix&Go Automatic" kit recharge expiry date (for versions/markets, where provided)	●	●	●	●	●	●	●	●	●	●
Check operation of lighting system (headlights, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (engine coolant, hydraulic clutch/brakes, windscreen washer, battery, etc.)	●	●	●	●	●	●	●	●	●	●
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 conditions 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	●		●		●		●		●	



Thousands of miles	12	24	36	48	60	72	84	96	108	120
Thousands of kilometres	20	40	60	80	100	120	140	160	180	200
Years	1	2	3	4	5	6	7	8	9	10
Check operation of the windscreen wiper/washer system and adjust jets, if necessary	●		●		●		●		●	
Check cleanliness of bonnet and luggage compartment locks, as well as cleanliness and lubrication of linkages		●		●		●		●		●
Check handbrake lever travel and adjust, if necessary		●		●		●		●		●
Visually inspect condition and wear of front disc brake pads and operation of pad wear indicator (for versions/markets where provided)	●	●	●	●	●	●	●	●	●	●
Visually inspect condition and wear of rear disc brake pads and operation of pad wear indicator (for versions/markets where provided)	●	●	●	●	●	●	●	●	●	●
Visually inspect condition and wear of the rear drum brake lining	●	●	●	●	●	●	●	●	●	●
Visually inspect conditions of the accessory drive belt(s)		●						●		
Check manual gearbox oil level			●			●			●	
Check drive transmission idler unit (PTU) oil level (Panda Cross and Panda 4x4 versions only)			●			●			●	
Check rear differential oil level (Panda Cross and Panda 4x4 versions only)			●			●			●	

Thousands of miles	12	24	36	48	60	72	84	96	108	120
Thousands of kilometres	20	40	60	80	100	120	140	160	180	200
Years	1	2	3	4	5	6	7	8	9	10
Change engine oil and replace oil filter	(1)									
Replace accessory drive belt(s) (2)						●				
Replace fuel filter cartridge (3)			●			●			●	
Replace air cleaner cartridge (4)		●		●		●		●		●
Change the brake fluid		●		●		●		●		●
Replace passenger compartment cleaner (4) (O) (●)	○	●	○	●	○	●	○	●	○	●

(1) The actual interval for changing engine oil and replacing the engine oil filter depends on the vehicle usage conditions and is signalled by the warning light or message in the instrument panel. In any case, it must never exceed 2 years.

If the vehicle is mainly used in towns and cities, change the engine oil and filter every year.

(2) Areas that are not dusty: recommended maximum mileage 120,000 km. Regardless of the mileage, the belt must be replaced every 6 years.

Dusty areas and/or demanding use of the vehicle (cold climates, town use, long periods of idling): advised maximum mileage 60,000 km. Regardless of the mileage, the belt must be replaced every 4 years.

(3) If the vehicle runs on fuel with quality below the relevant European specification, this filter must be replaced every 20,000 km

(4) If the vehicle is used in dusty areas, this cleaner must be replaced every 20,000 km

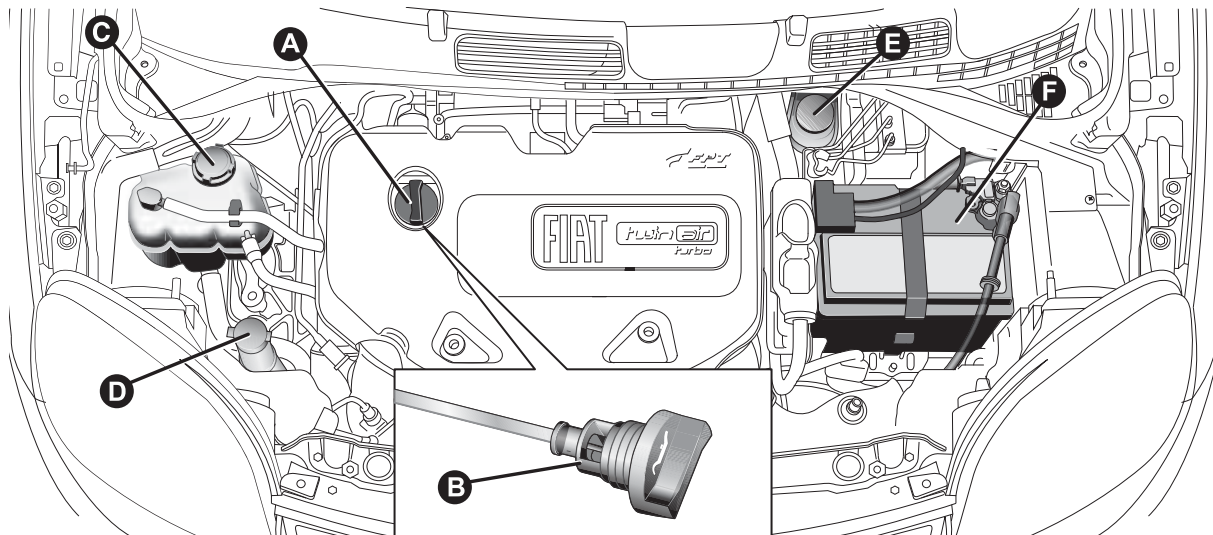
(O) Recommended operations

(●) Mandatory operations



ENGINE COMPARTMENT**CHECKING LEVELS**

▲ 165) 166) ▲ 55)

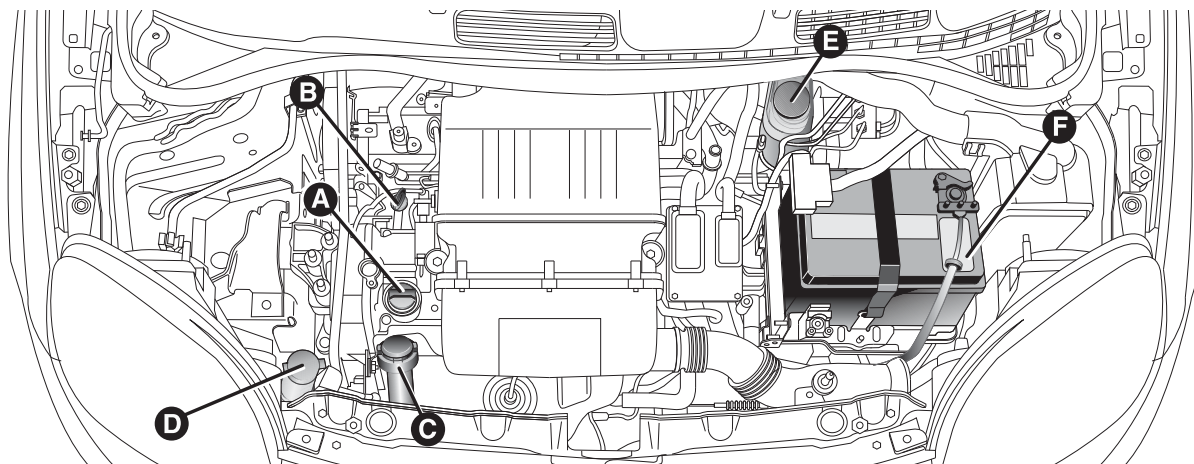
0.9 TwinAir/0.9 TwinAir Turbo versions

119

F1D0097

A. Engine oil plug/filler -- B. Engine oil dipstick -- C. Engine coolant -- D. Washer fluid for windscreen/rear window -- E. Brake fluid -- F. Battery

1.2 8V 69 HP versions

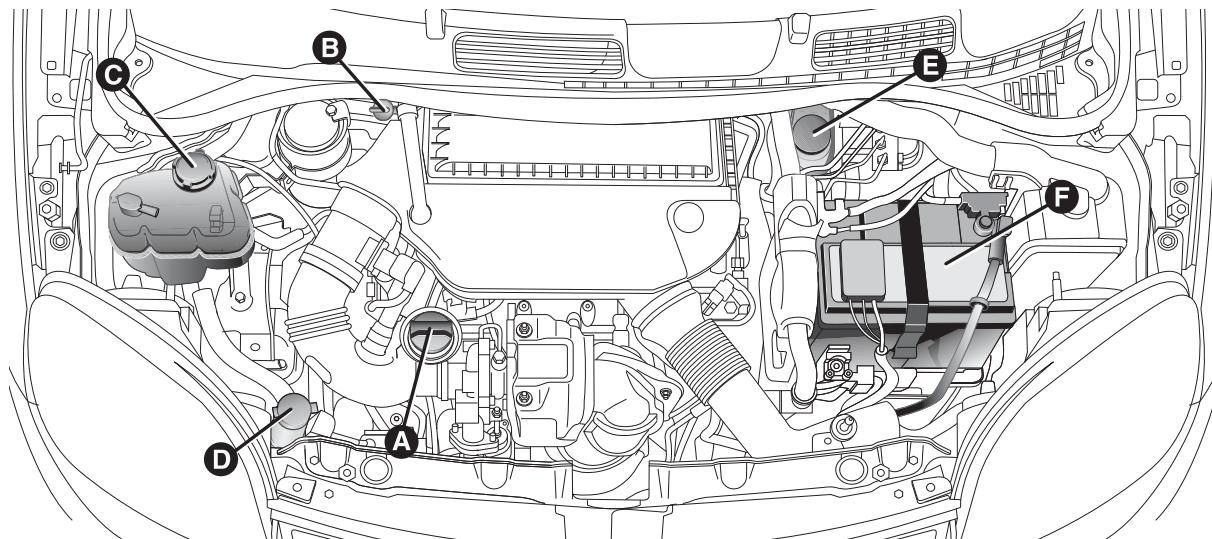


120

F1D0098

A. Engine oil plug/filler -- B. Engine oil dipstick -- C. Engine coolant -- D. Washer fluid for windscreen/rear window -- E. Brake fluid -- F. Battery





1.3 16V MultiJet versions

121

F1D0099

A. Engine oil plug/filler -- B. Engine oil dipstick -- C. Engine coolant -- D. Washer fluid for windscreen/rear window -- E. Brake fluid -- F. Battery

ENGINE OIL

 56) 57)  4)

Check the oil level a few minutes (about five) 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 oil level is near or even under the MIN mark, add oil using the filler A to reach the MAX mark.

NOTE For the 0.9 TwinAir and 0.9 TwinAir Turbo versions, engine oil dipstick B is integral with the cap A. Take out the engine oil dipstick A, clean it with a lint-free cloth and reinsert it. Extract it again and check that the 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.

IMPORTANT After adding or changing the oil, let the engine run for a few seconds and wait a few minutes after switching it off before checking the level.

ENGINE COOLANT

 167)  58)

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

 168)

If the level is too low, raise reservoir cap D (see previous pages) and add the fluid described in the chapter "Technical Specifications".

BRAKE FLUID

 169) 170)  59)

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" chapter.

DUALOGIC GEARBOX HYDRAULIC ACTIVATION SYSTEM OIL

 5)


The fluid level should only be checked at a Fiat Dealership.

BATTERY

 171) 172) 173) 174)

 60)  6)

Battery F does not require topping up the electrolyte with distilled water. A periodic check carried out at a Fiat Dealership is, however, necessary to check efficiency.

IMPORTANT After the 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.

IMPORTANT If the charge level remains under 50% for a long time, the battery is damaged by sulphation, reducing its capacity and efficiency at start-up.

