

F I A T F I O R I N O / Q U B O



N O T I C E D ' E N T R E T I E N



## **Dear Customer,**

We would like to congratulate and thank you for choosing a Fiat Fiorino/Qubo.

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

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

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

This document also provides a description of special features and tips, as well as essential information for the safe driving, care and servicing of your Fiat Fiorino/Qubo 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, the detail of the terms and conditions for maintaining its validity and the range of additional services available to Fiat Customers.

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

Enjoy reading. Happy motoring!

## **IMPORTANT**

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

# READ THIS CAREFULLY!

## REFUELLING



**Petrol engines:** only refuel with unleaded petrol with an octane rating (RON) of no less than 95 conforming to the European specification EN228.


**Diesel engines:** only use diesel fuel for 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.

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

## STARTING THE ENGINE



**Petrol or petrol/methane engines:** make sure that the handbrake is engaged; set the gear lever to neutral; fully depress the clutch pedal without pressing the accelerator; turn the ignition key to AVV and release it as soon as the engine has started.

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

## PARKING ON FLAMMABLE MATERIAL



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

## RESPECTING THE ENVIRONMENT



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

## ELECTRICAL ACCESSORIES



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




## SCHEDULED SERVICING



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

## THE OWNER HANDBOOK CONTAINS...



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

# USE OF THE OWNER HANDBOOK

## OPERATING INSTRUCTIONS

Each time direction instructions (left/right or forwards/backwards) about the vehicle are given, these must be intended as regarding an occupant in the driver's seat. 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 cars with steering wheel on the left side; it is therefore possible that on cars 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.

## IMPORTANT NOTES AND PRECAUTIONS

While reading this Owner Handbook you will find a series of **IMPORTANT NOTES** 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.

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



personal safety;



vehicle integrity;



environmental protection.

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

## **SYMBOLS**

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

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

# VEHICLE MODIFICATIONS / ALTERATIONS

## WARNING

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

## ACCESSORIES PURCHASED BY THE OWNER

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

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

## INSTALLING ELECTRICAL/ELECTRONIC DEVICES

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



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

WARNING Traffic authorities may not allow the vehicle on the road if devices are fitted that involve modifications to the features of the vehicle. This may also cause lapse of the warranty in relation to faults caused by the change or either directly or indirectly related to it. FCA Italy S.p.A. shall not be liable for damage caused by the installation of accessories either not supplied or recommended by FCA Italy S.p.A. and/or not installed in compliance with the provided instructions.

## RADIO TRANSMITTERS AND MOBILE PHONES

Transceiver apparatus (e.g. mobile phones, CB radios etc.) should not be used inside the vehicle unless a separate antenna is mounted on the roof.

Transmission and reception of these devices may be affected by the shielding effect of the vehicle body.

As far as the use of EC-approved mobile phones is concerned (GSM, GPRS, UMTS), follow the usage instructions provided by the mobile phone manufacturer.

**WARNING** The use of such devices inside the passenger compartment (without an external antenna) may, in addition to potential damage to the health of the passengers, cause malfunctions in the vehicle electronic systems, compromising the safety of the vehicle.



**GRAPHICAL INDEX**



**KNOWING YOUR VEHICLE**



**KNOWING THE INSTRUMENT PANEL**



**SAFETY**



**STARTING AND DRIVING**



**IN CASE OF EMERGENCY**



**SERVICING AND MAINTENANCE**



**TECHNICAL SPECIFICATIONS**



**MULTIMEDIA**



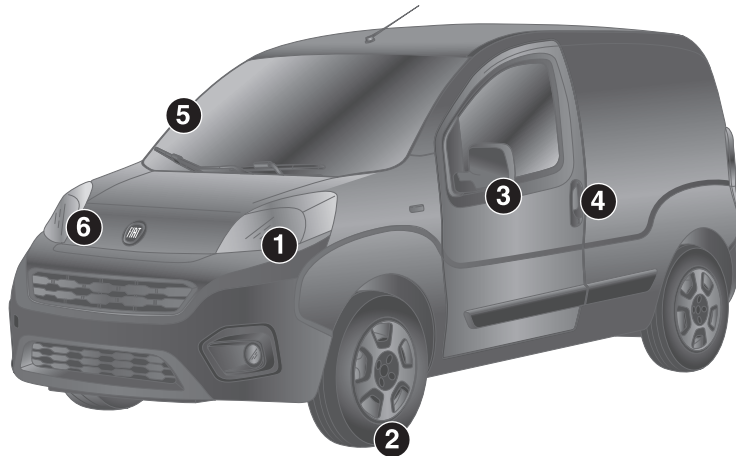
**CONTENTS**





# GRAPHICAL INDEX

## FRONT VIEW - FIORINO



<b>1 HEADLIGHTS</b>	
□ Bulb types . . . . .	153
□ Side/tail lights . . . . .	30
□ Dipped beam headlights . . . . .	30
□ Main beam headlights . . . . .	30
□ Bulb replacement . . . . .	155
<b>2 WHEELS</b>	
□ Rims and wheels . . . . .	210
□ Tyre pressure . . . . .	210

□ Changing a wheel . . . . .	145
□ Fix&Go tyre repair kit . . . . .	149
<b>3 DOOR MIRRORS</b>	
□ Adjustment . . . . .	29
□ Folding . . . . .	29
<b>4 DOORS</b>	
□ Central opening/closing . . . . .	22

<b>5 WINDSCREEN WIPER</b>	
□ Operation . . . . .	34
□ Blade replacement . . . . .	187
<b>6 ENGINE</b>	
□ Checking levels . . . . .	179
□ Technical specifications . . . . .	200



F0T0937

# FRONT VIEW - QUBO



2

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## 1 HEADLIGHTS

- Bulb types . . . . . 153
- Side/tail lights . . . . . 30
- Dipped beam headlights . . . . . 30
- Main beam headlights . . . . . 30
- Bulb replacement . . . . . 155

## 2 WHEELS

- Rims and wheels . . . . . 210
- Tyre pressure . . . . . 210
- Changing a wheel . . . . . 145
- Fix&Go tyre repair kit . . . . . 149

## 3 DOOR MIRRORS

- Adjustment . . . . . 29

- Folding . . . . . 29

## 4 DOORS

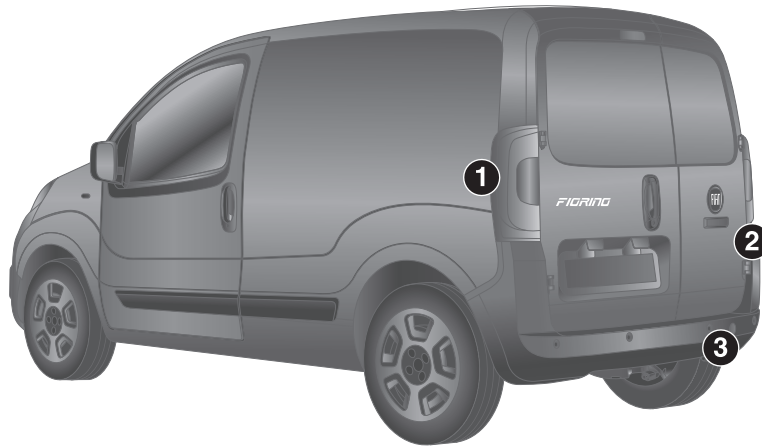
- Central opening/closing . . . . . 22

## 5 WINDSCREEN WIPER

- Operation . . . . . 34
- Blade replacement . . . . . 187

## 6 ENGINE

- Checking levels . . . . . 179
- Technical specifications . . . . . 200



3

<b>1</b>	<b>REAR LIGHTS</b>	
<input type="checkbox"/>	Bulb types . . . . .	153
<input type="checkbox"/>	Bulb replacement . . . . .	155
<b>2</b>	<b>LOAD COMPARTMENT</b>	
<input type="checkbox"/>	Opening/closing . . . . .	22
<b>3</b>	<b>PARKING SENSORS</b>	
<input type="checkbox"/>	Operation . . . . .	134

F0T0938



**REAR VIEW - QUBO**

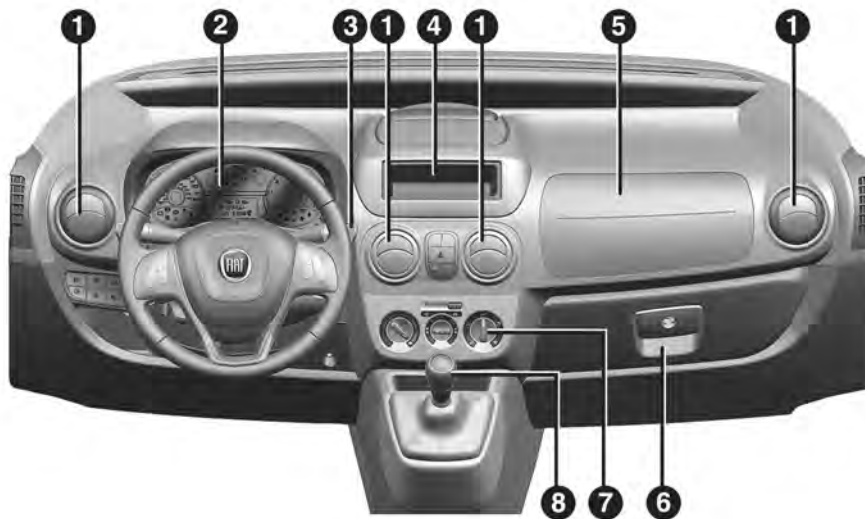


4

F0T0942

<b>① REAR LIGHTS</b>	
□ Bulb types . . . . .	153
□ Bulb replacement . . . . .	155
<b>② LOAD COMPARTMENT</b>	
□ Opening/closing . . . . .	22
<b>③ PARKING SENSORS</b>	
□ Operation . . . . .	134

# DASHBOARD



5

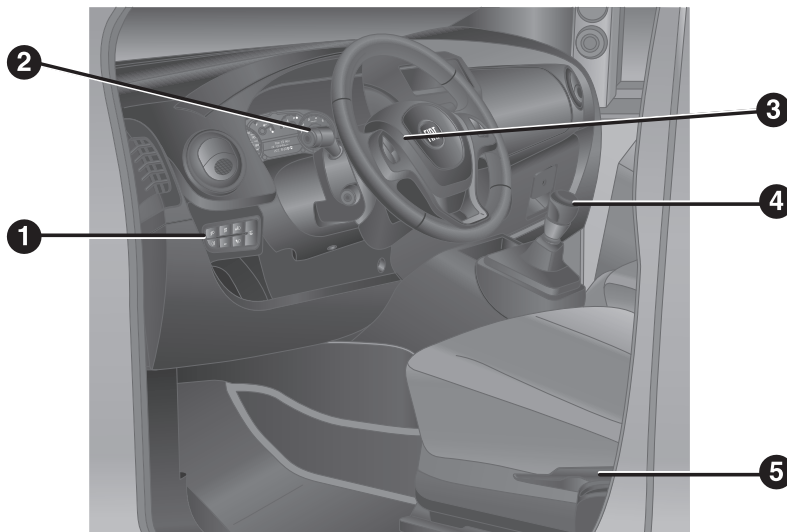
<b>1</b> AIR VENTS	
<input type="checkbox"/> Vents . . . . .	37
<b>2</b> INSTRUMENT PANEL	
<input type="checkbox"/> Instrument panel features . . . . .	64
<input type="checkbox"/> Warning lights . . . . .	81
<b>3</b> RIGHT STALK	
<input type="checkbox"/> Window washing . . . . .	34
<b>4</b> MULTIMEDIA	
<input type="checkbox"/> Radio . . . . .	229
<b>5</b> PASSENGER'S FRONT AIRBAG	
<input type="checkbox"/> Front airbag . . . . .	122

<b>6</b> STORAGE COMPARTMENT / GLOVE BOX	
<input type="checkbox"/> Interior fittings . . . . .	52
<b>7</b> HEATER / CLIMATE CONTROL SYSTEM	
<input type="checkbox"/> Heating and ventilation . . . . .	37
<input type="checkbox"/> Manual climate control system . . . . .	39
<b>8</b> GEAR LEVER	
<input type="checkbox"/> Manual transmission operation . . . . .	132

F0T0939



**VEHICLE INTERIOR**



6

F0T0940

**1 CONTROL TRIM**

- Fog lights . . . . . 30
- Rear fog lights . . . . . 30
- Headlight adj. . . . . 30
- Control buttons (versions with digital display) . . . . . 69
- Control buttons (versions with multifunction display) . . . . . 72

**2 LEFT STALK**

- Exterior lights . . . . . 30

**3 STEERING WHEEL**

- Adjustment . . . . . 28

- Front airbag driver's side . . . . 122

**4 GEAR LEVER**

- Manual transmission operation . . . . . 132

**5 SEATS**

- Adjustments . . . . . 26
- Driver seat adjustments . . . . . 26
- Passenger seat adjustments . . . 26
- Rear seat access . . . . . 26

# KNOWING YOUR VEHICLE

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

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

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

THE KEYS.....	18
IGNITION DEVICE .....	20
THE FIAT CODE SYSTEM .....	20
ALARM SYSTEM.....	21
DOORS .....	22
SEATS.....	26
HEAD RESTRAINTS .....	27
STEERING WHEEL.....	28
REAR-VIEW MIRRORS .....	29
EXTERNAL LIGHTS .....	30
INTERIOR LIGHTS.....	32
WINDOW WASHING .....	34
HEATING AND VENTILATION SYSTEM .....	36
HEATING AND VENTILATION .....	37
MANUAL CLIMATE CONTROL SYSTEM .....	39
ELECTRIC WINDOWS .....	41
BONNET .....	42
PARTITIONS.....	43
BOOT .....	45
INTERIOR FITTINGS .....	52
ROOF RACK/SKI RACK .....	54
VERSION WITH METHANE SYSTEM (Natural Power).....	55
PROTECTING THE ENVIRONMENT .....	61



## THE KEYS

### KEY WITH REMOTE CONTROL

(for versions/markets, where provided)

The metal insert (A) fig. 7 is retractable and operates:

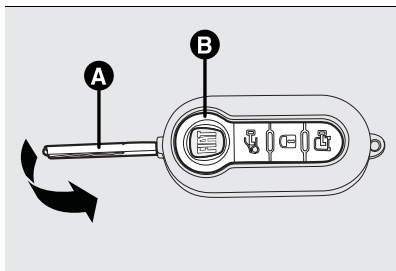
- the ignition device;
- the door lock;
- opening/closing the fuel cap.

To extract the metal insert, press the button (B) fig. 7.