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**


165) Never smoke when performing operations in the engine compartment. Flammable gases and fumes may be present and risk igniting.

166) Be very careful when working in the engine compartment when the engine is hot: you may get burnt.

167) The cooling system is pressurised. If necessary, only replace the cap with another original one or the operation of the system may be adversely affected. Do not remove the reservoir cap when the engine is hot: risk of burns.

168) Do not travel with the washer fluid reservoir empty: the washer operation is essential for improving visibility. Some commercial windscreen washer additives are flammable. The engine compartment contains hot components which may set it on fire.

169) 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.

170) The  symbol on the container indicates a synthetic brake fluid, which is different from a mineral fluid. Using a mineral fluid will damage the special rubber seals of the braking system beyond repair.

171) Battery fluid is poisonous and corrosive. Avoid contact with the skin and eyes. Keep naked flames and sources of sparks away from the battery: risk of explosion and fire.

172) Using the battery with insufficient fluid irreparably damages the battery and may cause an explosion.

173) If the vehicle is left for long periods in very cold environments, remove the battery and store it in a warm place to prevent freezing.

174) Always wear the proper protective eyewear when working on the battery or near it.

**WARNING**

55) Be careful not to confuse the various types of fluids while topping up: they are not compatible with each other! Topping up with an unsuitable fluid could severely damage your vehicle.

56) The oil level should never exceed the MAX mark.

57) Do not add oil with specifications other than those of the oil already in the engine.

58) PARAFLU^{JP} anti-freeze is used in the engine cooling system. Use the same fluid as in the cooling system when topping up. PARAFLU^{JP} cannot be mixed with any other type of fluid. If this happens, do not start the engine and contact a Fiat Dealership.

**WARNING**

4) 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.

5) Used transmission fluid contains substances that are harmful to the environment. It is advisable to have the oil changed by a Fiat Dealership where it will be disposed of respecting the environment and according to legal requirements.

6) Batteries contain substances which are very dangerous for the environment. For battery replacement, contact a Fiat Dealership.

59) Avoid allowing brake fluid, which is extremely corrosive, to come into contact with painted areas. Should it happen, wash immediately with water.

60) Incorrect assembly of electrical and electronic accessories may cause severe damage to your vehicle. After purchasing your vehicle, if you wish to install any accessories (anti-theft, phone, etc.), contact a Fiat Dealership, which will suggest the most appropriate devices for your vehicle, and will, most importantly, advise you if a higher capacity battery needs to be installed.

BATTERY RECHARGING

 175) 176)

IMPORTANT After turning the ignition key to STOP and having closed the driver's side door, wait at least one minute before disconnecting and then reconnecting the battery electrical supply.

IMPORTANT Charging should be slow at a low ampere rating for approximately 24 hours. Charging for a longer time may damage the battery.

IMPORTANT The cables of the electrical system must be correctly reconnected to the battery, i.e. the positive cable (+) to the positive terminal and the negative cable (-) to the negative terminal. The battery terminals are marked with the positive (+) and negative (-) symbols, and are shown on the battery cover. The battery terminals must also be corrosion-free.

IMPORTANT If a "quick-type" battery charger is used with the battery fitted on the vehicle, before connecting it disconnect both cables of the battery itself. Do not use a "quick-type" battery charger to provide the starting voltage.

IMPORTANT The battery recharging procedure is given as information only. You are advised to contact a Fiat Dealership to have this operation performed.

VERSIONS WITHOUT Start&Stop SYSTEM (for versions/markets, where provided)

Charge the battery as follows:

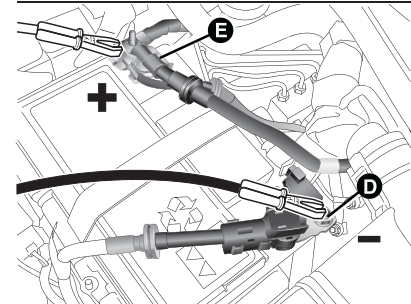
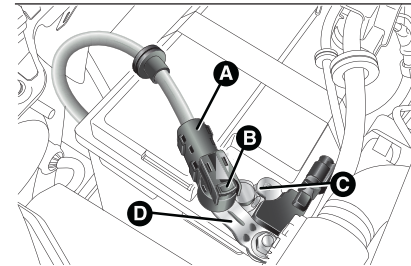
- disconnect the negative battery terminal;
- connect the charger cables to the battery terminals, observing the polarity;
- turn on the charger;
- when it is recharged, turn the charger off before disconnecting it from the battery;
- reconnect the negative battery terminal.

VERSIONS WITH Stop/Start SYSTEM (for versions/markets, where provided)

To recharge, proceed as follows:

- disconnect the connector A fig. 122 (pressing the button B) from the sensor C monitoring the battery conditions, on the negative pole D of the battery;
- connect the positive cable of the battery charger to the positive battery pole E and the negative cable to the terminal of sensor D;

- turn on the battery charger. At the end of the charging process, switch the battery charger off;
- after having disconnected the charging device, reconnect the connector A to the sensor C.



122

F1D0136



**WARNING**

175) Battery fluid is poisonous and corrosive: avoid contact with your skin and eyes. The battery should be charged in a well ventilated place, away from naked flames or possible sources of sparks: danger of explosion and fire.

176) Do not attempt to charge a frozen battery: it must be thawed first, otherwise it may explode. If freezing has occurred, the battery should be checked by skilled personnel 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.

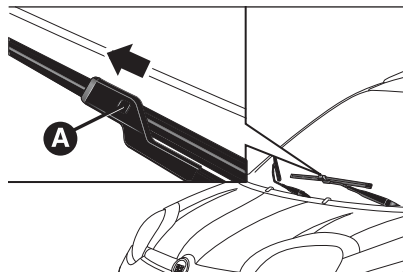
WINDSCREEN/REAR WINDOW WIPER

eLUMI

177) 61)

REPLACING THE WINDSCREEN WIPER BLADES

- raise the wiper arm, press tab A fig. 123 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 on the windscreen.



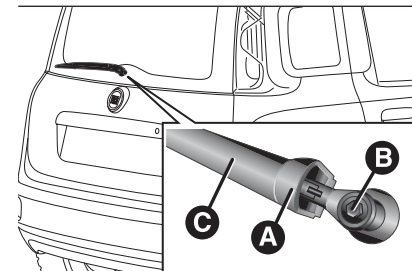
123

F1D0100

REPLACING THE REAR WINDOW WIPER BLADE

Proceed as follows:

- raise cover A fig. 124, undo nut B and remove arm C;
- correctly position the new arm, fully tighten the nut B then lower the cover A.



124

F1D0101

SPRAY 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 "Checking fluid levels" in this chapter). Then check that the nozzle holes are not clogged; use a needle to unblock them if necessary.

IMPORTANT In versions with a sun roof, make sure that the sun roof is closed before operating the window washer jets.

Rear window washer

The rear window washer jets are fixed. The nozzle holder is located above the rear window.



WARNING

177) Driving with worn windscreen/rear window wiper blades is a serious hazard, because visibility is reduced in bad weather.



WARNING

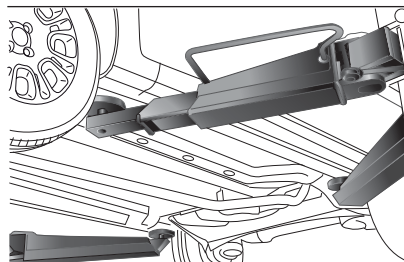
61) Do not operate the windscreen wiper with the blades lifted from the windscreen.

LIFTING THE VEHICLE



178)

If the vehicle needs to be jacked up, go to a Fiat Dealership which is equipped with workshop jacks and jack arms fig. 125.



125

F1D0135



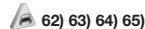
WARNING

178) Lift the vehicle exclusively by positioning the jack arms or the workshop jack in the points illustrated.

WHEELS AND TYRES



179)



62) 63) 64) 65)

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**

179) 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.

**WARNING**

62) Road holding depends also on the correct tyre inflating pressure.

63) If the pressure is too low the tyre overheats and this can cause it serious damage.

64) Do not cross switch the tyres, moving them from the right of the vehicle to the left and vice versa.

65) Never submit alloy rims to repainting treatments requiring the use of temperatures exceeding 150°C. The mechanical properties of the wheels could be impaired.

TECHNICAL SPECIFICATIONS



Everything you may find useful for understanding how your vehicle is made and works is contained in this chapter and illustrated with data, tables and graphics. For the enthusiasts and the technician, but also just for those who want to know every detail of their vehicle.

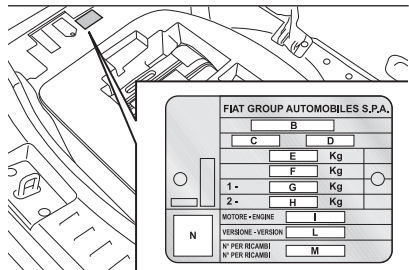
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IDENTIFICATION DATA

VIN PLATE

This is applied on the left side of the luggage compartment fig. 126 (lift the mat for access) and bears the following data:



126

F1D0102

- B** Type-approval number.
- C** Vehicle type identification code.
- D** Chassis serial number.
- E** Maximum permitted weight of vehicle fully laden.
- F** Maximum permitted weight of vehicle fully laden plus trailer.
- G** Maximum permitted weight on first axle (front).
- H** Maximum permitted weight on second axle (rear).
- I** Engine type.
- L** Bodywork version code.

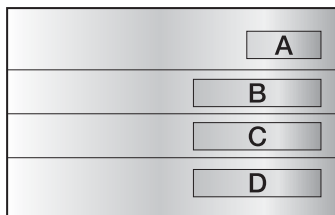
M Spare part number.

N Correct value of smoke coefficient (for diesel engines).

BODYWORK PAINT IDENTIFICATION PLATE

This is applied inside the bonnet (left side) and bears the following data fig. 127:

- A** Paint manufacturer.
- B** Colour name.
- C** Fiat colour code.
- D** Respray and touch up code.



127

F1D0128

CHASSIS MARKING

This is located on the right side of the luggage compartment rear floor and gives the following identification data:

- type of vehicle;
- chassis serial number.

ENGINE MARKING

It is stamped on the cylinder block and includes the type and the engine serial number.

ENGINE

Versions	1.2 8V 69 HP	1.2 8V 69 HP LPG	
Type code	169A4000	169A4000	
Cycle	Otto	Otto	
Number and position of cylinders	4 in line	4 in line	
Piston bore and stroke (mm)	70.8 x 78.86	70.8 x 78.86	
Total displacement (cm ³)	1242	1242	
Compression ratio	11,1	11,1	
		LPG	Petrol
Maximum power (EEC) (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 RON (EN 228 specification)	LPG for motor vehicles	Unleaded petrol 95 RON (EN 228 specification)



Versions	0.9 TwinAir 60 HP (*)	0.9 TwinAir 65 HP	0.9 TwinAir Turbo 80 HP (*)
Type code	312A6000	312A4000	312A5000
Cycle	Otto	Otto	Otto
Number and position of cylinders	2 in line	2 in line	2 in line
Piston bore and stroke (mm)	83.5x88	83.5x88	80.5x86
Total displacement (cm ³)	964	964	875
Compression ratio	11.1 : 1	11.1	10
Maximum power (EEC) (kW)	44	48	59
Maximum power (EEC) (HP)	60	65	80
corresponding engine speed (rpm)	6250	6250	5500
Maximum torque (EEC) (Nm)	88	88	145
Maximum torque (EEC) (kgm)	8.9	8.9	14.8
corresponding engine speed (rpm)	3500	3500	1900
Spark plugs	NGK T20182U	NGK LKR7DI-12	NGK PLKR9C8
Fuel	Unleaded petrol 95 RON (EN 228 specification)	Unleaded petrol 95 RON (EN 228 specification)	Unleaded petrol 95 RON (EN 228 specification)

(*) For versions/markets, where provided

Versions	0.9 TwinAir Turbo 85 HP	0.9 TwinAir Turbo Natural Power	
Type code	312A2000	312A2000	
Cycle	Otto	Otto	
Number and position of cylinders	2 in line	2 in line	
Piston bore and stroke (mm)	80.5 x 86.0	80.5 x 86.0	
Total displacement (cm ³)	875	875	
Compression ratio	10	10	
		Methane	Petrol
Maximum power (EEC) (kW)	62.5 / 57 (*)	59	62.5
Maximum power (EEC) (HP)	85 / 77.5(*)	80	85
corresponding engine speed (rpm)	5500	5500	5500
Maximum torque (EEC) (Nm)	145 / 100 (*)	140	145
Maximum torque (EEC) (kgm)	14.8 / 10.2 (*)	14.3	14.8
corresponding engine speed (rpm)	1900 / 2000 (*)	2500	1900
Spark plugs	NGK ILKR9G8	NGK ILKR9G8	
Fuel	Unleaded petrol 95 RON (EN 228 specification)	Methane for motor vehicles	Unleaded petrol 95 RON (EN 228 specification)

(*) With ECO button pressed



Versions	0.9 TwinAir Turbo 90 HP (*)	1.3 16V MultiJet 75 HP	1.3 16V MultiJet 80 HP (*)
Type code	312A7000	199A9000	312A8000
Cycle	Otto	Diesel	Diesel
Number and position of cylinders	2 in line	4 in line	4 in line
Piston bore and stroke (mm)	80.5 x 86.0	69.6 x 82	69.6 x 82
Total displacement (cm ³)	875	1248	1248
Compression ratio	10	16.8	16.8
Maximum power (EEC) (kW)	66.2 / 57 (**)	55	59
Maximum power (EEC) (HP)	90 / 77.5 (**)	75	80
corresponding engine speed (rpm)	5500	4000	4000
Maximum torque (EEC) (Nm)	145 / 100 (**)	190	190
Maximum torque (EEC) (kgm)	14.8 / 10.2 (**)	19.4	19.4
corresponding engine speed (rpm)	1900 / 2000 (**)	1500	1500
Spark plugs	NGK ILKR9G8	-	-
Fuel	Unleaded petrol 95 RON (EN 228 specification)	Diesel for motor vehicles (EN 590 Specification)	Diesel for motor vehicles (EN 590 Specification)

(*) For versions/markets, where provided

(**) With ECO button pressed

WHEELS

 180) 181) 182)

RIMS AND TYRES PROVIDED

Panda/Panda Trekking versions

Versions	Rims	Tyres provided	Snow tyres	Space-saver wheel (*)
0.9 TwinAir 60 HP (*)	5.5J x 14H2 - ET35	175/65 R14 82T(**)	175/65 R14 84Q (M+S)	135/80 R14 84M
	5.5J x 14H2 - ET35	175/65 R14 82T(**)	175/65 R14 84Q (M+S)	135/80 R14 84M
0.9 TwinAir 65 HP	5.5J x 14H2 - ET35	175/65 R14 82T Goodyear Duragrip (**) (***)	175/65 R14 84Q (M+S)	135/80 R14 84M
	6J x 15H2 - ET35 (****)	185/55 R15 82T (°)	185/55 R15 82Q (M+S)	135/80 R14 84M
0.9 TwinAir 80 HP (*)	5.5J x 14H2 - ET35	175/65 R14 82T(**)	175/65 R14 84Q (M+S)	135/80 R14 84M

(*) For versions/markets, where provided.

(**) The tyre can be fitted with reduced size snow chains: 9 mm.

(***) For versions/markets, where provided. Tyres offering equivalent performance can be used as an alternative.

(****) Alloy wheel rim.

(°) Not suitable for chains.



Versions	Rims	Tyres provided	Snow tyres	Space-saver wheel (*)
0.9 TwinAir Turbo 85 HP	5.5J x 14H2 - ET35	175/65 R14 82T(**)	175/65 R14 84Q (M+S)	135/80 R14 84M
	5.5J x 14H2 - ET35	175/65 R14 82T Goodyear Duragrip (**) (***)	175/65 R14 84Q (M+S)	135/80 R14 84M
	6J x 15H2 - ET35 (****)	185/55 R15 82T (°)	185/55 R15 82Q (M+S)	135/80 R14 84M
	6J x 15H2 - ET35 (****)	175/65 R15 84T (M+S) (°°) (°°°)	-	125/80 R15 95M
0.9 TwinAir Turbo Natural Power	6J x 15H2 - ET 35 (#)	175/65 R15 84T (°°°)	175/65 R15 84T (M+S) (°°°)	-

(*) For versions/markets, where provided.

(**) The tyre can be fitted with reduced size snow chains: 9 mm.

(***) For versions/markets, where provided. Tyres offering equivalent performance can be used as an alternative.

(****) Alloy wheel rim.

(°) Not suitable for chains.

(°°) For Trekking versions.

(°°°) The tyre can be fitted with reduced size snow chains: 7 mm.

(#) Trekking versions: alloy rims as standard outfit. Upon demand for the other versions.

Versions	Rims	Tyres provided	Snow tyres	Space-saver wheel (*)
1.2 8V 69 HP	5.5J x 14H2 - ET35	165/65 R14 79T (*)	175/65 R14 84Q (M+S)	135/80 R14 84M
	5.5J x 14H2 - ET35	165/70 R14 81T(**)	175/65 R14 84Q (M+S)	135/80 R14 84M
	5.5J x 14H2 - ET35	175/65 R14 82T(**)	175/65 R14 84Q (M+S)	135/80 R14 84M
	6J x 15H2 - ET35 (****)	185/55 R15 82T (°)	185/55 R15 82Q (M+S)	135/80 R14 84M
1.3 16V MultiJet	5.5J x 14H2 - ET35	165/65 R14 79T (*)	175/65 R14 84Q (M+S)	135/80 R14 84M
	5.5J x 14H2 - ET35	165/70 R14 81T(**)	175/65 R14 84Q (M+S)	135/80 R14 84M
	5.5J x 14H2 - ET35	175/65 R14 82T(**)	175/65 R14 84Q (M+S)	135/80 R14 84M
	6J x 15H2 - ET35 (****)	185/55 R15 82T (°)	185/55 R15 82Q (M+S)	135/80 R14 84M
	6J x 15H2 - ET35 (****)	175/65 R15 84T (M+S) (°°) (°°°)	-	125/80 R15 95M

(*) For versions/markets, where provided.

(**) The tyre can be fitted with reduced size snow chains: 9 mm.

(****) Alloy wheel rim.

(°) Not suitable for chains.

(°°) For Trekking versions.

(°°°) The tyre can be fitted with reduced size snow chains: 7 mm.



Panda 4x4 versions

Versions	Rims	Tyres provided	Snow tyres	Space-saver wheel (*)
0.9 TwinAir Turbo 85 HP	6J x 15H2 - ET35	175/65 R15 84T M+S (**)	-	125/80 R15 95M
	6J x 15H2 - ET35	175/65 R15 84T (**)(***)	-	125/80 R15 95M
1.3 16V MultiJet	6J x 15H2 - ET35	175/65 R15 84T M+S (**)	-	125/80 R15 95M
	6J x 15H2 - ET35	175/65 R15 84T (**)	-	125/80 R15 95M

(*) For versions/markets, where provided.

(**) The tyres can be fitted with reduced size snow chains: 7 mm.

(***) Tyres available on request.

Panda Cross versions

Versions	Rims	Tyres provided	Snow tyres	Space-saver wheel (*)
0.9 TwinAir Turbo 90 HP	6 J x 15H2 ET35	175/65 R15 84T M+S (**)	-	125/80 R15 95M
	6 J x 15H2 ET35	175/65 R15 84T (**)	-	125/80 R15 95M
	6 J x 15H2 ET30	185/65 R15 88H M+S (***)	-	125/80 R15 95M
	6 J x 15H2 ET30	185/65 R15 88H (***)	-	125/80 R15 95M
	6 J x 15H2 ET35	175/65 R15 84T M+S (**)	-	125/80 R15 95M
1.3 16V MultiJet 80 HP	6 J x 15H2 ET35	175/65 R15 84T (**)	-	125/80 R15 95M
	6 J x 15H2 ET30	185/65 R15 88H M+S (***)	-	125/80 R15 95M
	6 J x 15H2 ET30	185/65 R15 88H (***)	-	125/80 R15 95M

(*) For versions/markets, where provided.

(**) The tyre can be fitted with chains.

(***) Tyre not suitable for fitting snow chains.

Note For Panda Cross 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.

COLD TYRE INFLATION PRESSURE (bar)

When the tyres are warm, add +0.3 bar to the pressure value prescribed. However, recheck that the value is correct with the tyre cold. With snow tyres, add +0.2 bar to the pressure value prescribed for standard tyres.

Panda / Panda Trekking versions

Tyres	Unladen/medium load		Full load		Space-saver wheel
	Front	Rear	Front	Rear	
165/65 R14 79T	2.5	2.2	2.7	2.4	2.8
165/70 R14 81T(*)	2.3	2.0	2.5	2.2	2.8
175/65 R14 82T	2.2 / 2.5 (**)	2.0 / 2.5 (**) / 2.1 (***)	2.5	2.5	2.8
175/65 R15 84T (M+S) (****)	2.2	2.1	2.5	2.5	4.2
185/55 R15 82T	2.2	2.0	2.5	2.5	2.8

(*) For versions/markets, where provided

(**) 0.9 TwinAir 60 HP/80 HP engines

(***) Natural Power versions

(****) For Trekking versions



Panda Cross / Panda 4x4 versions

Tyres	Unladen/medium load		Full load		Space-saver wheel (*)
	Front	Rear	Front	Rear	
175/65 R15 84T M+S (*)	2.2	2.1	2.5	2.5	4.2
175/65 R15 84T (*)	2.2	2.1	2.5	2.5	4.2
175/65 R15 84T (**)	2.4	2.2	2.7	2.7	4.2
185/65 R15 88H (**)	2.4	2.2	2.7	2.7	4.2

(*) For versions/markets, where provided.

(*) For Panda 4x4 versions

(**) For Panda Cross versions

Note For Cross and 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.

SNOW CHAINS

 183) 184) 185)  66)

Important

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, snow, etc.) tyres between front and rear axle may adversely affect vehicle driveability, with the risk of losing control of the vehicle 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

180) The maximum speed for snow tyres marked "Q" is 160 km/h, while it is 190 km/h for "T" tyres and 210 km/h for "H" tyres. The highway code speed limits must however always be complied with.