To retract it in the grip, proceed as follows:

- hold down button (B) and turn the metal insert (A);
- release button (B) and turn the metal insert (A) completely until the locking click is heard to ensure correct closure.

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Button  unlocks all the doors (including the tailgate, the rear swing

doors and the sliding side doors for versions/markets where provided).


Button  locks all the doors.

Button  unlocks the boot, the rear swing doors and the sliding side doors (depending on the version).

When unlocking the doors, the ceiling light will come on for a preset time.


### Opening the windows with the remote control

(for versions/markets, where provided)

Hold the button (on the key)  pressed for more than 3 seconds to open the windows. Keep the button pressed to open the windows completely; if the pressure is suspended, the windows will immediately stop in their current position. The same type of opening is also possible by operating the pawl of the front door handles.

### Closing the windows with the remote control

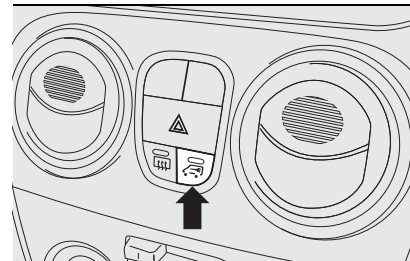
(for versions/markets, where provided)

Hold the button (on the key)  pressed for more than 3 seconds to close the windows. To close the windows completely, keep the button pressed; if the pressure is suspended, the windows will immediately stop in their current position. The same type of closing is also possible by operating the pawl of the front door handles.

**WARNING** During this operation the window ant-crush safety system is inhibited.

### Unlocking/locking the load compartment from inside the vehicle (Fiorino Cargo version)

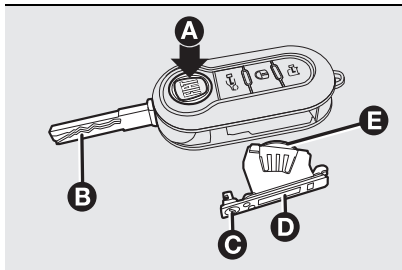
Press the button fig. 8 (Fiorino Cargo version) to unlock the load compartment (rear swing doors/boot and sliding side doors) from the inside. Press again to lock all doors of the vehicle.



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## Changing battery - key with remote control



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To replace the battery, proceed as follows fig. 9:

- press button (A) and open the metal insert (B);
- turn screw (C) to  using a fine bit screwdriver;
- take out the battery case (D) and replace the battery (E) making sure that polarities are correct;
- refit the battery holder (D) inside the key and lock it turning the screw to (C) to .

 2)

 1)

## REQUEST FOR ADDITIONAL REMOTE CONTROLS

The system can recognise up to 8 keys with incorporated remote control. Should a new remote control be

necessary, contact a Fiat Dealership, taking a personal identity document and the vehicle ownership documents with you.

## DEAD LOCK DEVICE


(for versions/markets, where provided)

This security device prevents the opening of the doors from inside the passenger compartment if there has been a break-in attempt (e.g. a window has been broken).

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

 3) 4)

## Activating the device

The system is automatically enabled on all the doors by pressing button  twice on the key with remote control.

The direction indicators flash twice to let you know that the device is active. If one or more of the doors is not perfectly shut, the dead lock device will not be activated, thus preventing a person getting into the car through the open door and, on shutting, it, remaining stuck inside the passenger compartment.

## Deactivating the device

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

- by unlocking the doors;
- by turning the ignition key to the MAR position.



## WARNING

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

**2)** Do not swallow the battery. Danger of chemical burns. The keys contain a small battery. If the battery is swallowed, it can cause severe internal burns in just 2 hours and cause death. Keep new and used batteries out of the reach of children. If the battery compartment does not close securely, discontinue use of the product and keep it out of reach of children. If you believe that batteries may have been swallowed or inserted inside the body, seek medical attention immediately. The emergency key (where provided) must be immediately inserted into the electronic key to prevent easy access to the battery.

**3)** Once the safe lock system is engaged it is impossible to open the doors from inside the vehicle. Before engaging the system please therefore check that there is no one left on board.



**4)** If the remote control battery is flat, the system can be engaged by inserting the metal key in the door lock as described previously: in this case, the device only remains active for the rear doors.



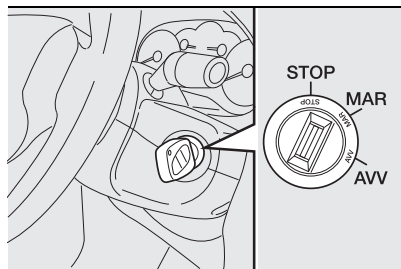
### IMPORTANT

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

## IGNITION DEVICE

The key can be turned to 3 different positions fig. 10:

- STOP: engine off, key can be removed, steering column locked. Some electrical devices (e.g. car radio, central door locking system, alarm, etc.) can work.
- MAR: driving position. All electric devices can operate.
- AVV: engine starting. The ignition device is fitted with a safety system that requires the ignition key to be turned back to STOP if the engine does not start, before the starting operation can be repeated.



10

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## STEERING COLUMN LOCK

### Activation

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

### Deactivation

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



### WARNING


**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. It is absolutely forbidden to carry out any aftermarket operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could adversely affect performance, invalidate the

warranty, cause serious safety problems and also result in the vehicle not meeting type-approval requirements.

## THE FIAT CODE SYSTEM

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



Each time the vehicle is started turning the ignition key to MAR, the Fiat CODE system control unit sends a recognition code to the engine control module to deactivate the immobiliser.


If, during ignition, the code is not correctly recognized, a warning light  is lit on the instrument panel.


In this case, turn the key to STOP and then back to MAR; if the lock continues, try with the other keys provided with the vehicle. Contact a Fiat Dealership if you still cannot start the engine.

**WARNING** Each key has its own code which must be stored by the system's control unit. Contact a Fiat Dealership to have new keys (up to 8) stored with a code.

## Activation of warning light while driving

□ If the  warning light (or symbol in the display) comes on, this means that the system is running a self-diagnosis test (caused, for example, by a voltage drop). When you stop for the first time, turn the key to STOP and then to MAR: the warning light  will not light up if no faults are detected.

□ If the warning light  (or symbol on the display) stays on, repeat the procedure described above leaving the key at STOP for longer than 30 seconds. If the problem persists, contact the Fiat Dealership.

□ The code is not recognised if the warning light  (or symbol on the display) stays on. 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. If you still cannot start the engine, perform the emergency start procedure (see chapter "In an emergency") and then contact the Fiat Dealership.



### IMPORTANT

**1)** The electronic components inside the key may be damaged if the key is subjected to strong shocks.

## ALARM SYSTEM

(for versions/markets, where provided)

The alarm, in addition to all the previously described remote control functions, is controlled by the receiver located under the dashboard near the fuse box.

### ALARM ACTIVATION

The alarm goes off in the following cases:

- unauthorised opening of a door, the bonnet, the tailgate or a sliding side door (if present) (perimeter protection)
- unauthorised operation of the starting device (key turned on using a key that is not enabled)
- cutting of the battery leads;
- movement inside the passenger compartment (volumetric protection);
- anomalous lifting/tilting of the vehicle.

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


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

Volumetric and antilifting protections are disabled by pressing the control



button installed on the front dashboard (see paragraph "Antilift protections).

**WARNING** The engine stop function is guaranteed by the Fiat CODE, which is automatically activated when the ignition key is extracted from the ignition switch.

### TURNING THE ALARM ON

With the doors and bonnet closed and the ignition key either turned to STOP or removed, point the key with the remote control towards the vehicle and press and release button .

With the exception of some markets, the system emits an acoustic signal ("beep") and activates door locking. A self-diagnostic stage precedes the turning on of the alarm: if a fault is detected, the system produces another acoustic signal after approximately 4 seconds from switch-on.

In this case switch off the alarm by pressing , check that all the doors, bonnet and tailgate are closed correctly; then switch the alarm back on by pressing .

If a door or the bonnet is not properly shut, it will be excluded from the testing by the alarm system.

A fault has occurred in system operation if the alarm produces an



acoustic signal even when the doors, bonnet and boot are correctly closed. Contact a Fiat Dealership.

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

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

### TURNING THE ALARM OFF

Press button  on the key with the remote control.

The following operations are performed (excluding some markets):

- direction indicators flash twice;
- two brief acoustic signals ("beeps");
- doors are unlocked.

**WARNING** The alarm is not turned off using the door are opened using the metal insert in the key.

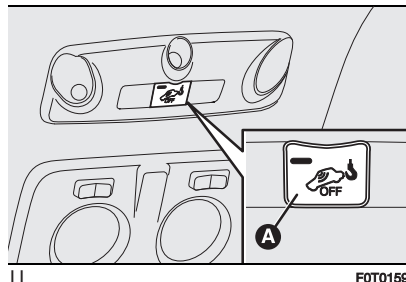
### VOLUMETRIC/ ANTI-LIFT PROTECTION

The side windows must be completely closed for correct operation of the protection.


If necessary, the function can be turned off (if, for example, you are leaving a pet in the car) by pressing button (A)

fig. 11 on the front courtesy light before activating turning the alarm on.

When the function is disabled, this is indicated by the LED on the button flashing for several seconds. Any disabling of the volume sensing/anti-lift protection must be repeated each time the instrument panel is switched off.



### BREAK IN ATTEMPT INDICATION

The warning light  comes on or the symbol appears on the display with a specific message when the panel lights up according to vehicle version to indicate a break-in attempt (see the "Warning lights and messages" paragraph in "Knowing the instrument panel").

### DISARMING THE ALARM

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


lock. In this case, the car will not be protected by the alarm system, while the engine immobiliser function is ensured by the Fiat CODE system, which is automatically activated when the key is removed from the ignition switch.

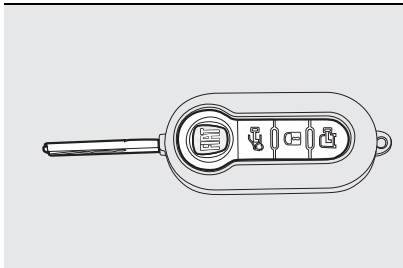
**WARNING** If the batteries in the remote control key are run down or if the system is faulty, the key must be inserted in the ignition and turned to the ON position to switch the alarm off.

## DOORS

### DOOR CENTRAL LOCKING/UNLOCKING


#### Door locking from the outside

The doors will only be locked if all doors are shut. If one or more of the doors is open after button  is pressed on the remote control fig. 12, the direction indicators will flash quickly for around three seconds. You can lock all the doors by turning the key clockwise in the driver's door.





12


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

### Door unlocking from the outside

Press the  button shortly to remotely unlock only the front doors (Fiorino Cargo version) or all doors, to turn on the front ceiling lights for a limited period and to double flash the direction indicators.

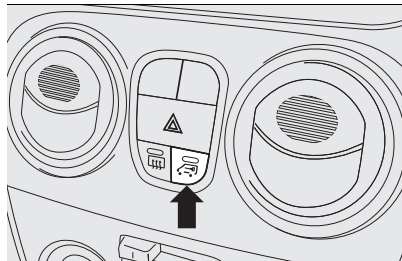
Press  button and hold it pressed to remotely unlock the load compartment (Fiorino Cargo version) or the tailgate, to turn on the rear ceiling lights for a limited period and to double flash the direction indicators. Turn the key anticlockwise in the driver's door to unlock the front doors only.

Press button  briefly to unlock all the doors (Combi version), switch on the ceiling lights temporarily and

double-flash the direction indicators. Turn the key anticlockwise in the driver's door to unlock all the doors.

### Unlocking the load compartment from inside the vehicle (Cargo version)

Press the button fig. 13 (Cargo version) to unlock or lock the load compartment (rear swing doors and sliding side doors) from the inside. Press again to lock all doors of the vehicle.



13

F0T0322

### SLIDING SIDE DOORS

(for versions/markets, where provided)

 6) 7)

 2)

The sliding side door is fitted with a spring-loaded latch that stops the door from opening any further. To lock it, simply push the door as far as it will go; to unlock it, pull forward firmly.

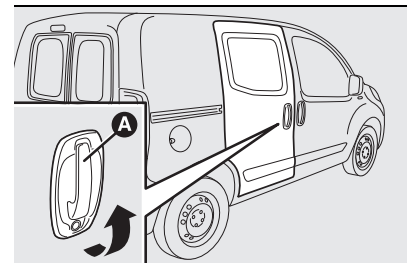
In any case, make sure that the door is correctly attached to the device that holds it fully open.

 8) 9)

### Opening/closing from the outside

Opening: turn the key in the lock and pull handle (A) fig. 14 (Fiorino version) or fig. 15 (Qubo version) in the direction shown by the arrow, then slide the door towards the rear of the vehicle until it locks into place and can go no further.

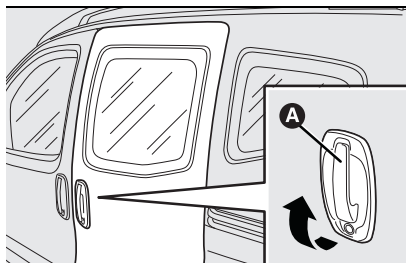
Closing: push the handle (A) fig. 14, fig. 15 towards the front of the vehicle. Turn the key with metal insert in the closing direction.



14

F0T0136

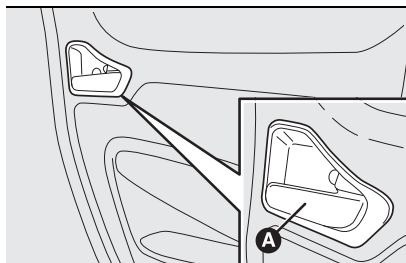




15 FOT0209

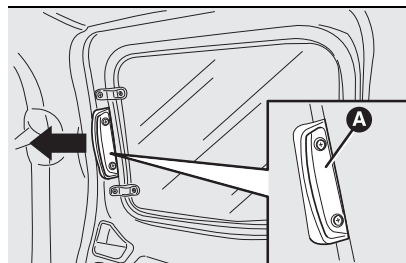
### Opening/closing from the inside (Fiorino Combi versions)

Opening: pull lever (A) fig. 16 and slide the door towards the rear of the vehicle until it can go no further.



16 FOT0137

To close: Use the handle (A) fig. 17 to close the sliding side door, sliding it towards the front of the vehicle.



17 FOT0187

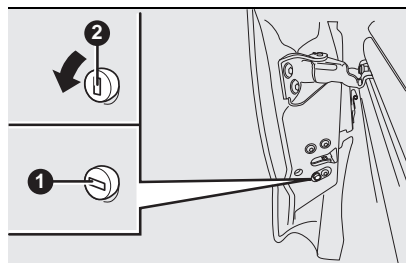
### Opening/closing from the inside (Fiorino Cargo versions)

WARNING The rear sliding side door has no internal opening handle. If necessary, use device (A) fig. 22 of the rear double swing door.