181) 185/55 R15 82T tyres cannot be fitted with chains.

182) 175/65 R14 82T tyres can be fitted with reduced size snow chains: 9 mm.

183) 175/65 R15 84T tyres can be fitted with reduced size snow chains: 7 mm.

184) Keep your speed down when snow chains are fitted; do not exceed 50 km/h. Avoid potholes, steps and pavements and avoid driving for long distances on roads not covered with snow to prevent damaging the vehicle and the road surface.

185) 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 loss of tyre pressure.



WARNING

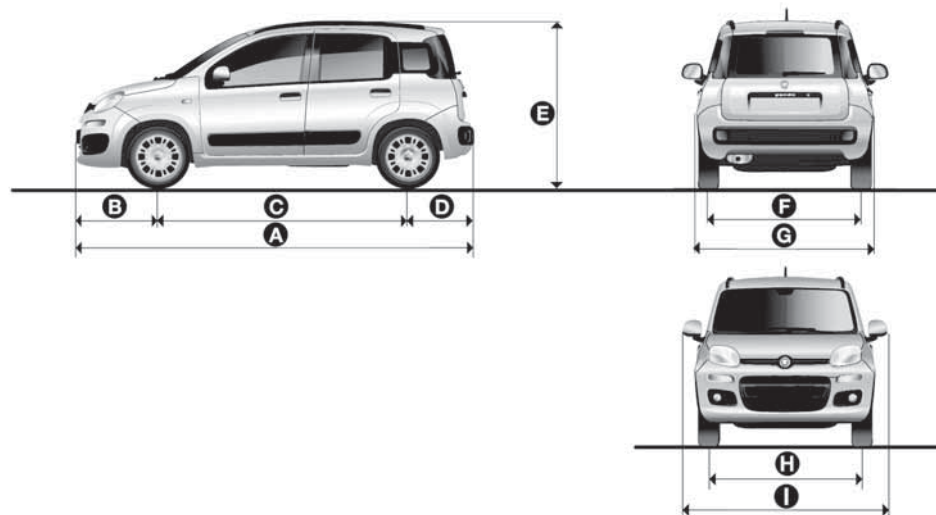
66) When the snow chains are on, use the accelerator with extreme care to prevent, or to limit as much as possible, the driving wheels from skidding. This could cause the chains to break, resulting in damage to the vehicle body or mechanical components.



DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle equipped with its standard-supplied tyres. Height is measured with vehicle unladen.

Panda versions



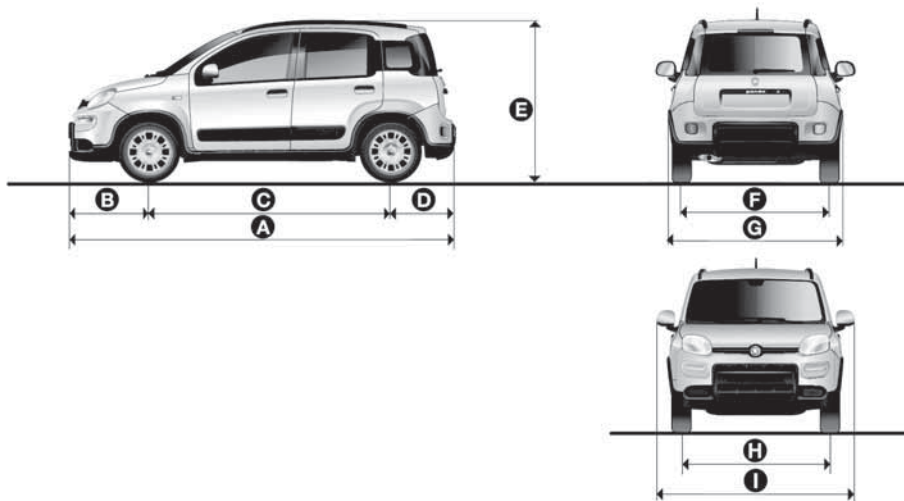
128

F1D0103

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 Trekking / Panda 4x4 versions



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F1D0104

Panda Trekking

A	B	C	D	E	F	G	H	I
3686	765	2300	621	1605	1408	1672	1414	1882

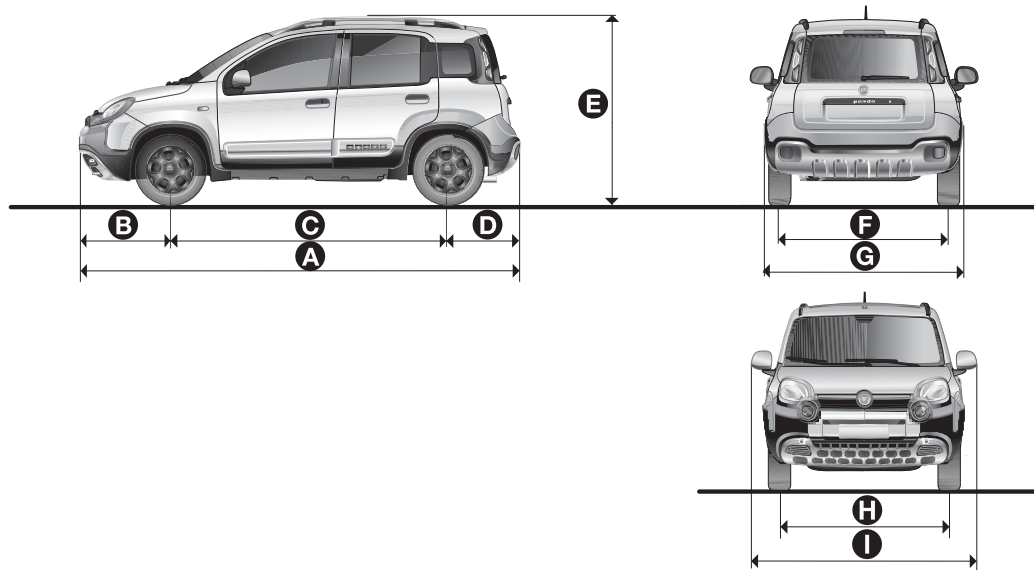
Panda 4x4

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



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F1D0121

A	B	C	D	E	F	G	H	I
3705	772.5	2300	632.5	1656.5	1406	1662	1403	1882

WEIGHTS

Panda/Panda Trekking versions

Weights (kg)	0.9 TwinAir 60 HP/65 HP	0.9 TwinAir Turbo 80 HP/85 HP	0.9 TwinAir Turbo Natural Power
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	955	975 / 980	1080
Payload including the driver: (*)	480 (4-seater) / 500 (5-seater)	480 (4-seater) / 500 (5-seater)	460 (4-seater) / 470 (5-seater)
Maximum permitted loads (**)			
– front axle:	770	855	875
– rear axle:	760	760	810
– total:	1435 (4-seater) / 1455 (5-seater)	1455 (4-seater) / 1460 (4-seater) (°) / 1475 (5-seater) / 1480 (5-seater) (°)	1540 (4-seater) / 1550 (5-seater)
Towable loads			
– braked trailer:	800	800	(°°)
– non-braked trailer:	400	400	(°°)
Maximum load on roof:	55	55	55
Maximum load on ball joint (braked trailer):	60	60	(°°)

(*) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

(**) Loads not to be exceeded. The user is responsible for arranging goods in the luggage compartment and/or load platform within the maximum permitted loads.

(°) Versions equipped with the "Dualogic" gearbox

(°°) **IMPORTANT A trailer cannot be towed so there are no provisions for fitting a tow hook.**



Weights (kg)	1.2 8V 69 HP	1.2 8V 69 HP LPG	1.3 16V MultiJet
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	940	980	1035
Payload including the driver: (*)	480 (4-seater) / 500 (5-seater)	470	480 (4-seater) / 500 (5-seater)
Maximum permitted loads (**)			
– front axle:	770	770	855
– rear axle:	760	760	760
– total:	1420 (4-seater) / 1440 (5-seater)	1450	1515 (4-seater) / 1535 (5-seater)
Towable loads			
– braked trailer:	800	(***)	900
– non-braked trailer:	400	(***)	400
Maximum load on roof:	55	55	55
Maximum load on ball joint (braked trailer):	60	(***)	60

(*) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

(**) Loads not to be exceeded. The user is responsible for arranging goods in the luggage compartment and/or load 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	1.3 16V MultiJet 75 HP	0.9 TwinAir Turbo 90 HP	1.3 16V MultiJet 80 HP
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	1050	1115	1090	1155
Payload including the driver: (*)	480 (4-seater) / 500 (5-seater)	480 (4-seater) / 500 (5-seater)	480 (4-seater) / 495 (5-seater)	440 (4-seater) / 470 (5-seater)
Maximum permitted loads (**)				
– front axle:	875	875	875	875
– rear axle:	810	810	810	810
– total:	1530 (4-seater) / 1550 (5-seater)	1595 (4-seater) / 1615 (5-seater)	1530 (4-seater) / 1585 (5-seater)	1530 (4-seater) / 1585 (5-seater)
Towable loads				
– braked trailer:	800	900	800	800
– non-braked trailer:	400	400	400	400
Maximum load on roof:	55	55	60 (***)	60 (***)
Maximum load on ball joint (braked trailer):	60	60	60	60

(*) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

(**) Loads not to be exceeded. The user is responsible for arranging goods in the luggage compartment and/or load platform within the maximum permitted loads.

(***) Load evenly distributed



Panda VAN versions

Weights (kg)	0.9 TwinAir 65 HP	0.9 TwinAir Turbo 85 HP	0.9 TwinAir Turbo 85 HP 4x4	0.9 TwinAir Turbo Natural Power
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	950 (2-seater) / 960 (4-seater)	980	1035	1075
Payload including the driver: (*)	505 (2-seater) / 490 (4-seater)	490	510	460
Maximum permitted loads (**)				
– front axle:	770	855	875	875
– rear axle:	770 (2-seater) / 780 (4-seater)	780	810	810
– total:	1455 (2-seater) / 1450 (4-seater)	1470	1545	1535
Towable loads				
– braked trailer:	800	800	800	(***)
– non-braked trailer:	400	400	400	(***)
Maximum load on roof:	60	60	55	55
Maximum load on ball joint (braked trailer):	60	60	60	(***)

(*) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

(**) Loads not to be exceeded. The user is responsible for arranging goods in the luggage compartment and/or load platform within the maximum permitted loads.

(***) **IMPORTANT A trailer cannot be towed so there are no provisions for fitting a tow hook.**

Weights (kg)	1.2 8V 69 HP	1.2 8V 69 HP LPG	1.3 16V MultiJet	1.3 16V MultiJet 4x4
Unladen weight (with all fluids, fuel tank 90% full and without optional equipment):	935 (2-seater) / 945 (4-seater)	975	1030 (2-seater) / 1040 (4-seater)	1100
Payload including the driver: (*)	505 (2-seater) / 490 (4-seater)	470	505 (2-seater) / 400 (2-seater) (**) / 490 (4-seater)	495
Maximum permitted loads (***)				
– front axle:	770	770	855	875
– rear axle:	770 (2-seater) / 780 (4-seater)	770	770 (2-seater) / 780 (4-seater)	810
– total:	1440 (2-seater) / 1435 (4-seater)	1445	1535 (2-seater) / 1430 (2-seater) (**) / 1530 (4-seater)	1595
Towable loads				
– braked trailer:	800	(****)	900	900
– non-braked trailer:	400	(****)	400	400
Maximum load on roof:	60	55	60	55
Maximum load on ball joint (braked trailer):	60	(****)	60	60

(*) If special equipment is fitted (sun roof, tow hitch, etc.) the unladen vehicle weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

(**) Versions with reduced capacity

(***) Loads not to be exceeded. The user is responsible for arranging goods in the luggage compartment and/or load platform within the maximum permitted loads.