### CHILD SAFETY DEVICE



This system prevents opening the sliding side doors from the inside.



18 FOT0138

The device can be engaged only with the sliding side door open fig. 18:

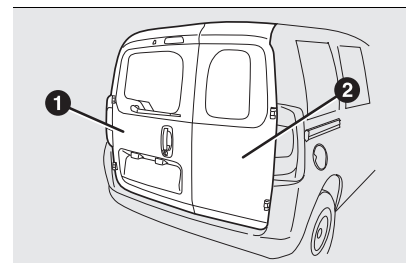
- (1) position - device engaged (door locked);
- position (2) - device not engaged (door may be opened from the inside).

The device remains engaged even if the doors are electrically unlocked.

### DOUBLE REAR WING DOORS

(for versions/markets, where provided)

The double rear swing doors fig. 19 are fitted with a spring-loaded system that stops them when they have opened to an angle of approximately 90 degrees.



19 FOT0139

To open them wider to an angle of 180 degrees, push the locking device (A) fig. 20 (one on each side) as shown in the diagram and simultaneously open the doors.




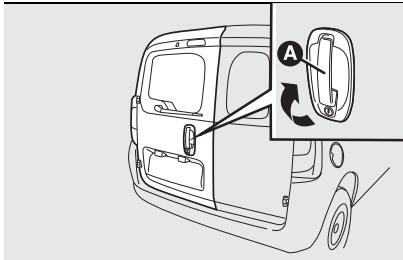


20

F0T0375


### Opening/closing the first swing door from the outside

To open the door, turn the metallic insert of the key in the lock or press button  on the remote control and then pull handle (A) fig. 21 in the direction of the arrow.



21

F0T0140

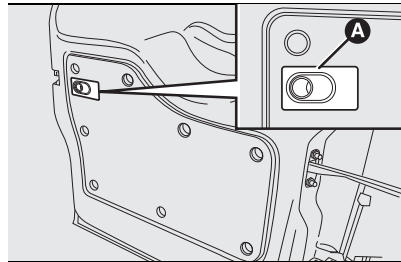
To close the door, turn the key in the lock or press button  on the remote control.



12)

### Emergency opening of the first swing door from the inside

From inside, use device (A) fig. 22.



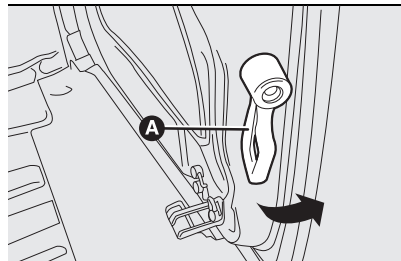
22

F0T0060

### Opening the second swing door

After having opened the first door, pull handle (A) fig. 23 in the direction shown by the arrow.

**WARNING** Pull handle (A) fig. 23 in the direction of the arrow only.



23

F0T0142



### WARNING

- 6) Before opening a door, ensure that you can do it in conditions of safety.
- 7) The right sliding side door cannot be opened with the fuel flap open during refuelling.
- 8) Do not leave the sliding side door open when the vehicle is parked on a gradient. A knock could release the latch leaving the door free to move forward.
- 9) Before leaving the vehicle parked with sliding doors open, always check that the latch is engaged.
- 10) Always use this device when carrying children.
- 11) This spring loaded system has activation forces that were designed for optimum comfort. Accidental knocks or a strong gust of wind may release the springs and let the doors close spontaneously.
- 12) When closing, shut the right hand door (2) fig. 19 fully before you close the left hand door (1) fig. 19. Never shut the two doors at the same time.



### IMPORTANT

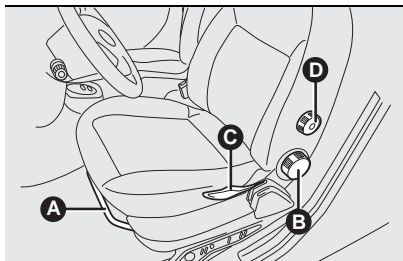
- 2) Make sure that the right sliding side door is all closed before refuelling to prevent damage to the door and to the sliding locking system with fuel filler cap open, activated during refuelling operations.



## SEATS

⚠ 13)

### FRONT SEATS



24

FOT0153

#### Lengthwise adjustment

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

⚠ 14)

#### Backrest angle adjustment

Turn knob (B) fig. 24.

#### Driver seat height adjustment

(for versions/markets, where provided)  
Operate lever (C) fig. 24 to lift or lower the rear part of the cushion to achieve the most comfortable driving position.

**WARNING** Adjustment must be carried out only when seated in the relevant seat.

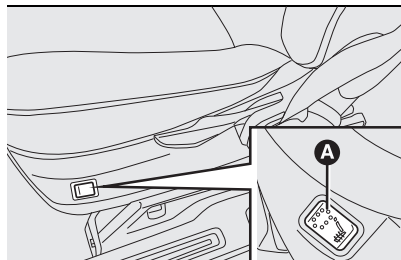
#### Driver seat lumbar adjustment

(for versions/markets, where provided)  
Turn knob (D) fig. 24 to adjust the backrest support.

#### Heated seats

(for versions/markets, where provided)

⚠ 15)



25

FOT0205

With the key turned to MAR, press button (A) fig. 25 to switch the function on/off.

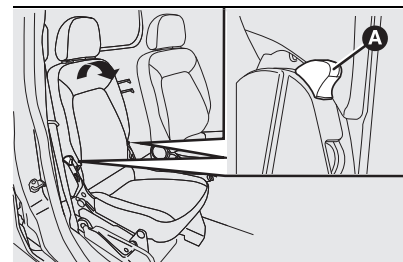
When the function is enabled, the LED on the button turns on.

### FOLDAWAY PASSENGER SEAT

(for versions/markets, where provided)

The passenger seat can be folded away on some versions.

**WARNING** Move the seat only when there are no rear passengers.

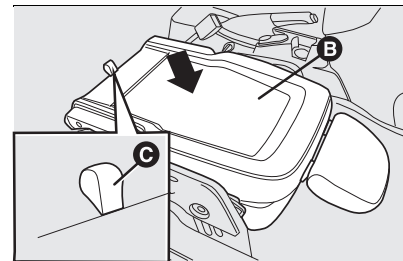


26

FOT0235

#### Seat folding

To fold the seat, proceed as follows:



27

FOT0457

- open the passenger side door;
- pull lever (A) fig. 26 and fold the backrest forwards in the direction indicated by the arrow;

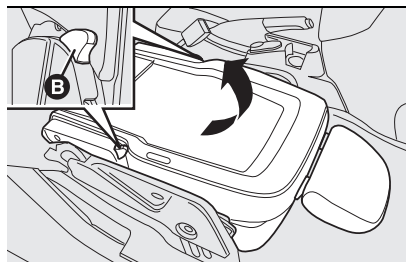
- then push the backrest (B) fig. 27 down: the seat is now completely folded over on itself into the "table" position;
- pull tab (C) fig. 27 and push the backrest down further: the seat is now completely folded away.

### Repositioning the seat

To return the seat back to its normal position, proceed as follows:

- take tab (C) fig. 27 and lift the backrest up;
- operate levers (B) fig. 28 and further lift the seat upwards.

 16) 17)



28

FOT0237

### REAR SEATS

(for markets/versions, where provided)

#### Access to the rear seats

(Combi versions)

To access the rear seats, open one of the sliding side doors (see "Doors" chapter in this section).



### WARNING

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

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

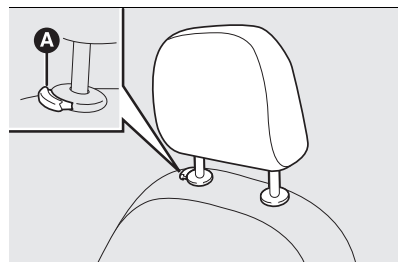
**15)** Do not place objects on the seat or on the backrest that may isolate the heat, such as a cover or a pillow. It may cause the seat heating device to overheat. Sitting on an overheated seat may cause severe burns due to the increase in temperature of the seat surface.

**16)** When the passenger seat is folded away, the space created cannot be used for loading. When the vehicle is in motion, you are therefore advised to remove or secure any objects that might interfere with the driver. If there is no partition between the cab and the load compartment, tall objects or packages may take up part of the passenger area. Make sure that these items are well secured by using the available hooks and that they cannot interfere with the driver.

**17)** If there is no partition between the cab and the load compartment, tall objects or packages may take up part of the passenger area. Make sure that these items are well secured by using the available hooks and that they cannot interfere with the driver.

## HEAD RESTRAINTS

### FRONT



29

FOT0053

These are height-adjustable and lock into place automatically fig. 29.

- Upward adjustment: lift the head restraint until it clicks into place.
- Downward adjustment: press button (A) fig. 29 and lower the head restraint.

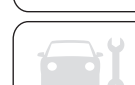
 18)

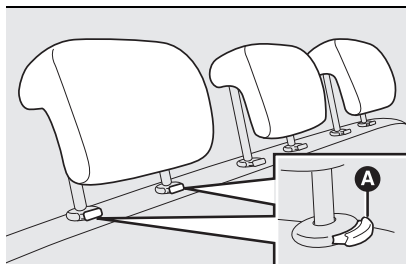
### REAR

(for versions/markets, where provided)

Lift up to use.

To put the headrests away, press buttons (A) fig. 30 and fig. 31 and push them down into the backrest.

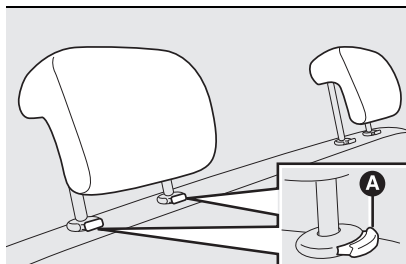




30

FOT0054

N1 versions (4 seats) fig. 31



31

FOT0341

To extract the headrests, raise them until you hear the click (which indicates they are in "all extracted" position).

**WARNING** The headrests must always be in the "all extracted" position when the rear seats are in use.



**WARNING**

**18)** All adjustments must be carried out only with the vehicle stationary and the engine off. Head restraints must be adjusted so that the head, rather than the neck, rests on them. Only in this case they can protect your head correctly. To maximise the protective action provided by the headrest, adjust the seat back so that your trunk is upright and keep your head as close to the headrest as possible.

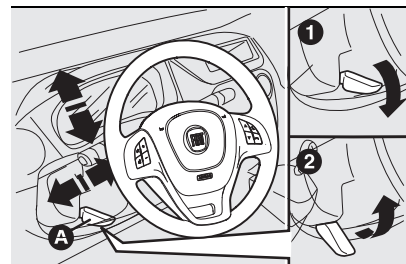
**STEERING WHEEL**

The height and axial position of the steering wheel can be adjusted on some versions.

To carry out the adjustment, proceed as follows:

- release lever (A) fig. 32 by pushing it forwards (position (1));
- adjust the steering wheel;
- lock the lever (A) by pulling it towards the steering wheel (position (2)).

**19) 20)**



32

FOT0040



**WARNING**

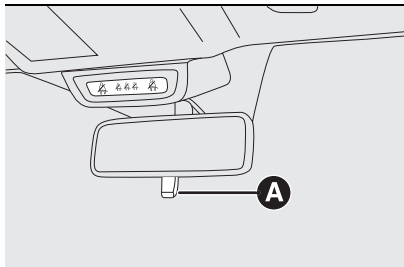
**19)** All adjustments must be carried out only with the vehicle stationary and the engine off.

**20)** It is absolutely forbidden to carry out any aftermarket operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could adversely affect performance, invalidate the warranty, cause serious safety problems and also result in the vehicle not meeting type-approval requirements.

## REAR-VIEW MIRRORS

### INTERIOR MIRROR

(for versions/markets, where provided)



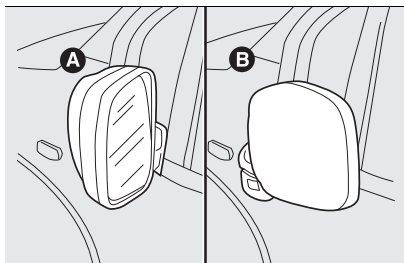
33

F0T0988

The mirror is fitted with a safety device that causes its release in the event of a violent impact with the passenger.

Lever (A) fig. 33 can be used to move the mirror to two different positions: normal or anti-glare.

### DOOR MIRRORS



34

F0T0042

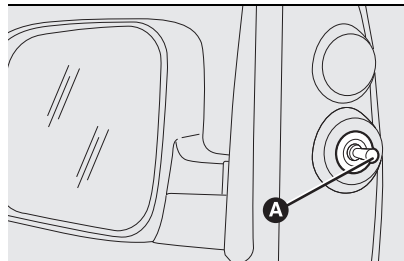
### Manual mirror folding

When required (for example when the mirror causes difficulty in narrow spaces ) it is possible to fold the mirrors manually moving them from position (A) fig. 34 to position (B).

 21) 22)

### Manual adjustment

From inside, use device (A) fig. 35.



35

F0T0194

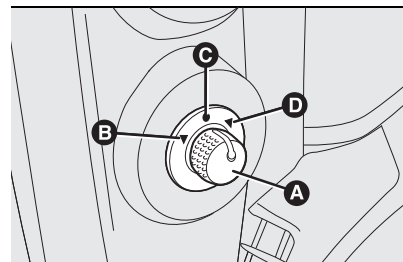
### Electric adjustment

(for versions/markets, where provided)

Door mirrors can be adjusted only if the ignition key is in MAR position.

Proceed as follows:

select the desired mirror (left or right) using switch (A) fig. 36;



36

F0T0041

- move switch (A) to position (B) and operate it to adjust the left door mirror;
- move switch (A) to position (D) and operate it to adjust the right door mirror.

Once you have finished the adjustment, return switch (A) to intermediate locking position (C).



### WARNING

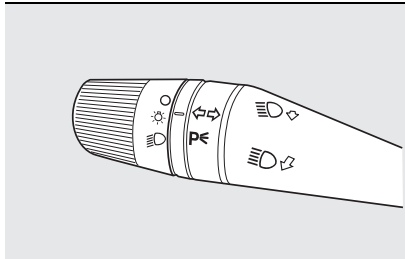
**21)** While driving the mirrors must remain in position (A) fig. 34.

**22)** As door mirrors are curved, they may slightly alter the perception of distance.



## EXTERNAL LIGHTS

The left stalk fig. 37 includes the exterior light controls.



37




F0T0430

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




### LIGHTS OFF


Ring turned to position .

### SIDE LIGHTS




Turn the ring to position . The  or  warning light switches on in the instrument panel.

### PARKING LIGHTS



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

The  warning light switches on in the instrument panel. Operate the direction indicator stalk to select the side (right or left).

### DIPPED BEAM HEADLIGHTS

Turn the ring to position . The  or  warning light switches on in the instrument panel.

### MAIN BEAM HEADLIGHTS

When the ring in position  pull the stalk towards the steering wheel (2<sup>nd</sup> unstable position). The  warning light switches on in the instrument panel.

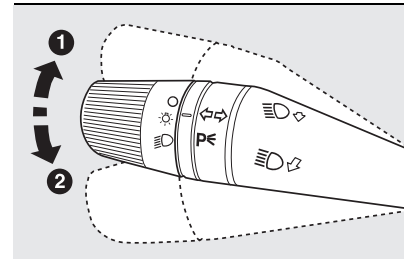
To turn the main beams off, pull the stalk towards the steering wheel again (dipped beams will turn on).

### FLASHING THE HEADLIGHTS

Pull the stalk towards the steering wheel (1<sup>st</sup> unstable position) regardless of the position of the ring.

The  warning light switches on in the instrument panel.



## DIRECTION INDICATORS





38

F0T0431

Take the stalk to the (stable) position fig. 38:

-  up (position (1)): to activate the right direction indicator;
-  down (position (2)): activates the left direction indicator.

Warning light  or  will blink on the instrument panel.

Direction indicators switch off automatically when the vehicle is back in a straight line.

If you want the indicator to flash briefly to show that you are about to change lane, move the stalk up or down without it clicking into position. When released the stalk will return to its initial position.



### Lane change function

If you wish to signal a lane change, place the left stalk in the unstable position for less than half a second.

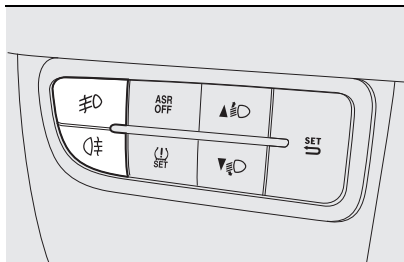
The direction indicator on the side selected will be activated for 3 flashes and then go out automatically.

## FOG LIGHTS

(for versions/markets, where provided)

Press button  fig. 39 with the side/tail lights on to turn the fog lights on. Instrument panel warning light  comes on.



Press the button again to switch the lights off.



39

FOT0501

## REAR FOG LIGHTS

Press button  fig. 39 with the dipped beams or front fog lights on to turn the rear fog lights on. Instrument panel warning light  comes on.

Press the button again to turn the lights off or turn off the dipped beam headlights and/or the front fog lights (for versions/markets, where provided).


## "FOLLOW ME HOME" DEVICE

This device lights up the space in front of the vehicle for a short time.

### Activation

With the ignition key in the STOP position or extracted, pull the lever towards the steering wheel and move it within 2 minutes of the engine switching off.

Each time the stalk is moved, the lights stay on for an extra 30 seconds up to a maximum of 210 seconds; then the lights are switched off automatically.

Each time the stalk is moved, instrument panel warning light  comes on and the corresponding message will appear on the display (see the "Warning lights and messages" chapter in the "Knowing the instrument panel" section) for as long as the function remains on. The warning light comes on when the stalk is operated and stays on until the function is automatically deactivated. Each movement of the stalk only increases the amount of time the lights stay on.

### Deactivation

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

## LIGHT BEAM DIRECTION

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

## HEADLIGHT ALIGNMENT CORRECTOR

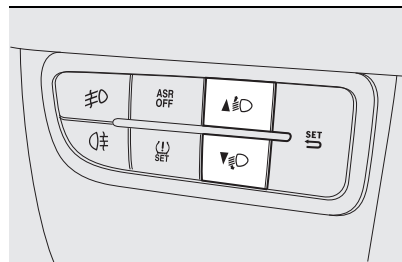
This device works with the ignition key in the MAR position and the dipped headlights on.

The vehicle tilts backwards when it is laden, raising the beam.

The beams must therefore be realigned in this case.

### Headlight alignment adjustment

Press  or  on the control panel fig. 40.



40

FOT0502



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

Position 0 - one or two people in the front seats.

Position 1 - five people.

Position 2 - five people + load in the boot.

Position 3 - driver + maximum permitted load stowed in the boot.

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

### FOG LIGHTS ALIGNMENT

(for versions/markets, where provided)

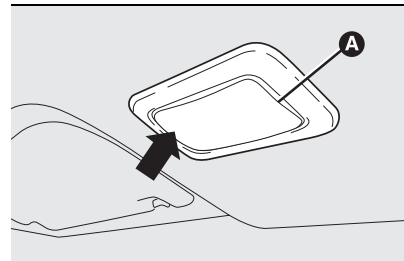
Contact a Fiat Dealership to have the headlights checked and adjusted.

### ADJUSTING THE HEADLIGHTS WHEN ABROAD

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

## INTERIOR LIGHTS

### FRONT ROOF LIGHT WITH MOVABLE LENS



41

FOT0113

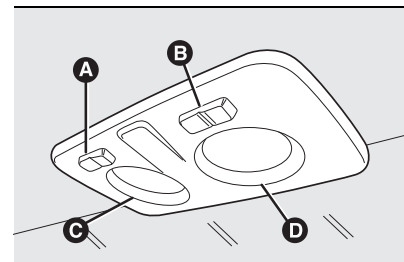
The light comes on automatically when a front door or sliding side door is opened and goes out when it is closed. Press the left-hand side of the lens (A) fig. 41, as shown in the diagram, to switch the light on/off when the doors are closed.

### FRONT ceiling LIGHT WITH SPOT LIGHTS

(for versions/markets, where provided)

Switch (A) fig. 42 is used to switch on/off the ceiling light bulbs.

With switch (A) in central position: lights (C) and (D) fig. 42 switch on/off when the doors are opened/closed.



42

FOT0121

With switch (A) pressed to the left, lights (C) e (D) stay off.

With switch (A) pressed to the right, lights (C) e (D) stay on.

The lights switch on/off gradually.

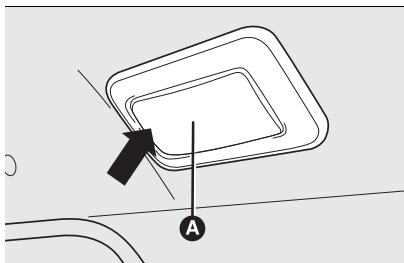
Switch (B) fig. 42 is a spot light; when the ceiling light is off, it switches the following on individually:

- light (C) if pressed on the left side;
- light (D) if pressed on the right side.

**WARNING** Before getting out of the vehicle, make sure both switches are in the middle position; when the doors are closed, the lights switch off to prevent the battery from being run down. In any case, if the switch is left in the permanently on position, the courtesy light goes off automatically 15 minutes after the engine switching off.

## REAR ROOF LIGHT WITH MOVABLE LENS

(for versions/markets, where provided)



43

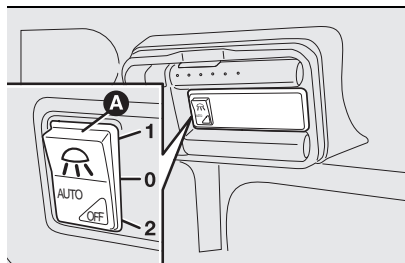
FOT0114

The light comes on automatically when a front door or sliding side door is opened and goes out when it is closed. Press the left-hand side of the lens (A) fig. 43, as shown in the diagram, to switch the light on/off when the doors are closed.

## REAR CEILING LIGHT WITH REMOVABLE TORCH

(for versions/markets, where provided)

The light comes on automatically when you open the sliding side doors (for versions/markets where provided) and the rear swing doors, and goes out when you close them.



44

FOT0116

Press switch (A) fig. 44 to turn the light on/off with the doors closed.

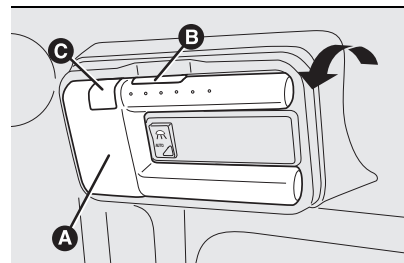
The switch (A) can assume three different positions:

- switch in central position (position 0), light comes on when a door is opened;
- switch pushed up (position 1), light is always on;
- switch pushed down (position 2 - AUTO OFF), light is always off.

## TORCH FUNCTION

(for versions/markets, where provided)

This is located on the right side of the load compartment. It is used as both a fixed light and a portable electric torch.



45

FOT0115

To use the removable torch (A) fig. 45, push button (B) and remove the torch in the direction shown by the arrow. Then press switch (C) to switch the light on/off.

When the removable light is secured to its fixed support, the electric torch battery is automatically recharged. With the vehicle stationary and the ignition key either turned to STOP or removed, the ceiling light is recharged for a maximum of 15 minutes.

## SWITCHING ROOF LIGHTS ON/OFF

### Cargo versions

The ceiling lights switch on/off in the following ways:

*Ceiling lights on without locking the doors*

Front ceiling light: comes on when the front doors are opened.



Rear ceiling light: on manually.

Removable ceiling light (alternative to rear ceiling light): on manually (fixed part).

*Ceiling lights off when locking the doors*

Front and rear ceiling light (also with optional removable ceiling light): off (faded out) when the sliding side doors, rear swing doors or front doors are closed.

*With independent load compartment*

Front ceiling light: fades out when the front doors are closed.

Rear ceiling light (also with optional removable ceiling light): off (faded out) closing the rear doors.

### Combi versions

The ceiling lights switch on/off in the following ways:

*Ceiling lights on without locking the doors*

Front ceiling light: comes on when the front doors are opened.

Rear ceiling light: on manually.

*Ceiling lights off when locking the doors*

Front and rear ceiling light (also with optional removable ceiling light): off (faded out) when the sliding side doors, rear swing doors or front doors are closed.

## WINDOW WASHING

The right stalk fig. 46 controls windscreen wiper/washer and rear window wiper/washer operation (for versions/markets, where provided).

### WINDSCREEN WIPER/WASHER

This operates only with the ignition key turned to MAR.

The ring on the right stalk can assume five different positions:

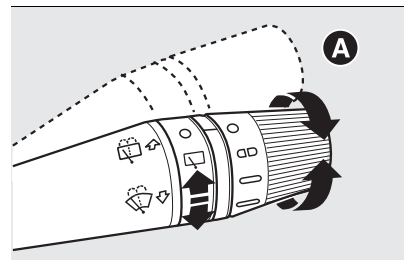
○ windscreen wiper off.

Ⓢ flick operation.

Ⓛ continuous slow operation.

Ⓜ continuous fast operation.

Move the stalk to position (A) fig. 46 (unstable) to limit operation to the time for which the stalk is held in this position.



When released, the stalk will return to its default position and the windscreen wiper will be automatically stopped.

With the ring in position Ⓢ fig. 46, the windscreen wiper will automatically adapt to the vehicle speed.

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



### “Smart washing” function

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

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

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

### Service Position function

This function (which can only be activated after the engine has stopped) makes it possible to replace the blades or protect them when there is ice and/or snow.

The “Service Position” function can be requested explicitly within two minutes of stopping the engine, when the wipers have returned correctly to their parked position.

The function can be activated by turning the ring to position ○ and


moving the stalk upwards to the MIST position, up to three times. The activations are used to position the wipers as preferred. The "Service Position" function is deactivated when the car is started, with a wiping request or when the car is moving (speed above 5 km/h).

**WARNING** Make sure, when starting vehicle, that the windscreen is free of snow or ice before turning the ignition key.

## REAR WINDOW WIPER/WASHER

(for versions/markets, where provided)  
This operates only with the ignition key turned to MAR.

### Activation

Turn the ring nut to  to operate the rear window wiper:

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

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

### Deactivation

The function stops when the stalk is released.



### IMPORTANT

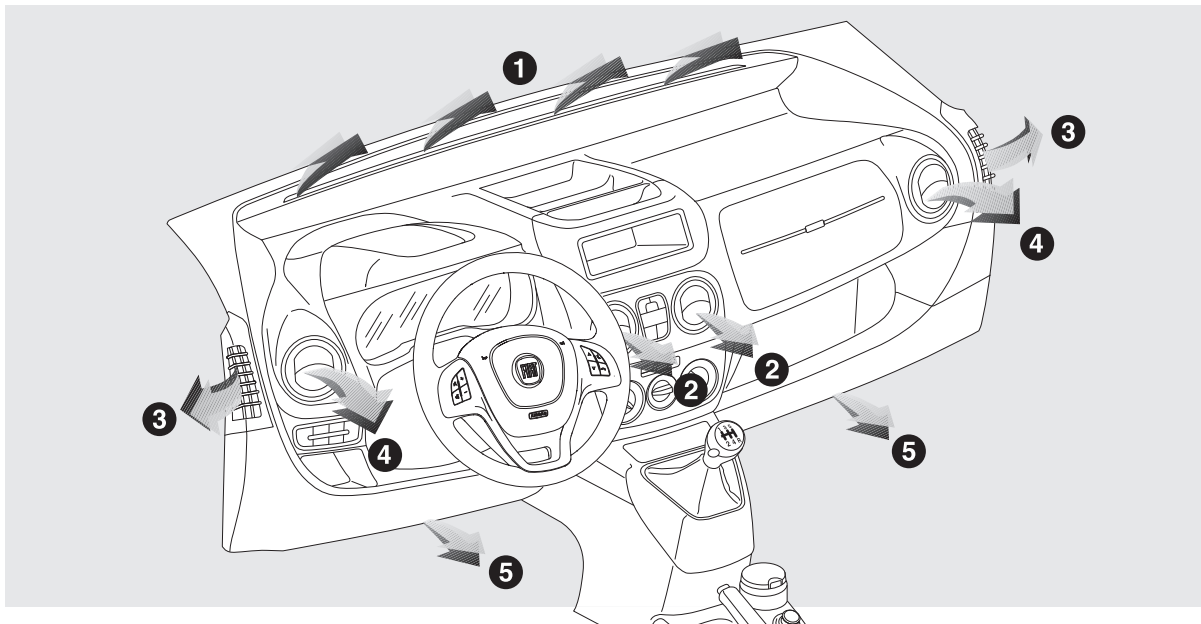
**3)** *Never use the screen wiper to remove layers of snow or ice from the windscreen glass. In such conditions, the wiper may be subjected to excessive stress and the motor cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not restored, contact a Fiat Dealership.*

**4)** *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 restored, contact a Fiat Dealership.*



# HEATING AND VENTILATION SYSTEM

## VENTS

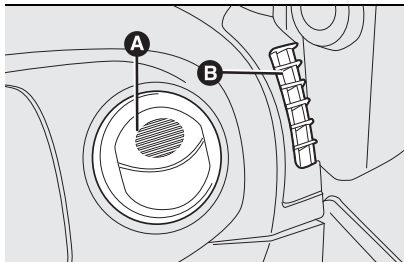


47

F0T0148

1. Upper fixed vent 2. Adjustable central vents 3. Fixed side vents 4. Adjustable side vents 5. Foot well vents

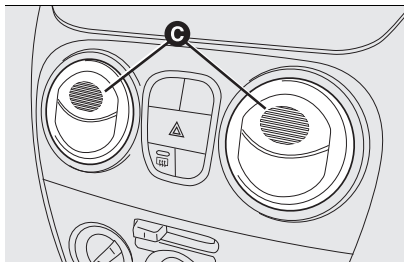
## CENTRAL AND SIDE VENTS



48

F0T0031

- (A) Adjustable side vent fig. 48
- (B) Fixed vent for side windows fig. 48
- (C) Adjustable central vents fig. 49



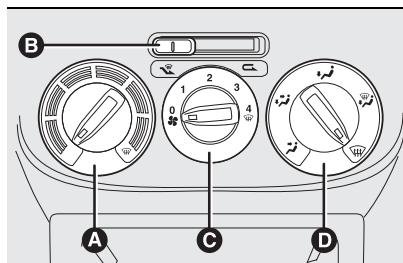
49

F0T0030

To use the vents (A) e (C), adjust them as required.