(****) **IMPORTANT A trailer cannot be towed so there are no provisions for fitting a tow hook.**



SUPPLIES

	0.9 TwinAir 60 HP/65 HP	0.9 TwinAir Turbo	1.2 8V 69 HP	Prescribed fuels and original lubricants
Fuel tank (litres):	37	37 / 35 (*)	37	Unleaded petrol not less than 95 RON (EN 228 specification)
including a reserve of (litres):	5 ÷ 7	5 ÷ 7	5 ÷ 7	
Engine cooling system (litres):	4.8	5.2	4.6	Mixture of 50% distilled water and 50% PARAFLU^{UP} (**)
Engine sump (litres):	2.8	2.8	2.5	SELENIA DIGITEK P.E (0.9 TwinAir and 0.9 TwinAir Turbo versions) / SELENIA K P.E. (1.2 8V 69 HP versions) / SELENIA MULTIPOWER GAS 5W-40 (LPG versions)
Engine sump and filter (litres):	3.2	3.2	2.8	
Gearbox casing/differential:	1.65 (litres)	1.65 (litres) / 1.7 (kg) (***)	1.65 (litres)	TUTELA TRANSMISSION TECHNYX (0.9 TwinAir, 0.9 TwinAir Turbo and 1.2 8V 69 HP versions) / TUTELA TRANSMISSION GEARFORCE (LPG and Natural Power versions)
Rear differential (kg) (***):	-	0.62	-	TUTELA TRANSMISSION CROSS
Dualogic gearbox hydraulic activation system (litres):	-	0.7	-	TUTELA CS SPEED
Hydraulic brake circuit (litres):	0.55	0.55	0.55	TUTELA TOP 4
Windscreen and rear window washer fluid reservoir (litres):	2.7	2.7	2.7	Mixture of water and TUTELA PROFESSIONAL SC35

(*) Trekking versions.

(**) When the vehicle is used in particularly harsh weather conditions, we recommend using a mixture of 60% **PARAFLU^{UP}** and 40% demineralised water.

(***) Panda Cross and Panda 4x4 versions

	1.3 16V MultiJet	1.3 16V MultiJet Cross / 4x4	Prescribed fuels and original lubricants
Fuel tank (litres):	37 / 35 (*)	35	Diesel for motor vehicles (EN 590 Specification)
including a reserve of (litres):	5 ÷ 7	5 ÷ 7	
Engine cooling system (litres):	6.3	6.3	Mixture of demineralised water and 50% PARAFLU ^{UP} (**)
Engine sump (litres):	2.8	2.8	SELENIA WR P.E.
Engine sump and filter (litres):	3.0	3.0	
Gearbox casing/front differential (kg):	1.8	1.70	TUTELA TRANSMISSION GEARFORCE
Drive transmission idler unit (PTU) (kg):	-	0.39	TUTELA TRANSMISSION MULTIAXLE
Rear differential (kg):	-	0.62	TUTELA TRANSMISSION CROSS
Hydraulic brake circuit (litres):	0.55	0.55	TUTELA TOP 4
Windscreen and rear window washer fluid reservoir (litres):	2.7	2.7	Mixture of water and TUTELA PROFESSIONAL SC35





(*) Trekking versions.

(**) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60-40 mixture of PARAFLU^{UP} and demineralised water.



FLUIDS AND LUBRICANTS

Your vehicle is equipped with an engine oil that has been thoroughly developed and tested in order to meet the requirements of the Scheduled Servicing Plan. Constant use of the prescribed lubricants guarantees the fuel consumption and emission specifications. Lubricant quality is crucial for engine operation and duration.

Use	Fluid and lubricant specifications for correct vehicle operation	Original fluids and lubricants	Replacement interval
Lubricants for petrol engines and 1.2 8V 69 HP  67)	SAE 5W-40 ACEA C3 grade totally synthetic lubricant. FIAT Classification 9.55535-S2.	SELENIA K P.E. Contractual Technical Reference No. F603.C07	According to the Scheduled Servicing Plan
Lubricants for petrol engines 0.9 TwinAir and 0.9 TwinAir Turbo  67)	SAE 0W-30 ACEA C2 grade totally synthetic lubricant. FIAT 9.55535-GS1 classification.	SELENIA DIGITEK P.E. Contractual Technical Reference no. F020.B12	According to the Scheduled Servicing Plan
Lubricant for petrol/LPG engines  67)	SAE 5W-40 ACEA C3 grade totally synthetic lubricant. FIAT 9.55535-T2 classification.	SELENIA MULTIPOWER GAS 5W-40 Contractual Technical Reference No. F922.E09	According to the Scheduled Servicing Plan
Diesel engine lubricants  67)	SAE 5W-30 ACEA C2 grade totally synthetic lubricant. FIAT Classification 9.55535-S1.	SELENIA WR P.E. Contractual Technical Reference No. F510.D07	According to the Scheduled Servicing Plan

In the case of emergency, if lubricants with the prescribed specifications are not available, products with the minimum indicated ACEA performance can be used for topping up; in this case optimal performance of the engine is not guaranteed. For 0.9 TwinAir and 0.9 TwinAir Turbo engines, only use lubricants with indicated SAE grade and specifications.



WARNING

67) The use of products with specifications other than those indicated above could cause damage to the engine not covered by the warranty.

Use	Fluid and lubricant specifications for correct vehicle operation	Original fluids and lubricants	Applications
Lubricants and greases for drive transmission	SAE 75W-85 grade synthetic-base lubricant. FIAT Classification 9.55550-MX3.	TUTELA TRANSMISSION TECHNIX Contractual Technical Reference No. F010.B05	Manual gearbox and differential (0.9 TwinAir, 0.9 TwinAir Turbo and 1.2 8V 69 HP versions)
	SAE 75W grade synthetic lubricant. FIAT 9.55550-MZ6 classification.	TUTELA TRANSMISSION GEARFORCE Contractual Technical Reference no. F002.F10	Manual gearbox and differential (1.3 16V MultiJet, LPG and Natural Power versions)
	Fully synthetic oil with dedicated additive. FIAT 9.55550-SA1 classification.	TUTELA CS SPEED Contractual Technical Reference No. F005.F98	Dualogic gearbox hydraulic activation system
	SAE 75W-85 grade synthetic lubricant. FIAT Classification 9.55550 - DA4.	TUTELA TRANSMISSION CROSS Contractual Technical Reference No. F001.D12	Rear differential (*)
	SAE 75W-85 grade synthetic lubricant, which exceeds API GL5 specifications. FIAT 9.55550 classification - DA3.	TUTELA TRANSMISSION MULTIAXLE Contractual Technical Reference No. F426.E06	Drive transmission idler unit (PTU) (*)
	Molybdenum disulphide grease, for use at high temperatures. NL.G.I. 1-2 consistency FIAT 9.55580 classification	TUTELA ALL STAR Contractual Technical Reference No. F702.G07	Wheel side constant velocity joints
	Grease for constant velocity joints with low friction coefficient. NL.G.I. 0-1 consistency FIAT 9.55580 classification	TUTELA STAR 700 Contractual Technical Reference No. 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 FIAT 9.55597 classification	TUTELA TOP 4 Contractual Technical Reference No. F001.A93	Hydraulic brakes and hydraulic clutch controls

(*) Panda Cross and Panda 4x4 versions.



Use	Fluid and lubricant specifications for correct vehicle operation	Original fluids and lubricants	Applications
Protective agent for radiators	Red protective agent with antifreeze action, based on inhibited monoethylene glycol with organic formula. Exceeds CUNA NC 956-16, ASTM D 3306 specifications. FIAT 9.55523 classification	PARAFLU^{UP} (*) Contractual Technical Reference No. F101.M01	Cooling circuit usage percentage: 50% water 50% PARAFLU^{UP} (**)
Diesel fuel additive	Additive for diesel with antifreeze and protective action for diesel engines	TUTELA DIESEL ART Contractual Technical Reference No. F601.L06	To be mixed with diesel (25 cc per 10 litres)
Windscreen/rear window washer fluid	Mixture of spirits and surfactants. Exceeds CUNA NC 956-11 specifications. FIAT 9.55522 classification	TUTELA PROFESSIONAL SC 35 Contractual Technical Reference No. F201.D02	To be used diluted or undiluted in screen washer/wiper systems

(*) IMPORTANT Do not top up or mix with other fluids which have different specifications from those described.

(**) When the vehicle is used in particularly harsh weather conditions, we recommend using a mixture of 60% **PARAFLU^{UP}** and 40% demineralised water.

PERFORMANCE

Top speeds after the initial period of usage of the vehicle.

Versions	km/h
0.9 TwinAir 60 HP (*)	158 in 4th gear
0.9 TwinAir 65 HP	160
0.9 TwinAir Turbo 80 HP (*)	175
0.9 TwinAir Turbo 80 HP Dualogic (*)	175
0.9 TwinAir Turbo 85 HP	177 - 170 in 4th gear (**)
0.9 TwinAir Turbo 85 HP Dualogic (*)	177
0.9 TwinAir Turbo 85 HP 4x4	166
0.9 TwinAir Turbo 90 HP Cross	167
0.9 TwinAir Turbo Natural Power	170 (°) / 168(°°)
1.2 8V 69 HP	164
1.2 8V 69 HP LPG	164
1.3 16V MultiJet 75 HP	168 - 161 (**)
1.3 16V MultiJet 75 HP 4x4	159
1.3 16V MultiJet 80 HP Cross	160

(*) For versions/markets, where provided

(**) For Trekking versions.

(°) Running on petrol

(°°) Running on methane



FUEL CONSUMPTION

The fuel consumption figures given in the tables below are determined on the basis of the type-approval tests laid down by specific European Directives.

IMPORTANT The type of route, traffic conditions, weather conditions, driving style, general condition of the vehicle, trim level/equipment/accessories, use of the climate control system, vehicle 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 get more regular only after having driven the first 3000 km.

FUEL CONSUMPTION ACCORDING TO THE CURRENT EUROPEAN DIRECTIVE (litres/100 km)

NOTE Consumption of methane-fuelled Natural Power versions is intended in m³/100 km.