## HEATING AND VENTILATION

### CONTROLS



50

F0T0074

The main heating and ventilation commands are listed below fig. 50:

- A** air temperature adjustment knob (hot/cold air mixing)
- B** internal air recirculation on/off slider
- C** fan activation knob
- D** air distribution knob.

### CLIMATIC COMFORT

Knob (D) allows the air introduced into the vehicle to reach all parts of the passenger compartment through five distribution options:

- delivers air from central and side vents;
- warms the feet and keeps the face cool (bi-level function)

warms up the passenger compartment faster;

warms up the passenger compartment and demists the windscreen at the same time;

demists and defrosts the windscreen and front side windows.

### HEATING

Proceed as follows:

- turn knob (A) all to the right (to );
- turn knob (C) to the required speed.
- turn knob (D) to:
  - to warm the feet and demist the windscreen at the same time;
  - to send air to the feet and introduce fresher air from the central and dashboard vents;
  - to warm up quickly.

### FAST HEATING





Proceed as follows:

- close all the vents in the dashboard
- turn the knob (A) to ;
- turn the knob (C) to 4 ;
- turn the knob (D) to .

### RAPID WINDSCREEN AND FRONT SIDE WINDOWS DEMISTING/DEFROSTING (MAX-DEF function)

Proceed as follows:







- ❑ turn the knob (A) to ;
- ❑ turn the knob (C) to 4 ;
- ❑ turn the knob (B) to ;
- ❑ bring cursor to (D) to .

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



### Window demisting

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

- ❑ bring cursor to (B) to ;
- ❑ turn the knob (A) to ;
- ❑ turn the knob (C) to 2;
- ❑ turn the knob (D) to  with the option of moving to position  if there is no sign of the windows misting up.

### ADJUSTING THE FAN SPEED

To ventilate the passenger compartment properly, proceed as follows:

- ❑ fully open the central and side air vents
- ❑ turn knob (A) to the blue section;
- ❑ bring cursor to (B) to ;
- ❑ turn knob (C) to the required speed.
- ❑ turn the knob (D) to .

### INTERNAL AIR RECIRCULATION ACTIVATION

Bring cursor (B) to .


It is advisable to switch the internal air recirculation on while standing in queues or in tunnels to prevent the introduction of polluted air.


Do not use the function for a long time, particularly if there are several passengers on board, to prevent the windows from steaming up.

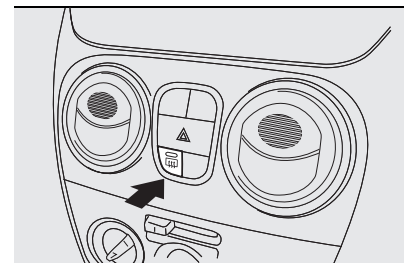
**WARNING** Internal air recirculation makes it possible to reach the required heating or cooling conditions more quickly depending on the selected operating mode. Do not use the internal air recirculation function on rainy/cold days to avoid the possibility of the windows misting.

### HEATED REAR WINDOW AND DOOR MIRRORS DEMISTING / DEFROSTING

(for versions/markets, where provided)

Press button  fig. 51 to activate the function. The LED on the button comes on to indicate activation.

Press  again to disable the function in advance.



51

F0T0048

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

### ADDITIONAL HEATER

(for versions/markets, where provided)  
This device warms up the passenger compartment more quickly when it is very cold and the engine coolant temperature is low.

The additional heater comes on automatically when the engine is started, if knob (A) is turned to the last red sector and the fan (knob (C)) is at least at the first speed level.

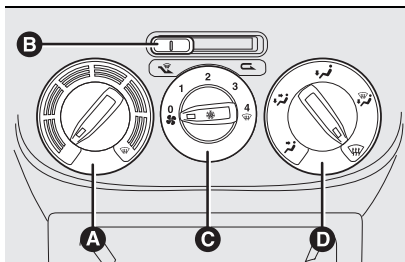
The additional heater turns off automatically after the required comfort conditions are achieved.

**WARNING** The heater will not turn on if the battery voltage is too low.

## MANUAL CLIMATE CONTROL SYSTEM

(for versions/markets, where provided)

### CONTROLS



52

FOT0029

The main heating and ventilation commands are listed below fig. 52:

**A** air temperature adjustment knob (hot/cold air mixing);

**B** internal air recirculation on/off slider;

**C** fan and climate control system on/off knob;

**D** air distribution knob.

### CLIMATIC COMFORT

Knob (D) allows the air introduced into the vehicle to reach all parts of the passenger compartment through five distribution options:

- delivers air from central and side vents;
- warms the feet and keeps the face cool (bi-level function)
- warms up the passenger compartment faster;
- warms up the passenger compartment and demists the windscreen at the same time;
- demists and defrosts the windscreen and front side windows.

### HEATING

Proceed as follows:

- turn knob (A) all to the right (to );
- turn knob (C) to the required speed.
- turn knob (D) to:
  - to warm the feet and demist the windscreen at the same time;
  - to send air to the feet and introduce fresher air from the central and dashboard vents;
  - to warm up quickly.

### FAST HEATING

Proceed as follows:

- close all the vents in the dashboard
- turn the knob (A) to ;
- turn the knob (C) to 4 ;
- turn the knob (D) to .

### RAPID WINDSCREEN AND FRONT SIDE WINDOWS DEMISTING/DEFROSTING (MAX-DEF function)

Proceed as follows:

- turn the knob (A) to ;
- turn the knob (C) to 4 ;
- turn the knob (D) to ;
- bring cursor to (B) to .

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





**WARNING** The climate control system is very useful for faster demisting because it dries the air. Adjust the controls as described above and engage the climate control by pressing knob (C).

### Window demisting

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





perform the following preventive window demisting procedure:

- ❑ bring cursor to (B) to ;
- ❑ turn the knob (A) to ;
- ❑ turn the knob (C) to 2;
- ❑ turn the knob (D) to  with the option of moving to position  if there is no sign of the windows misting up.

### ADJUSTING THE FAN SPEED

To ventilate the passenger compartment properly, proceed as follows:

- ❑ fully open the central and side air vents
- ❑ turn knob (A) to the blue section;
- ❑ bring cursor to (B) to ;
- ❑ turn knob (C) to the required speed.
- ❑ turn the knob (D) to .

### INTERNAL AIR RECIRCULATION ACTIVATION

Bring cursor (B) to .




It is advisable to switch the internal air recirculation on while standing in queues or in tunnels to prevent the introduction of polluted air.

Do not use the function for a long time, particularly if there are several passengers on board, to prevent the windows from steaming up.

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


### CLIMATE CONTROL SYSTEM (cooling)

Proceed as follows:

- ❑ turn knob (A) to the blue section;
- ❑ turn the knob (C) to 4 ;
- ❑ bring cursor to (B) to ;
- ❑ turn the knob (D) to ;
- ❑ press knob (C).


#### Adjusting cooling

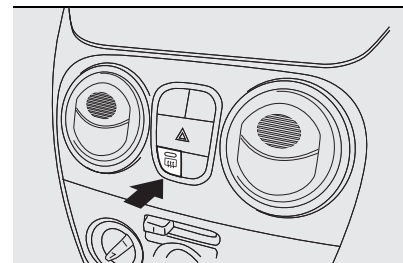
Proceed as follows:

- ❑ bring cursor to (B) to ;
- ❑ turn knob (A) to the right to increase the temperature;
- ❑ turn knob (C) to the left to reduce the fan speed.

### HEATED REAR WINDOW AND DOOR MIRRORS DEMISTING / DEFROSTING


(for versions/markets, where provided)

Press button  fig. 53 to activate the function. The LED on the button comes on to indicate activation.



53

F0T0048

Press  again to disable the function in advance.

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

### ADDITIONAL HEATER

(for versions/markets, where provided)

This device warms up the passenger compartment more quickly when it is very cold and the engine coolant temperature is low.

The additional heater comes on automatically when the engine is started, if knob (A) is turned to the last red sector and the fan (knob (C)) is at least at the first speed level.

The additional heater turns off automatically after the required comfort conditions are achieved.

**WARNING** The heater will not turn on if the battery voltage is too low.

## SYSTEM MAINTENANCE

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



### IMPORTANT

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

## ELECTRIC WINDOWS

### ELECTRIC FRONT WINDOWS

(for versions/markets, where provided)

Buttons fig. 54 are located on the driver's door panel to control the following functions with the key on:

(A): Opening/closing of left-hand window

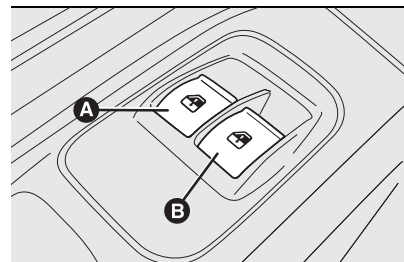
(B): Opening/closing of right-hand window

Push button (A) or (B) to open the appropriate window.

Lift button (A) or (B) to close the appropriate window.

When one of the two buttons is pressed briefly, the window moves in stages; if the button is held down, "continuous automatic" operation is activated both for closing and opening. Press button (A) or (B) again to stop the window in its current position.

The electric windows are fitted with a security system (for versions/markets, where provided) that can detect the presence of an obstacle whilst the window is closing; when this happens, the system kicks in and the movement of the glass is immediately reversed.



54

FOT0044

**WARNING** If the anti-crushing function (for versions/markets, where provided) is activated 5 times in only 1 minute, the system will automatically enter "recovery" mode (self-protection). This condition is apparent from the window closing in stages. If this occurs, restore the system as follows:

- open the windows;
  - or
  - turn the ignition key to the STOP position and then to MAR.
- If no malfunction is present, the window returns to its normal operation automatically.

**WARNING** With the ignition key in the STOP position or extracted, the electric windows remain activated for about 2 minutes and are deactivated



immediately when one of the doors is opened.



### MANUAL FRONT WINDOWS

On some versions, the front windows are opened and closed manually. Wind the handle to open/close.



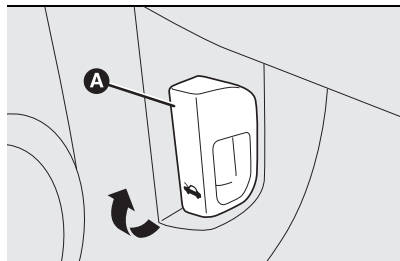
#### WARNING

**23)** *Improper use of the electric windows can be dangerous. Before and during operation, always check that nobody is exposed to the risk of being injured either directly by the moving window or through objects getting caught or hit by it. When leaving the vehicle, always remove the key from the ignition switch to avoid the risk of injury to anyone remaining in the vehicle due to accidental operation of the electric windows.*

## BONNET

### OPENING

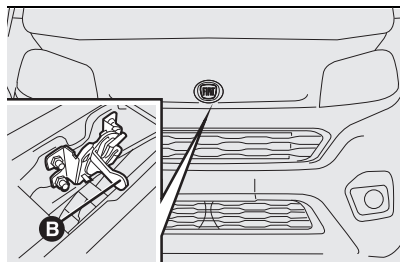
Proceed as follows:



55

FOT0045

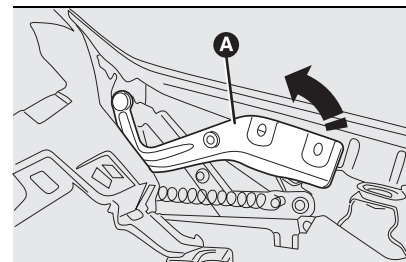
- pull the lever (A) fig. 55 in the direction indicated by the arrow;
- operate the lever (B) fig. 56 and lift the bonnet;



56

FOT0067

- lift the bonnet;
- lift the engine bonnet (A) fig. 57 supporting lever it until it clicks;



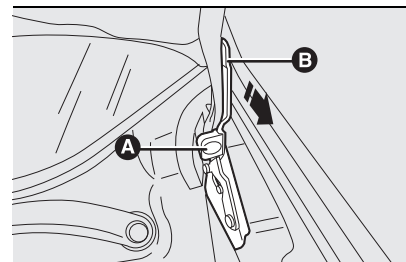
57

FOT0216



### CLOSING

Proceed as follows:



58

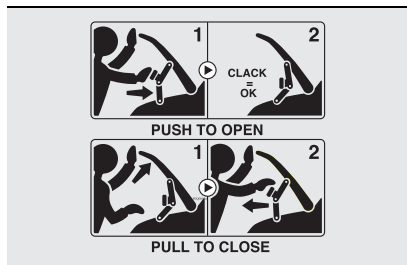
FOT0283

- lift the bonnet with one hand and pull the device (A) fig. 58 yourself while lowering the lever (B);
- 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.

**WARNING** A plate summarising the described bonnet opening/closing operations is affixed under the bonnet (see fig. 59).

25)



59

FOT0215



## WARNING

**24)** Before opening the bonnet, make sure that windscreen wiper arm is not raised, but is rather positioned against the windscreen.

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

*immediately and close the bonnet in the correct manner.*

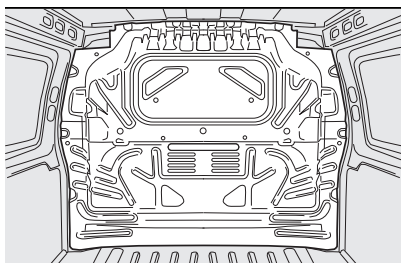
## PARTITIONS

(for versions/markets, where provided)

### CARGO VERSIONS

#### Fixed partition fig. 60

Separates the passenger area from the load compartment.

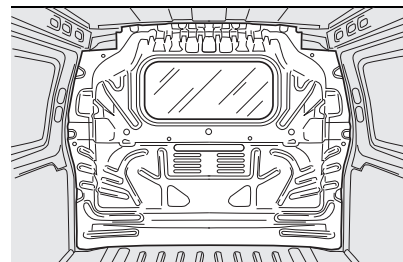


60

FOT0179

#### Glazed fixed partition fig. 61

This is provided with window in the middle so you can observe load stability.

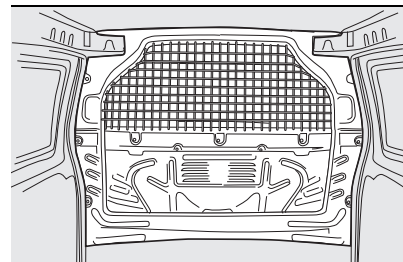


61

FOT0167

#### Fixed mesh fig. 62

Separates the passenger area from the load compartment. This is provided with metallic mesh so you can observe load stability.



62

FOT0059



**Pivoting split partition fig. 63**

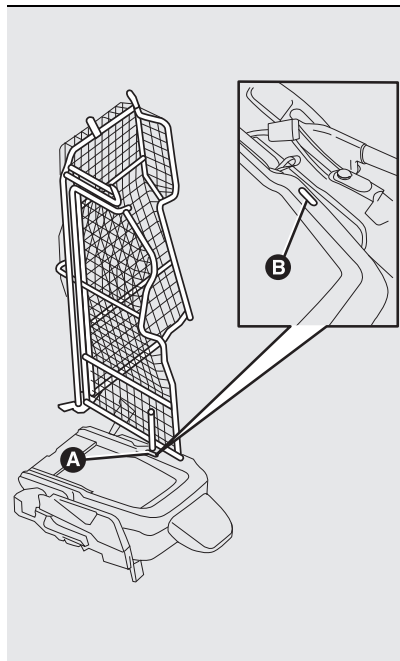


63

FOT0196

If you need to carry awkward shaped items, you can open the partition as follows:

- lay the foldaway passenger seat flat (see previous pages);
- from inside the load compartment, unhook the pin (A) fig. 64 on the back of the partition and insert it in seat on the backrest of the folded seat (B).



64

FOT0210

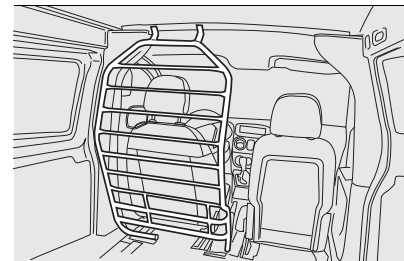
To put the partition back in its normal position, follow the same procedure in reverse.

**DRIVER PROTECTION LADDER**

(for versions/markets, where provided)

On some versions, a fixed ladder fig. 65 is provided to protect the driver from unstable loads and allow greater

loading capacity from the passenger side.



65

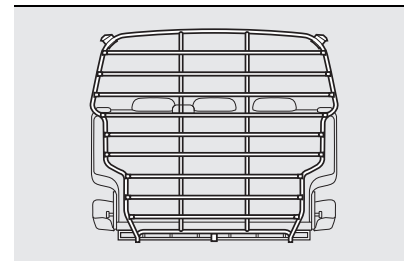
FOT0177

**FIORINO COMBI AND QUBO N1 4-SEATER VERSIONS**

(for versions/markets, where provided)

**Fixed partition fig. 66**

This is located behind the backrest of the rear seats.



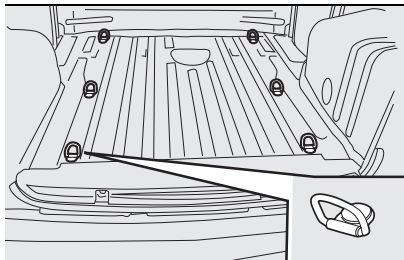
66

FOT0195

## ANCHORING YOUR LOAD

Hooks (various number, according to version) are fixed to the floor for easy securing load.

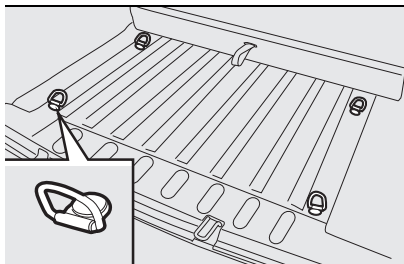
Cargo versions fig. 67;



67

FOT0057

Combi versions fig. 68.




68

FOT0058

## LOADING ADVICE

Some simple suggestions can improve driving safety, comfort and vehicle duration: - distribute the load evenly over the platform: if it must be concentrated it in a single area, choose

an area mid-way between both axles; - lastly, remember that the dynamic behaviour of the vehicle is affected by the transported weight: in particular, the stopping distances are longer, especially at high speed.

 26) 27) 28) 29)



### WARNING

**26)** Bumpy roads and abrupt braking may cause unexpected load shifting with consequently hazardous situations for the driver and passengers: before setting off, secure the load tightly using the partition and appropriate hooks, steel cables, ropes or chains strong enough to hold the items to be secured.

**27)** Even when the car is stopped on a steep hill or side slope, opening the rear or side doors could cause unsecured goods to fall out.

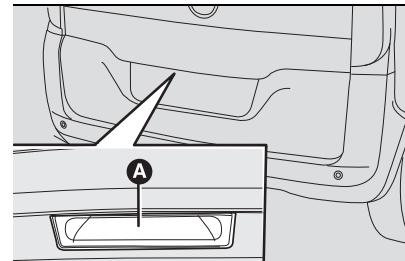
**28)** If you wish to carry a reserve of petrol in a can, observe the legal restrictions and only use a can that is type-approved and properly secured to the load anchoring eyebolts. In the event of a collision the fire risk is increased all the same.

**29)** Each of these must be strictly observed and **MUST NEVER BE EXCEEDED** in any case. In particular, ensure that you never exceed the maximum permitted weights on the front and rear axles when arranging the load on the vehicle (particularly if the vehicle is equipped with a specific trim level).

## BOOT

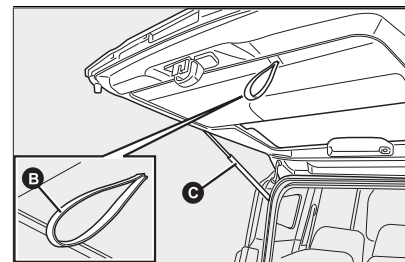
### OPENING THE TAILGATE FROM THE OUTSIDE

(Qubo version)



69

FOT0250



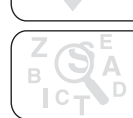
70

FOT0381


The tailgate (when unlocked) can only be opened from the outside of the car using the electric opening handle (A) fig. 69 located under the handle.

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



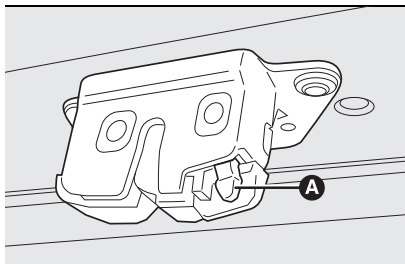
doors with the remote control or using the key without remote control.

The tailgate unlocks also by pressing the button  on the remote control.

To close the tailgate use handle (B) fig. 70.



### EMERGENCY OPENING FROM THE INSIDE (Qubo version)



71

FOT0285

In the event of an emergency, you can open the tailgate from inside as follows:

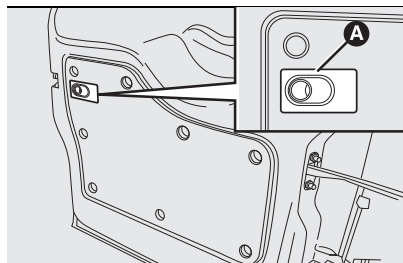
- Open the sliding side door and fully fold the rear seats;
- from inside the boot, press lever (A) fig. 71 and open the tailgate.



### EMERGENCY OPENING FROM THE INSIDE (Fiorino version)

In the event of an emergency, you can open the tailgate from inside as follows:

- open the sliding side door and lower the backrest of the rear seat to gain access to the boot (Combi versions); or



72

FOT0060

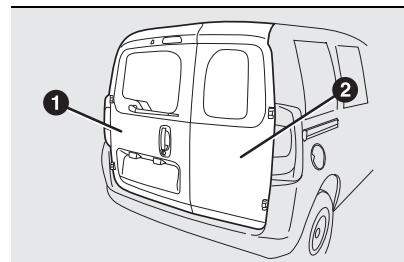
- open the sliding side door (Cargo versions);
- use device (A) fig. 72 located on the inside of the right-hand swing door;
- open the left-hand swing door by pulling the handle (see "Doors" in this section).



### DOUBLE REAR WING DOORS

(for versions/markets, where provided)

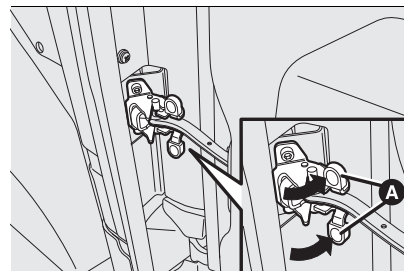
The double rear swing doors fig. 73 are fitted with a spring-loaded system that stops them when they have opened to an angle of approximately 90 degrees.



73

FOT0139

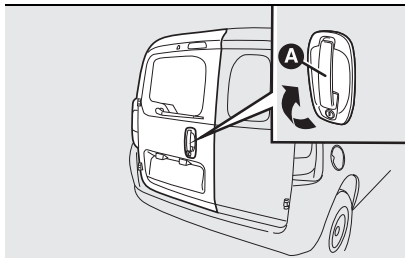
To open them wider to an angle of 180 degrees, push the locking device (A) fig. 74 (one on each side) as shown in the diagram and simultaneously open the doors.



74


FOT0375


## Opening/closing the first swing door from the outside



75

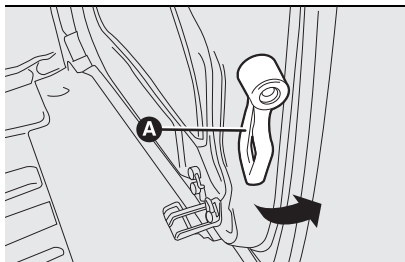
F0T0140

To open the door, turn the metallic insert of the key in the lock or press button  on the remote control and then pull handle (A) fig. 75 in the direction of the arrow.

To close the door, turn the key in the lock or press button  on the remote control.

 34)

## Opening the second swing door



76

F0T0142

After having opened the first door, pull handle (A) fig. 76 in the direction shown by the arrow.

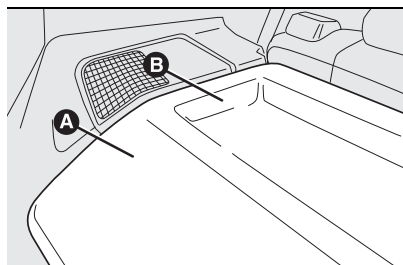
**WARNING** Pull handle (A) fig. 76 in the direction of the arrow only.

## REMOVING THE PARCEL SHELF

(Fiorino Combi and Qubo versions)

The parcel shelf fig. 77 consists of two parts. To remove it completely, proceed as follows:

□ open the rear swing doors; lift the front part (A) fig. 77 releasing the pin (A) fig. 78 from the housing (F) fig. 78;

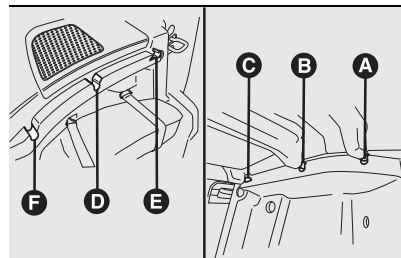


77

F0T0062

□ lift the rear part (B) fig. 77 releasing the pins (B) and (C) fig. 78 from the housing (D) and (E) fig. 78; If the seat is completely folded down, remove the parcel shelf as described and store it horizontally between the

back of the front seats and the folded rear seat.



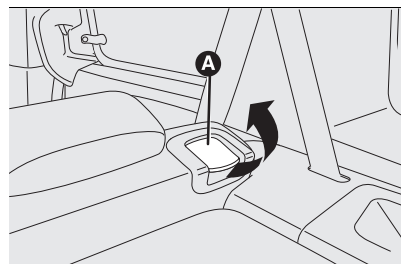
78

F0T0456

To refit the parcel shelf, follow the same procedure in reverse.

 35)

## EXTENDING THE BOOT



79

F0T0921

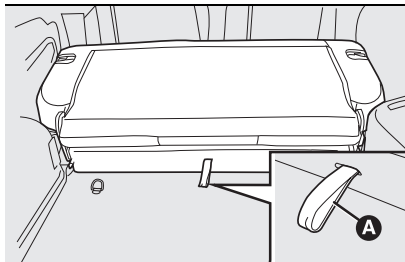
Proceed as follows:

□ open the rear doors and remove the parcel shelf (as described previously);  
□ completely lower the rear seat head restraints;



- ❑ move the seat belt to the side, making sure that it is fully extended and not twisted;
- ❑ lift backrest retainer lever (A) fig. 79 and fold the backrest forwards to obtain a flat loading area. When you lift the lever, you will see a red band.