Versions	Urban	Extra-urban	Combined
0.9 TwinAir 60 HP (*)	4.5	3.4	3.8
0.9 TwinAir 65 HP	5.0 / 4.8 (*)	3.8 / 3.7 (*)	4.2 / 4.1 (*)
0.9 TwinAir Turbo 80 HP (*)	4.4	3.4	3.8
0.9 TwinAir Turbo 80 HP Dualogic (*)	4.4	3.4	3.8
0.9 TwinAir Turbo 85 HP	5.0 / 5.2 (**) / 4.9 (*)	3.8 / 4.2 (**) / 3.8 (*)	4.2 / 4.6 (**) / 4.2 (*)
0.9 TwinAir Turbo 85 HP Dualogic	4.8	3.7	4.1
0.9 TwinAir Turbo 85 HP 4x4	5.9	4.3	4.9
0.9 TwinAir Turbo 90 HP	5.9	4.3	4.9
0.9 TwinAir Turbo Natural Power	5.8 (°) / 6.0 (°°)	3.8 (°) / 4.0 (°°)	4.5 (°) / 4.7 (°°)
1.2 8V 69 HP	6.7 / 6.5 (*) / 5.9 (*)	4.3 / 4.2 (*) / 4.0 (*)	5.2 / 5.0 (*) / 4.7 (*)
1.2 8V 69 HP LPG	6.6 (°) / 6.9 (°°°)	4.3 (°) / 6.3 (°°°)	5.1 (°) / 6.5 (°°°)
1.3 16V MultiJet 75 HP	4.7	3.5 / 3.8 (**)	3.9 / 4.1 (**)
1.3 16V MultiJet 75 HP 4x4	4.9	4.6	4.7
1.3 16V MultiJet 80 HP Cross	4.9	4.6	4.7

(*) For versions/markets, where provided.

(**) For Trekking versions.

(°) Running on petrol

(°°) Running on methane

(°°°) Running on LPG

CO₂ EMISSIONS

The CO₂ emission levels given in the following tables refer to combined consumption.

Versions	CO ₂ EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km)
0.9 TwinAir 60 HP (*)	88
0.9 TwinAir 65 HP	99 / 95 (**)
0.9 TwinAir Turbo 80 HP (*)	88
0.9 TwinAir Turbo 80 HP Dualogic (*)	88
0.9 TwinAir Turbo 85 HP	99 / 105 (**)/ 97 (*)
0.9 TwinAir Turbo 85 HP Dualogic	95
0.9 TwinAir Turbo 85 HP 4x4	114
0.9 TwinAir Turbo 90 HP Cross	114
0.9 TwinAir Turbo Natural Power	106 (°) / 85 (°°)
1.2 8V 69 HP	120 / 117 (*) / 119 (*) / 110 (*)
1.2 8V 69 HP LPG	119 (°) / 106 (°°°)
1.3 16V MultiJet 75 HP	103 / 108 (**)
1.3 16V MultiJet 75 HP 4x4	124
1.3 16V MultiJet 80 HP Cross	124

(*) For versions/markets, where provided.

(**) For Trekking versions.

(°) Running on petrol.

(°°) Running on methane.

(°°°) Running on LPG.



PRESCRIPTIONS FOR HANDLING THE VEHICLE AT THE END OF ITS LIFE

FCA has been committed for many years to safeguarding the environment through the constant improvement of its production processes and manufacturing products that are increasingly "eco-compatible". To grant customers the best possible service in terms of respecting environmental laws and in response to European Directive 2000/53/EC governing vehicles at the end of their life, FCA is offering its customers the chance to hand over their vehicle at the end of its life without incurring any additional costs. The European Directive sets out that when the vehicle is handed over, the last keeper or owner should not incur any expenses as a result of it having a zero or negative market value.

To hand your vehicle over at the end of its life without extra cost, contact one of our dealerships if you are purchasing another vehicle or an FCA-authorized collection and scrapping centre. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of vehicles at their end of life, respecting the surrounding environment.

You can find further information on these collection and scrapping centres either from an FCA dealership or by calling the number in the Warranty Booklet or by consulting the websites of the various FCA brands.

MULTIMEDIA



U1

*This chapter describes the main functions of the radio and **Blue&Me™** that can be fitted on the vehicle.*

RADIO.....	170
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RADIO



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The radio has been designed according to the specifications of the passenger compartment, with a personalised design matching the style of the dashboard perfectly.

TIPS

Road safety

Please, learn how to use all different radio functions (e.g. save stations) before beginning to drive.

Care and maintenance

Clean the cover with a soft antistatic cloth only. Cleaning and polishing products may damage the surface.

ANTI-THEFT PROTECTION

The radio is equipped with an anti-theft protection system based on the exchange of information between the radio and the electronic control unit (Body Computer) on the car. This system guarantees maximum safety and prevents the secret code from being entered each time the radio power supply is disconnected.

If the check has a positive outcome, the radio will start to function, 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 is switched on, if the code is requested, the display will show "Radio code" for about 2 seconds followed by four dashes "- - - -". The code is made up of four numbers from 1 to 6, each corresponding to one of the dashes.

To enter the first digit of the code, press the corresponding button of 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 will show "Enter code - - - -". If this occurs, it is not considered an incorrect code entry. After entering the fourth digit (within 20 seconds), the car radio will start to work.

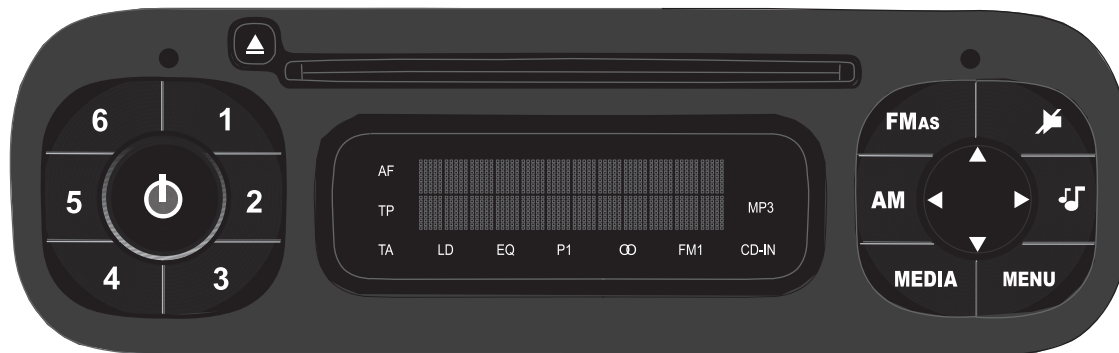
If an incorrect code is entered, the radio will emit a sound and the display shows the text "Radio blocked/wait" to notify the user of the need to enter the correct code.

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, 1 h, 2 h, 4 h, 8 h, 16 h, 24 h) up to a maximum of 24 hours. The waiting time will be shown on the display with the text "Radio blocked/wait". After the text has disappeared it is possible to start the code entering procedure again.

Car radio passport

This document certifies the ownership of the car radio. The car radio passport shows the radio model, serial number and secret code.


IMPORTANT Keep the radio passport in a safe place so that you can give the information to the relevant authorities if the radio 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.





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General functions












Button	Functions	Mode
	Switching on	short button press
	Switching off	short button press
	Volume adjustment	LH/RH knob rotation
FM AS	FM1, FM2, FM Autostore radio source selection	short cyclical button press
AM	MW1, MW2 radio source selection	short cyclical button press

Button	Functions	Mode
MEDIA	CD/Media Player source selection (only with Blue&Me™ / AUX (only with Blue&Me™ , for versions/markets, where provided)	short cyclical button press
	Volume activation/deactivation (Mute/Pause)	Short button press
	Audio adjustments: low tones (BASS), high tones (TREBLE), RH / LH balance (BALANCE), front / rear balance (FADER)	Menu activation: short button press Selection of type of adjustment: pressing ▲ or ▼ buttons Adjustment of values: pressing ◀ or ▶ buttons.
MENU	Advanced functions adjustment	Menu activation: short button press Selection of type of adjustment: pressing ▲ or ▼ buttons Adjustment of values: pressing ◀ or ▶ buttons.





Radio functions

Button	Functions	Mode
   	Radio station search: <input type="checkbox"/> Automatic search <input type="checkbox"/> Manual search	Automatic search: pressing ◀ or ▶ buttons (long press for fast forward) Manual search: pressing ▲ or ▼ buttons (long press for fast forward)
1 2 3 4 5 6	Store current radio station Stored station recall	Long press on keys for preset/memory from 1 to 6 Brief press on keys for preset/memory from 1 to 6

CD functions

Button	Functions	Mode
	CD ejection	Short button press
	Play previous/next track	Short  or  button press
		
	Fast forwarding/rewinding CD track	Long  or  button press
	Playing previous/next folder (for CD-MP3)	Short  or  button press

Media Player functions (only with Blue&Me™)

Button	Functions	Mode
 	Select previous/next folder/artist/genre/album depending on the active selection mode	Short button press
 	Play previous/next track	Short button press



INTRODUCTION

The radio offers the following functions:

Radio section

- PLL tuning with FM/AM/MW 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;
- provision for emergency alarm;
- automatic/manual tuning into stations;
- FM Multipath detector;
- manual storing of 30 stations: 18 on FM band (6 on FM1, 6 on FM2, 6 on FMT), 12 on MW band (6 on MW1, 6 on MW2);
- automatic programming (Autostore function) of 6 stations on dedicated FM band;
- SPEED VOLUME function: automatic volume adjustment according to the car speed;
- automatic Stereo/Mono selection.

CD section

- Direct selection of the disc;
- Track selection (forward/back);
- Fast advance (forward/back) through tracks;
- CD Display function: display of disc name and time elapsed since the start of the track;
- Playing of audio CD, CD-R and CD-RW.

MP3 CD section

- MP3-Info function (ID3-TAG);
- Folder selection (previous/next);
- Track selection (forward/back);
- Fast advance (forward/back) through tracks;
- MP3 Display function: display of name of folder, ID3-TAG information, time elapsed since the start of the track, name of the file);
- Playing of audio or data CD, CD-R and CD-RW.

Audio section

- Mute/Pause function;
- Soft-Mute function;
- Loudness function;
- 7-band graphic equaliser;
- Separate bass/treble adjustment;
- Right/left channel balance.

Media Player section (only with Blue&Me™)

For the Media Player functions see, the Blue&Me™ supplement.

AUX section (only with Blue&Me™) (for versions/markets, where provided)

- AUX source selection;
- AUX Offset function: alignment of the portable device volume with that of the other sources;
- Portable player playback.



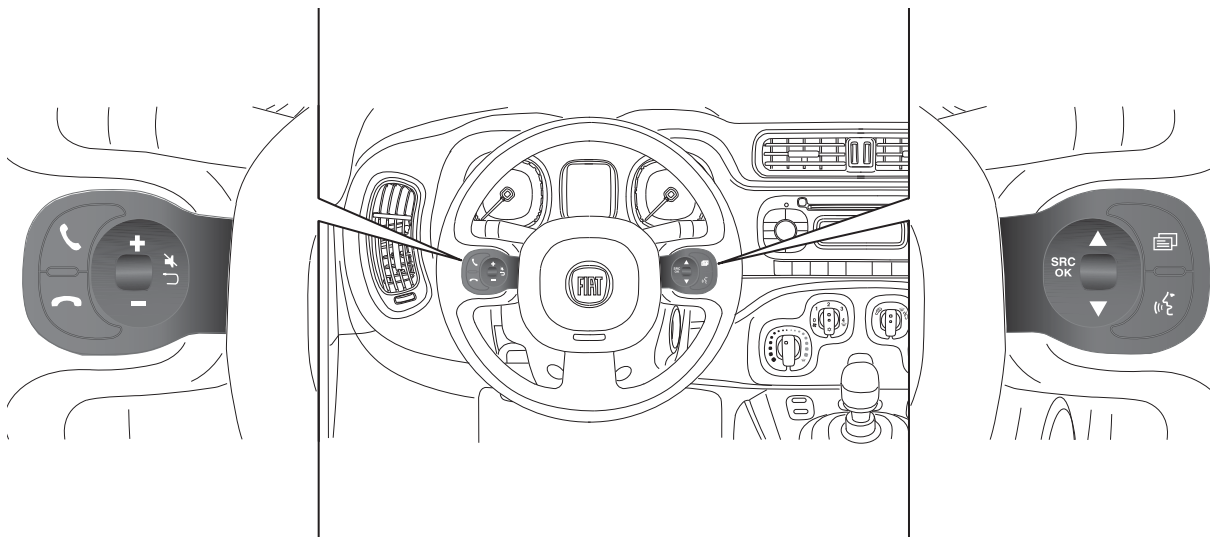
WARNING

186) High volume can be a risk for the driver and for other road users. Always adjust the volume so that you can still hear background noises.