### Versions with single rear seat

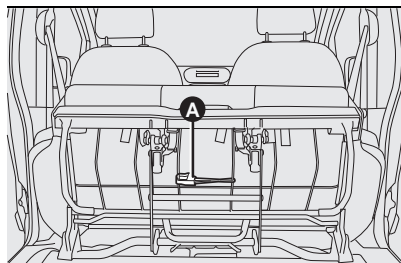


80

F0T0416

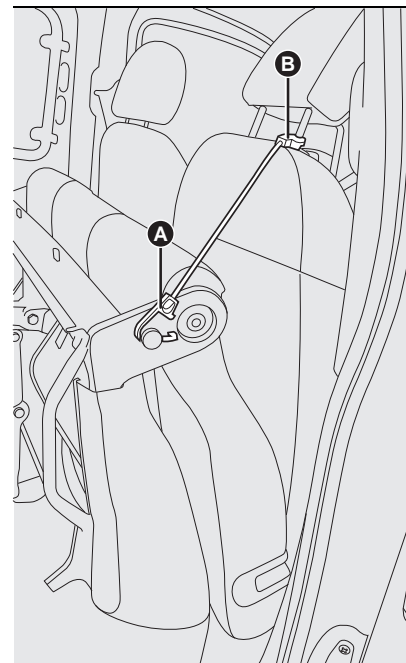
To further expand the boot, pull tab (A) fig. 80 located behind the rear backrest and tip seat and backrest forward.

Qubo versions: To fix the seat, take the red cords (A) shown in fig. 81 and fix the ends of the cords in position (A) and (B) as in fig. 82.



81

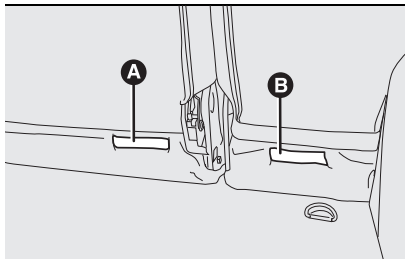
F0T0445



82

F0T0446

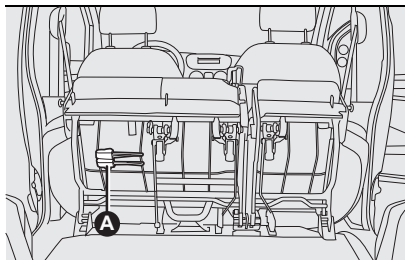
## Versions with split rear seat



83

FOT0289

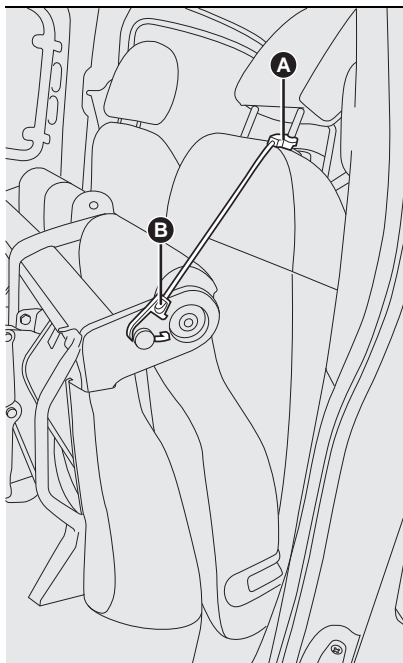
To further expand the boot, pull the tabs (A) and (B) fig. 83 located behind the backrest of the rear seats and tip seats and backrest forwards.



84

FOT0447

To fix the seat, take the red cords (A) shown in fig. 84 and fix the ends of the cords in position (A) and (B) as in fig. 85 for each of the two portions of the seat.



85

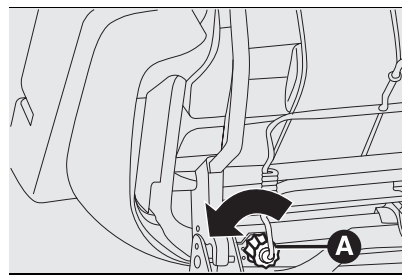
FOT0448

### Rear seat removal (Qubo versions)

The rear seat can be removed to carry large loads and expand the boot even further.

**WARNING** To remove the rear seat, first disconnect the SBR sensor connection on both the right and left sides, as shown in fig. 86. Turn the ring

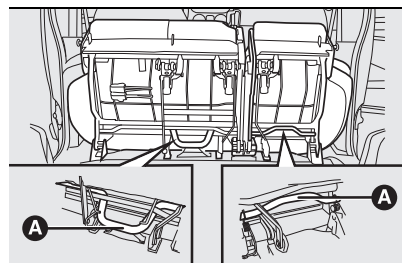
(A) anticlockwise to disconnect the connector.



86

FOT0987

Operate the two brackets (A) fig. 87 under the side of the seat (one on each side) after having tipped the rear seat as previously described.



87

FOT0455

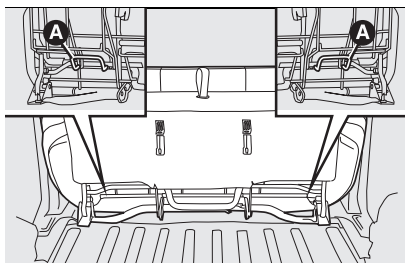
### Rear seat removal (Fiorino Combi versions)

The rear seat can be removed to carry large loads and expand the boot even further.



**WARNING** To remove the rear seat, first disconnect the SBR sensor connection on both the right and left sides, as shown in fig. 86. Turn the ring (A) anticlockwise to disconnect the connector.

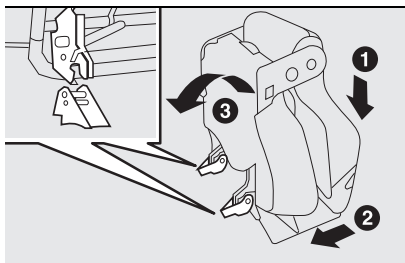
Operate the two brackets (A) fig. 88 under the side of the seat (one on each side) after having tipped the rear seat as previously described.



88

F0T0199

### Repositioning the rear seat



89

F0T0302

**WARNING** When refitting the rear seat after removal (for versions/markets where provided), take care to reconnect the SBR sensor correctly. If not, the SBR system will not warn of any unfastened seat belts on the rear seats.

Proceed as follows:

- ❑ check that the seat belt webbing is correctly inserted in the corresponding bracket;
- ❑ take the cushion back to horizontal position and check that it is secured correctly;
- ❑ tip back the backrest and check that it is secured correctly.

A pictogram fig. 89 is located under the split seat cushion showing how to secure the seat back onto the brackets screwed to the floor.

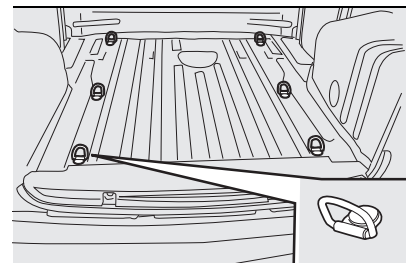
### ANCHORING YOUR LOAD

Hooks (various number, according to version) are fixed to the floor for easy securing load.

Fiorino Cargo version fig. 90;

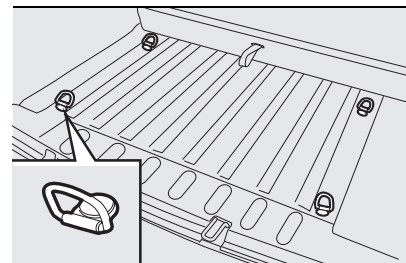
Fiorino Combi version fig. 91;

Qubo version fig. 92.



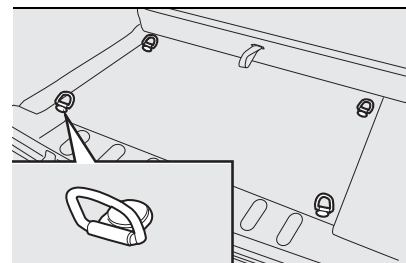
90

F0T0057



91

F0T0058



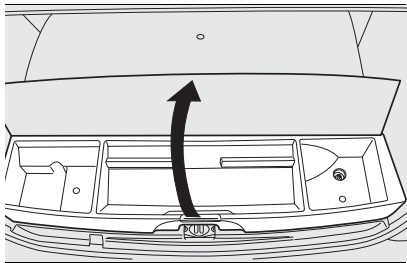
92

F0T0418

## CARGO BOX

(Natural Power versions)

The cargo Box is located in the luggage compartment and it includes different sized compartments to store all kinds of small items. To gain access to the Cargo Box follow the illustrations in fig. 93.

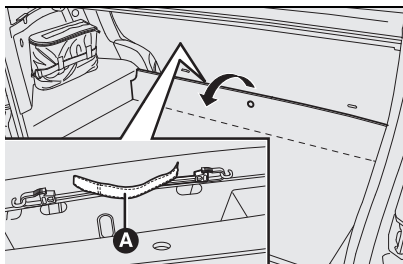


93

FOT0854

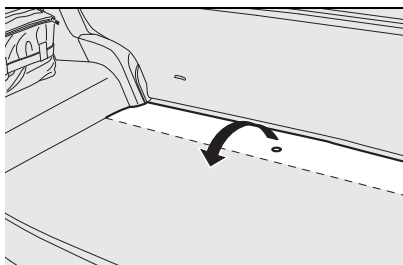
### Folding the rear seats

To fold down the rear seats, in order to find the (A) fig. 94, you need to open the cargo box as illustrated in fig. 95. We recommend you keep the cover raised in the same position also when repositioning the seat.



94

FOT0853



95

FOT0852



### WARNING

**30)** Do not try to close the tailgate by pressing on the side shock absorbers (C) fig. 70. Also be careful not to knock the side shock absorbers when you load the boot, to avoid damaging them.

**31)** If you are travelling in areas with few filling stations and you want to transport fuel in a spare tank, comply with the law by using only an approved, suitably secured tank. In the event of a collision the fire risk is increased all the same.

**32)** Never exceed the maximum allowed load in the luggage compartment, see chapter "Technical specifications". Also make sure that the objects you place in the luggage compartment have been properly secured, to avoid them from being thrown forward consequent to sudden braking and injuring your passengers.

**33)** The spring-loaded system is designed for optimum usage. Accidental knocks or a strong gust of wind may release the springs, forcing the doors to close.

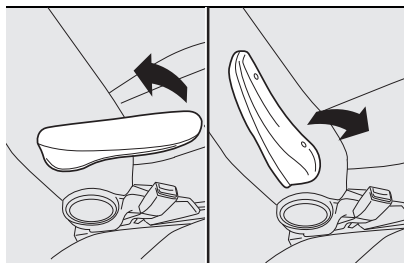
**34)** When closing, shut the right hand door (2) fig. 73 fully before you close the left hand door (1) fig. 73. Never shut the two doors at the same time.

**35)** You must not use the folded rear seat to carry luggage. The load could be thrown forward into the backrest of the front seats, seriously injuring the occupants.



**INTERIOR FITTINGS****DRIVER SIDE ARMREST**

(for versions/markets, where provided)

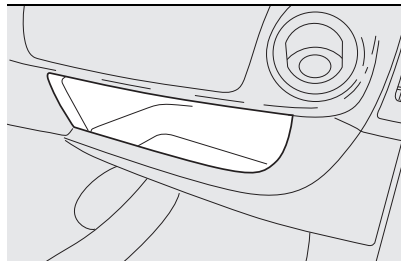


96

FOT0056

On some versions, the driver side front seat has an armrest.

Raise or lower the armrest as shown by the arrows fig. 96.

**STORAGE COMPARTMENT**

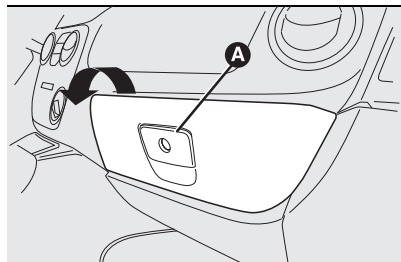
97

FOT0187

This is located in front of the passenger seat fig. 97.

**GLOVE COMPARTMENT**

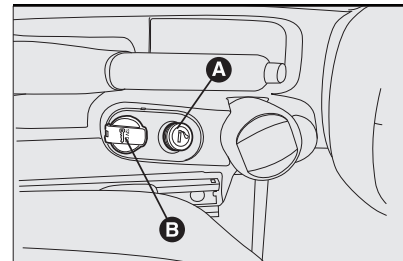
(for versions/markets, where provided)



98

FOT0069

To open it, operate handle (A) fig. 98.

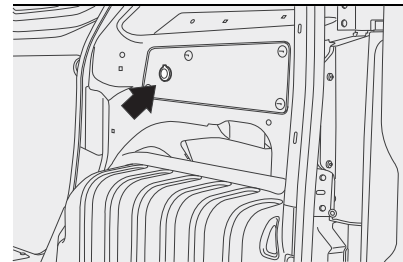
**FRONT POWER SOCKET (12V)**

99

FOT0454

This is located on the central unit fig. 99 and only works with the key at MAR.

Lift cap (B) fig. 99 to use.

**REAR POWER SOCKET (12V)**

100

FOT0406

This is located in the boot fig. 100 and only works with the key at MAR.

## CIGARETTE LIGHTER

(for versions/markets, where provided)

The cigarette lighter is positioned on the central console. Press the button (A) fig. 99 to switch on the cigar lighter with key in the MAR position.

After a few seconds the button goes back to its initial position and the cigar lighter is ready for use.

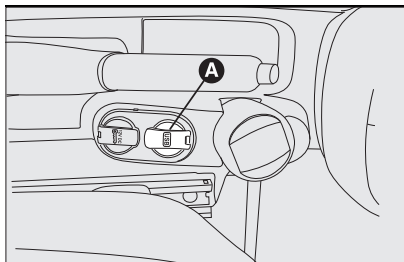
**WARNING** Always check that the cigarette lighter is switched off.



## USB PORT

(for versions/markets, where provided)

The USB port (A) fig. 101 is located in the central console in place of the cigar lighter and can be used only as a charging source for external devices.



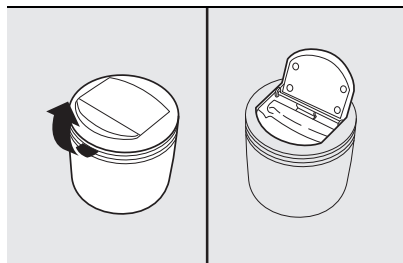
101

F0T0930

## ASHTRAY

(for versions/markets, where provided)

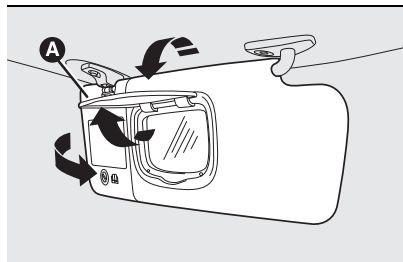
The ashtray is a removable spring-loaded plastic box that can be fitted into the cup/can holders on the central console fig. 102.