187) Multimedia CDs include data tracks in addition to the audio tracks. Playing this type of CD can cause hissing at a volume that may jeopardise road safety as well as cause damage to the final stages and the speakers.

⚠ 188) 189) 190) 191) 192) 193) 194)








Fiat **Blue&Me™** based on **Microsoft Auto™** features hands-free, SMS message reader and Media Player functions. The **Blue&Me™** system is completely integrated with voice commands, buttons on the steering wheel and multifunction display to facilitate operation without distracting the driver from the road or requiring them to take their hands off the steering wheel.



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Button	Short press (less than 1 second)	Long press (more than 1 second)
	<ul style="list-style-type: none"> <input type="checkbox"/> Acceptance of incoming call <input type="checkbox"/> Display of last calls made <input type="checkbox"/> Passing from one telephone conversation to another in second call mode (call notification) <input type="checkbox"/> Call selected or composed contact/number 	-
	<ul style="list-style-type: none"> <input type="checkbox"/> Activation of Blue&Me™ main menu 	-
	<ul style="list-style-type: none"> <input type="checkbox"/> Rejection of incoming call <input type="checkbox"/> Ending of call in progress 	-
	<ul style="list-style-type: none"> <input type="checkbox"/> Activation of voice recognition <input type="checkbox"/> Interruption of the voice message in order to give a new voice command 	<ul style="list-style-type: none"> <input type="checkbox"/> Repetition of the last voice message given by the system
	<p>Pressing the centre of the left wheel:</p> <ul style="list-style-type: none"> <input type="checkbox"/> deactivation of voice recognition <input type="checkbox"/> interruption of voice message <input type="checkbox"/> interruption of SMS message reading <input type="checkbox"/> exit from Blue&Me™ Main Menu <input type="checkbox"/> exit from a submenu and return to previous menu option <input type="checkbox"/> exit from the current selection without saving <input type="checkbox"/> deactivate/reactivate the microphone during a phone conversation <input type="checkbox"/> resetting of call tone volume for incoming call <input type="checkbox"/> Media Player Pause on/off 	-
	<p>Turning left wheel upwards or downwards:</p> <ul style="list-style-type: none"> <input type="checkbox"/> adjust the audio volume for Blue&Me™ system functions: hands-free, SMS message reader, Media player, voice announcements 	-
	<p>Turning right wheel upwards or downwards:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Scrolling through the Blue&Me™ menu <input type="checkbox"/> Media Player track selection <input type="checkbox"/> Scrolling through SMS messages in the list 	-

Button	Short press (less than 1 second)	Long press (more than 1 second)
SRC/OK	Pressing the centre of the right wheel:	
	<input type="checkbox"/> Selected menu option confirmation during manual interaction	
	<input type="checkbox"/> Transfer of phone conversation in progress from hands-free system to mobile phone and vice versa	-
	<input type="checkbox"/> Select audio sources (Radio, CD, Media Player, AUX)	
<input type="checkbox"/> Selection of SMS message displayed		
▲ ▼ (*)	<input type="checkbox"/> Selection of previous/next folder/artist/genre/album depending on the mode selected	-
◀ ▶ (*)	<input type="checkbox"/> Play previous/next track (Media Player mode)	-

(*)Radio buttons (for versions/markets, where provided)

For both operating modes for the controls on the steering wheel (short or long press), the function is activated when the button is released.



HANDS-FREE FUNCTION QUICK GUIDE

To start using the hands-free function with voice recognition and **Bluetooth®** technology provided by **Blue&Me™**:

- Make sure that the ignition key is turned to **MAR**
- Practise the voice commands
- Register your mobile phone
- Make a call.

Preparing your mobile phone phonebook

Before pairing your mobile phone with **Blue&Me™**, you must make sure you have stored the names you want to contact in the phonebook on your mobile phone so that you can call them using the car's hands-free system. If your phonebook does not contain any names, enter new names for the most frequently used numbers. For further details, consult your mobile phone manual.


IMPORTANT

- Access to the phonebook copied to **Blue&Me™** is possible only when the mobile phone from which it was copied is connected.
- Entries stored in the SIM card or mobile phone memory can be transferred to **Blue&Me™** with different procedures, depending on your mobile phone model.


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 stage of interaction.

To practise the "**Help**" command proceed as follows:

- Press the  control on the steering wheel.
- After **Blue&Me™** has given an acoustic signal to indicate that voice recognition is active, say "**Help**". **Blue&Me™** will give the list of voice commands available.
- At the end of the help message, say "**Settings**" and, at the end of the message, "**Help**". **Blue&Me™** will give the list of voice commands available for the Settings menu.

You can now give one of the available commands and proceed with the dialogue as you wish.

If you need further help press  and say "**Help**".



Pairing your mobile phone

IMPORTANT This operation should be carried out only with the vehicle stationary.

To pair your mobile phone, proceed as follows:

- Press  and say "**Settings**" and then, at the end of the message from **Blue&Me™**, say "**User pairing**".
- The system will show a code number (PIN) on the instrument panel display, which is used for the pairing procedure. For the two subsequent stages, consult your mobile phone manual.
- Look for devices with Bluetooth® technology on your mobile phone (the setting on your mobile phone could be called Search or New Device). Find "**Blue&Me**" in this list (the name that identifies the **Blue&Me™** system in your vehicle) and select it.

❑ When prompted, enter the PIN code displayed on the instrument panel using your mobile phone keypad. If pairing is successful, the system will say "Connecting" and at the end the display will show, as confirmation, details of the mobile phone paired.

It is important to wait for this confirmation message; if you press the right  /  wheel before it appears, you risk cancelling the pairing process. If the registration fails, an error message will appear; in this case, you will need to repeat the procedure.

❑ After pairing your mobile phone, the first time you connect, **Blue&Me™** will say "**Welcome**". This message will no longer be heard at subsequent pairing or connecting procedures.

❑ **Blue&Me™** asks you if you want to copy the phonebook of the mobile phone just paired onto the **Blue&Me™** system. You are advised to copy it. To proceed with copying, say "**Yes**"; if you do not want to copy the phonebook, say "**No**".

❑ On some mobile phones, the names in the phonebook are not copied automatically, but have to be transferred by using the mobile phone keypad. If **Blue&Me™** asks you, carry out this procedure by following the specific instructions on your mobile phone and press the right **SRC/OK** wheel when you have finished.

Making a phone call

Imagine that "John" is one of the names saved in your phonebook. To call John, proceed as follows:




❑ Press the  control on the steering wheel and say "**Call John**".

❑ If the system recognises the name John, the relevant information will be shown on the display.

If your phonebook has only one number stored for John, the system will ask you directly if you want to call him. To make the call, say "**Yes**"; otherwise, say "**No**".

If, on the other hand, there are several phone numbers for John, the system will ask which one you wish to call (for example, "**Call John work or home?**"). Respond by indicating which number you want to call (for example, "**Home**").

If John has several phone numbers but the type of phone number is missing, the system will display the selected contact and a list of related phone numbers. The hands-free system will ask if you would like to call the phone number displayed. If the number displayed is the one you wish to call, say "**Yes**"; otherwise, say "**No**". If the person to contact is the correct one, but the number is wrong, say "**Forward**" or "**Back**" to see the other phone numbers for this person.

To call the number displayed, say "**Call**". You can also navigate through this list manually by turning the right  /  wheel until you find the desired number. At this point, press  to make the call.

❑ To end the call, press .



SMS MESSAGE READER QUICK GUIDE

(only for phones which support this function)

If your **Bluetooth®** phone supports this function, when a new SMS message is received **Blue&Me™** will notify you through an acoustic signal and ask you if you want to read it.

❑ Say "**Yes**" or press the right **SRC/OK** wheel, and the system will read the last message received.



Say "No" or press the right  /  wheel and the system will store the message so you can read it another time.

MEDIA PLAYER QUICK GUIDE

Proceed as follows to start playing the digital audio stored on your USB device:

- Copy the tracks to your USB device.
- For USB devices without a USB cable, simply connect the device to the USB port in the vehicle (directly or with the help of an extension).
- For USB devices with a cable, connect one end to your USB device and the other to the USB port in the vehicle.
- Turn the vehicle's ignition key to **MAR**. **Blue&Me**™ will automatically start to play your digital tracks, selecting them from a library that is created when you connect the USB device.
- The time required by **Blue&Me**™ to recognise your USB device and start playback may depend on the type of device, its capacity and its contents.

After **Blue&Me**™ has created a library of your digital audio files, you can select and listen to tracks, albums, artists and playlists, using manual or vocal interaction with **Blue&Me**™. Creating the library may require a few minutes if your USB device contains many files.

You can also decide whether to play audio files automatically when the USB/iPod device is connected or to play them only on your command.

LIST OF AVAILABLE VOICE COMMANDS

The main **Blue&Me**™ available voice commands are listed below.

Voice commands always available

- Help
- Cancel
- Repeat

Hands free voice commands

- Call number
- Call [Name]"/
- Phone
- Last call received
- Last call made
- Last call

SMS reader voice commands

- Read last
- Message reader

Media player voice commands

- Media player
- Play
- Stop
- Next
- Previous
- Shuffle on
- Shuffle off
- Loop on
- Loop off
- Automatic play on
- Automatic play off
- Now playing (track data)

Voice commands for the settings functions

- Settings
- Multimedia file settings
- Exit



WARNING

188) *Using some of the system functions whilst driving can distract attention away from the road, risking an accident or other serious consequences; they should therefore be used only when driving conditions allow it and, if necessary, only with the vehicle stationary.*

189) IMPORTANT: 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. This is important since while setting up or changing some functions your attention may be distracted from the road and you may have to remove your hands from the wheel.

190) Voice commands: the system functions can be carried out using only voice commands. The use of voice control commands when driving allows the system to be managed without taking your hands off the steering wheel.

191) 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.

192) 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 without being able to hear these sounds can cause accidents.

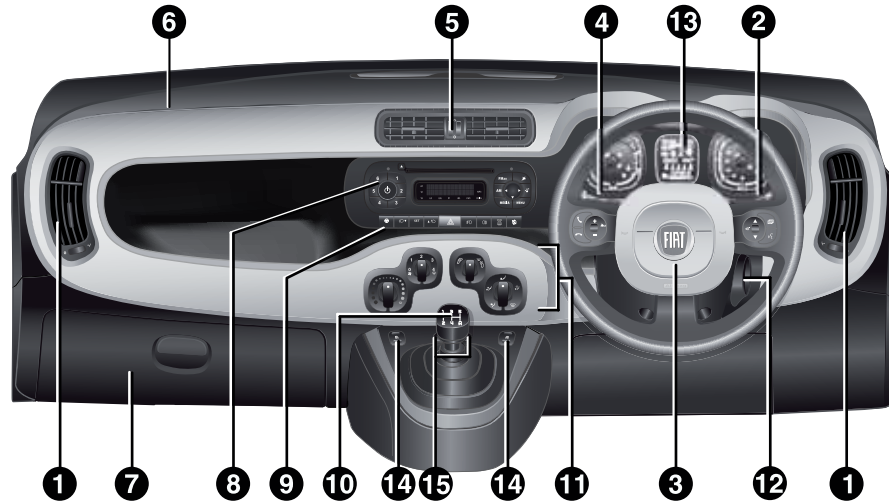
193) Using the voice recognition: the voice recognition software is based on a statistical process that is subject to error. It is your responsibility to monitor the system's voice recognition functions and to correct any errors.

194) Danger of distraction: the functions may require manual settings (not using voice commands). Performing these settings or entering data when driving can distract you significantly, causing accidents or having other serious consequences. Stop the vehicle in a safe and legal manner before attempting these operations.



DASHBOARD (RIGHT-HAND DRIVE VERSION)

The presence and position of the controls, instruments and indicators may vary according to the different versions.



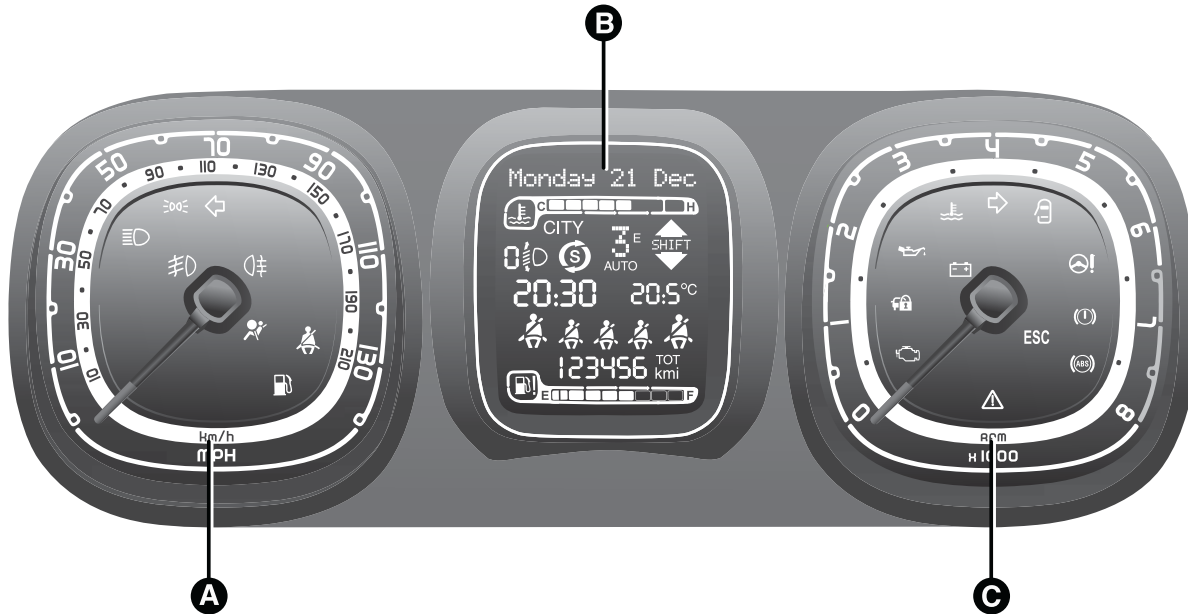
I

F0W0476

1. Adjustable and directable air diffusers
2. Exterior light control lever
3. Driver front airbag
4. Windscreen wiper/rear window wiper/trip computer control lever
5. Adjustable and directable centre air diffusers
6. Passenger front airbag
7. Glove compartment (for versions/markets, where provided)
8. Car 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)

CONTROL PANEL AND INSTRUMENTS

The instrument background colour and type may vary according to the version.



2 -

A. Speedometer (speed indicator) – B. Multifunction display – C. Rev counter

FOW0297

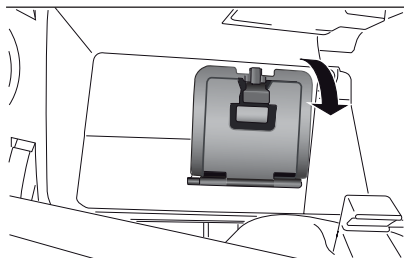
RIGHT HAND DRIVE VERSIONS

REPLACING FUSES

FUSE LOCATION

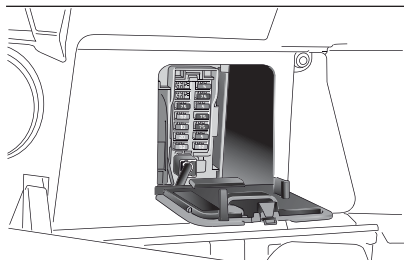
Dashboard fuse box

To access the fuses, remove the plastic cover fig. 3. The fuses are located in the fuse box shown in fig. 4.



3

F0W0294



4

F0W0295

PARKING

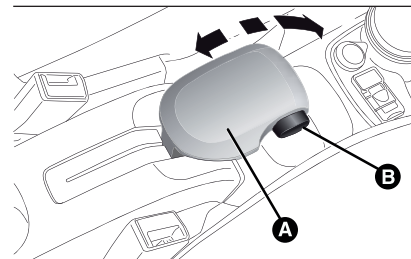
Switch off the engine and engage the handbrake. Engage a gear (1st gear if parked uphill or reverse if facing downhill) and leave the wheels turned. If the car is parked on a steep slope block the wheels with a wedge or stone. Always remove the ignition key when leaving the car.

HANDBRAKE

To engage the handbrake pull lever A fig.5 upwards until the car is secured. To release the handbrake, raise lever A slightly, hold down button B and lower the lever.

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

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



5

F0W0296

IMPORTANT INFORMATION AND RECOMMENDATIONS



WARNING

INTERIOR FITTINGS

- Never travel with the glove compartment open: it could injure the passenger in the event of a crash.
- The cigar lighter gets very hot. Handle it carefully and make sure that children do not touch it: risk of fire and/or burns. Always check that the cigar lighter plug has been released.

ROOF RACK/SKI RACK

- After travelling for a short distance, check that the fixing screws for the attachments are correctly tightened.
- Never exceed the maximum permitted loads (see chapter "Technical specifications").
- Evenly distribute the load and take into account, when driving, the increased responsiveness of the vehicle to side wind.

WIRING FOR RADIO SYSTEM

- If you wish to have a sound system installed after purchasing the vehicle, first contact a Fiat Dealership whose qualified personnel will give you advice about a sound system that does not damage the battery charge. Excessive non-running consumption damages the battery and may cause your battery warranty to be terminated.

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.

INTERIORS

- Never use flammable products, such as petrol ether or rectified petrol to clean the inside of the vehicle. 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.



WARNING

ROOF RACK/SKI RACK

- Fully comply with the regulations in force concerning maximum clearance.

WIRING FOR RADIO 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 aesthetic appearance of the paint abrasive products and/or polishes should not be used for cleaning the vehicle.
- Avoid washing with rollers and/or brushes in washing stations. Wash the vehicle 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 vehicle. Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive. Avoid (if at all possible) parking the vehicle under trees; remove vegetable resins immediately as, when dried, it may only be possible to remove them with abrasive products and/or polishes, which is highly inadvisable as they could alter the typical opaqueness of the paint. Do not use pure screen washer fluid for cleaning the windscreen and rear window; dilute it min. 50% with water. Only use pure screen washer fluid when strictly necessary due to outside temperature conditions.

INTERIORS

- Never use alcohol, petrols and derivatives to clean the dashboard and instrument panel lens.



WARNING

BODYWORK

- Detergents pollute the environment. Only wash your vehicle in areas equipped to collect and treat wastewater from this type of activity.

PETRONAS
SELENIA
MOTOR OIL

In the heart of your engine.



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*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:

SELENIA K PURE ENERGY

Fully synthetic lubricant designed for latest generation, low emission, petrol engines. Its specific formulation warrants the utmost protection also for high performance turbocharged engines with high thermal stress. Its low ash content helps to maintain the total cleanliness of modern catalysts.

SELENIA WR PURE ENERGY

Fully synthetic lubricant that can meet the requirements of the latest diesel engines. Low ash content to protect the particulate filter from the residual products of combustion. High Fuel Economy System that allows considerable fuel saving. It reduces the danger of dirtying the turbine to ensure the protection of increasingly high performance diesel engines.

SELENIA MULTIPower GAS PURE ENERGY

Fully-synthetic lubricant designed for petrol engines also turbocharged, powered with methane or LPG. Its exclusive formulation improves valve protection against wear, neutralises the acid compounds formed by combustion and keeps engine performance levels unchanged.

SELENIA K POWER

Fully synthetic lubricant developed for American design petrol engines, specially formulated to allow an excellent resistance to oxidation and high level fuel economy. Excellent protection at high temperatures.

SELENIA DIGITEK PURE ENERGY

Fully synthetic lubricant for petrol engines. High fuel economy characteristics. Specific formulation for the TwinAir two-cylinder engines, Selenia Digitech Pure Energy allows maximum protection of the engine even under high mechanical stress caused by severe stop and go conditions of city traffic.

The range also includes Selenia K, Selenia 20K, Selenia Turbo Diesel, Selenia Sport, Selenia Sport Power, Selenia Racing.

For further information on Petronas Selenia products visit the web site www.pli-petronas.eu

**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.

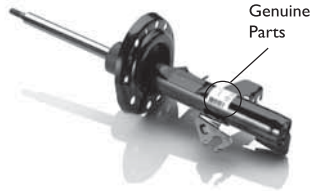
All **Genuine Parts** undergo **strict controls**, both during design and manufacturing stages, by specialists using **vanguard materials**, to **test the component reliability**.

This to guarantee **performance** and **safety** for you and your passengers on board, for a long time.

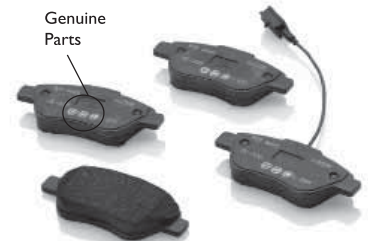
Always ask for and make sure a **Genuine Part** has been used.



Pollen filter



Shock absorber



Brake pads


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 **S A F E T Y** 

 The bonnet, the bumper and the headlamps of this vehicle have been developed as integral part of the passive safety systems of your car to ensure an optimum protection to pedestrians and to all passengers. For this, in case of replacement, be sure to choose genuine parts of the bodywork which are specifically developed for your car.

The data contained in this publication is intended merely as a guide. FIAT reserves the right to modify the models and versions described in this booklet at any time for technical and commercial reasons.

If you have any further questions please consult your FIAT dealer.

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