102

F0T0117

## SUN VISORS



103

F0T0188

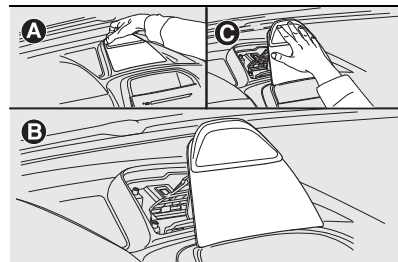
The driver and passenger sun visors fig. 103 can be moved back and forth and to the side.

There is a housing for storing tickets behind the sun visor on the driver's side.

A vanity mirror may be fitted to the passenger's sun visor on some versions.

## DOCUMENT HOLDER CLIP

(for versions/markets, where provided)



104

F0T0408

A document clip is located in the middle of the dashboard over the radio compartment. On some versions, this component may be used as a book rest fig. 104.

For using it this way:

- lift the book rest from the back as shown by the arrow (detail (A)).
- In vertical position, the book rest is in reading position (detail (B)).



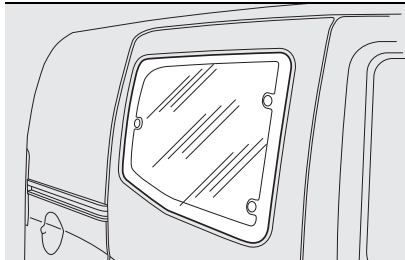
To fold the book rest back:



□ move in the reverse direction, following with your open hand until you feel the front and rear fasteners snap (detail (C)).

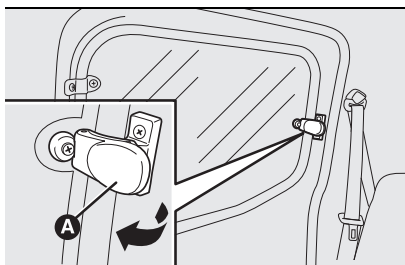
## HINGED REAR SIDE WINDOWS

(for versions/markets, where provided)



105

FOT0134



106

FOT0135

To open, proceed as follows fig. 105 and fig. 106:

□ Move lever (A) fig. 106 outwards until the window is fully open.

□ push the lever back until it locks into place.

To close them, carry out the process in reverse until the lever clicks back into its original place.

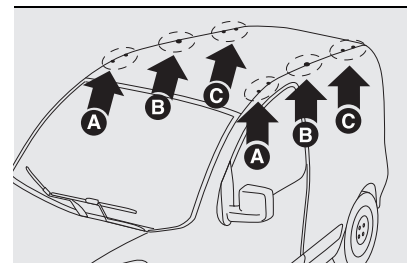


### WARNING

- 36)** Never travel with the glove compartment open: it could injure the passenger in the event of an accident.
- 37)** The cigar lighter becomes very hot. Handle it carefully and make sure children do not touch it: risk of fire and/or burning.
- 38)** Do not use the ashtray as a waste paper basket: it may catch fire in contact with cigarette stubs.
- 39)** Do not use the book rest in a vertical position with the vehicle in motion.

## ROOF RACK/SKI RACK

### FASTENERS



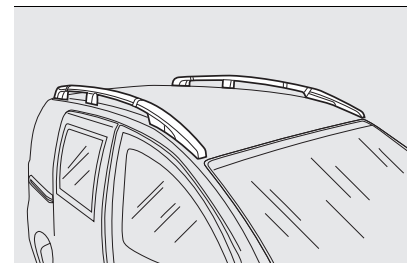
107

FOT0154

The hook provisions are located in points (A), (B), (C) fig. 107.

### LONGITUDINAL ROOF BARS

(for versions/markets, where provided)



108

FOT0176

On some versions, the vehicle has two longitudinal bars fig. 108 which, with

the addition of special accessories, can be used to carry various objects (e.g. skis, surfboards, etc.).

 40) 41)

 5) 6)

## WARNING

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

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

## IMPORTANT

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

**6)** Never exceed the maximum permitted loads; see chapter "Technical Data".

## VERSION WITH METHANE SYSTEM (Natural Power)

(for versions/markets, where provided)

 42) 43) 44)

### INTRODUCTION

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

The two systems are independent of each other and the CNG system is of the Phased Sequential Multipoint type.

The starting system is the petrol system in common to all versions.

### What is natural gas?

Natural gas is a mixture of gas used as a primary energy source.

Its main component is methane and for this reason it is usually known as "methane" in Italy but it contains small amounts of other hydrocarbons and inert gases.

It is extracted in a gaseous state and transported to where it is used through gas pipelines; world reserves are plentiful and widely distributed. Methane is a fuel with a low impact on the environment, since it significantly reduces the contribution of exhaust gases to the greenhouse effect and pollution.

## The Methane Multipoint Injection System

It is an original product of Fiat research in the field of alternative fuels, that comes from close co-operation with major suppliers in the methane sector. By adapting the sophisticated electronic control technology of petrol engines to meet the specifications of methane, it has been possible to achieve important results in terms of driveability, exhaust emissions and consumption.

With the methane Multipoint injection system, the engine features the same driveability as a petrol fuelled system. It should be borne in mind that, under all driving conditions, methane operation offers engine power and torque specifications 10% lower than with petrol operation.

**Petrol operation is therefore recommended if a lot of power is required (e.g. driving uphill with a laden car, steep hill starts).**

### Selecting the type of fuel supply

The vehicle is configured to run normally on methane.

When the methane is running out and the pressure in the cylinder is close to the correct operating limit, the



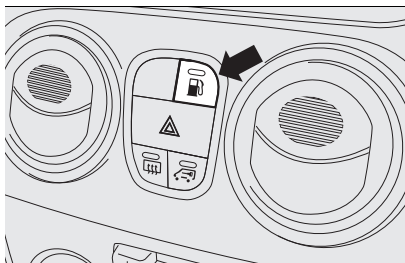
system automatically switches to petrol operation.

The engine always starts up on petrol, with automatic switching to methane when the best conditions are achieved (engine water temperature, minimum engine rpm limit) for switching to methane.

Therefore, there must always be some petrol in the tank (at least 1/4 full), in order not to compromise the operation of the fuel pump.

### For this reason there must always be petrol in the tank.

The petrol/methane switch fig. 109, amongst the controls in the dashboard, makes it possible to select petrol operation. The system does not switch automatically to methane operation if the petrol runs out.



109

FOT0848

### Passive safety

The vehicle has the same passive safety specifications as other versions.

In particular, the cylinder location and attachments are designed to pass the impact tests in accordance with Fiat safety standards. The flow of methane from the cylinders is governed by a solenoid valve that is open only during methane operation.

The solenoid valve unit includes protections against excess flows (if the high pressure system breaks, the flow of methane is restricted to values that are not dangerous), overheating (melting pad that allows the methane to drain off if the temperature exceeds 110°C) and a pressure calibrated device that intervenes if the pressure goes above 300 bar ensuring the methane escapes in a controlled manner and as quickly as possible. The solenoid valve is connected to the Fire Protection System (fuel cut-off system).

### Active safety

The vehicle has the same active safety specifications as other versions.

**WARNING** If gas is smelled, switch from methane operation to petrol operation and immediately go to a Fiat Dealership to have the vehicle checked and possible system faults excluded.



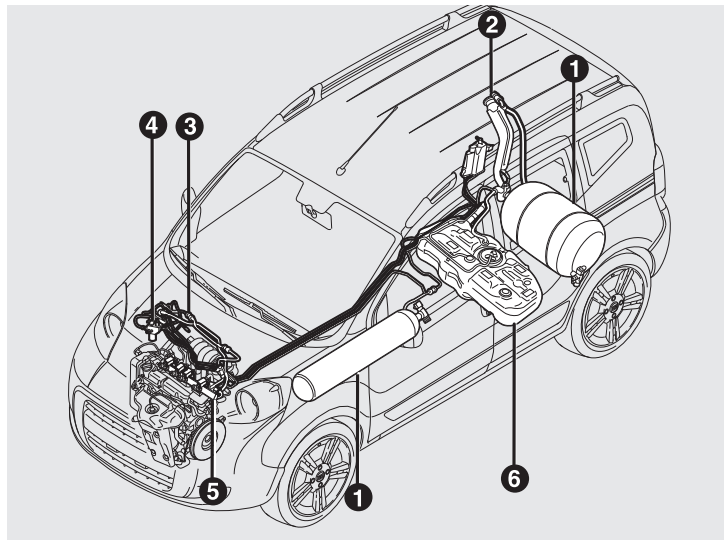
### WARNING

**42)** *The vehicle is equipped with a high-pressure methane system designed to operate at 200 rated bar. It is dangerous to stretch the system with higher pressures. To prevent damage to the methane system parts when towing or lifting the vehicle, follow the instructions shown in the "Towing the vehicle" section. If there is a problem with the methane system, only contact a Fiat Dealership. Do not modify configuration or components of the methane system; they have been designed exclusively for this vehicle. The use of other components or materials could cause malfunctions and prejudice safety.*

**43)** *When oven painting, the cylinders must be removed from the vehicle and refitted by a Fiat Dealership. Although the methane system has numerous safety features, it is advisable to close the manual tap on the cylinders whenever 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.*

**44)** *If gas is smelt, switch from methane operation to petrol operation and immediately go to a Fiat Dealerships to have the vehicle checked and possible system faults supply excluded.*

## SYSTEM FUNCTIONAL DIAGRAM



110

F0T0344

1. Methane cylinders
2. Methane filler
3. Methane pipes
4. Pressure regulator/reduction unit
5. Methane injector holder manifold
6. Petrol tank

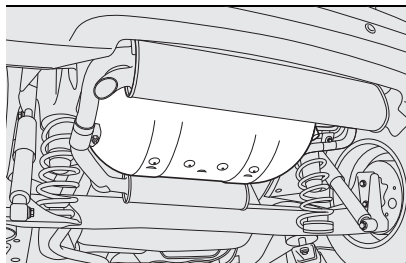


## CYLINDERS

The vehicle has two cylinders (total capacity about 77 litres) located under the floor and protected by two special guards.

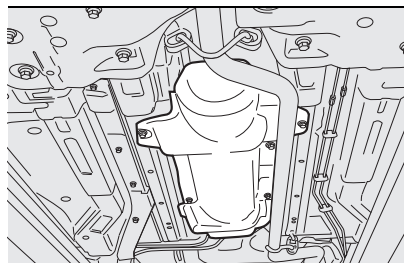
The cylinders fig. 111 and fig. 112 are the tank that contains methane in compressed gaseous state (200 rated bar at 15°C).

The methane, stored in the canisters at high pressure, flows through a dedicated pipe to reach the pressure regulator/reduction unit which supplies the 4 methane injectors at low pressure (about 6 bar).



111

FOT0345



112

FOT0356

### 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 other plates provided by the Dealership with the vehicle documents show the date when the first cylinder inspection/test is due.

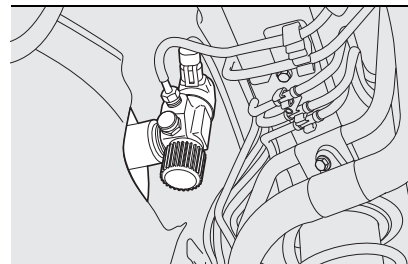
**Methane refuelling stations are not authorised to refill the cylinders when the inspection date has expired.**

**IMPORTANT** If the vehicle has been registered in a country other than Italy, the certification and identification data and the control / inspection procedures for the

methane cylinders comply with the legislation in that country. In any case, it should be remembered that the life of the cylinders is 20 years from the production date as set out in ECE Regulation no. 110.

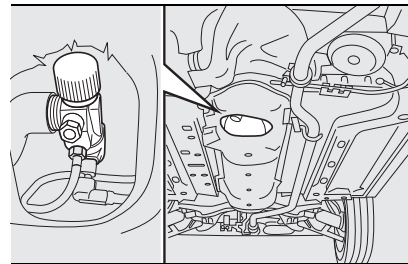
## SOLENOID VALVES / SAFETY DEVICES

The solenoid valves fig. 113 and fig. 114 are screwed directly onto the methane cylinders: their main function is to interrupt the flow of methane to the supply circuit.



113

FOT0347



114

FOT0348

The solenoid valves are open when:

- the switching button is in the methane position;
- the pressure in the cylinder is sufficient for operation;
- the engine is running;

The solenoid valve assembly is equipped with the following safety devices:

**1) Fuse pad:** in the event of overheating (temperature above 110 °C), it totally eliminates the danger of excess pressure making the methane in the cylinder flow out as quickly as possible in a controlled manner.

**2) Mechanical excess pressure device (Burst Disk):** in the event of excess pressure (above 330 bar), it ensures that the methane escapes as quickly as possible in a controlled manner.

**3) Excess flow device:** intervenes if the pipes break and limits the flow of methane exiting to non dangerous levels.

The flow restrictor valve is located to allow it to operate even if the solenoid valve casing is broken due to an impact.

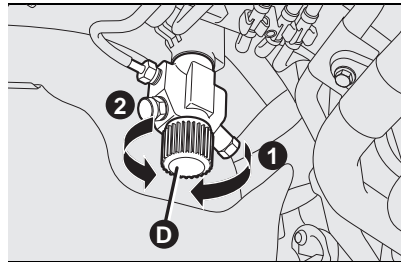
**4) Manual tap:** positioned upstream of the solenoid valve.

This separates the cylinder from the methane system to allow maintenance operations.

The taps are accessible from outside the vehicle and are located, in the case of the lengthwise middle cylinder, at the rear of the cylinder and, in the case of the transverse rear cylinder, towards the wheel right side.

To close the taps (D) fig. 115: turn the knob in the direction (1) shown by the arrow (clockwise OFF).

To open the taps (D) fig. 115: turn the knob in the direction (2) shown by the arrow (anticlockwise ON).



115

F0T0849

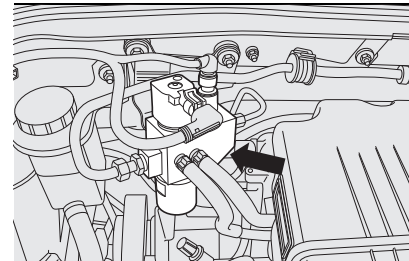
**5) Check valve,** this prevents the methane from flowing back to the filler.

## PIPES

The methane piping from the filler to the pressure regulator/reduction unit is made from galvanised steel and covered in plastic (high pressure) and is located outside the passenger compartment; the piping from the pressure regulator/reduction unit to the methane injectors is in stainless steel.

## PRESSURE REGULATOR/REDUCTION UNIT

The pressure reduction unit fig. 116 is installed in the engine compartment. It reduces the pressure of the methane from the value in the cylinder to the supply value for the methane injectors (about 6 bar) and keeps it constant in all operating conditions.



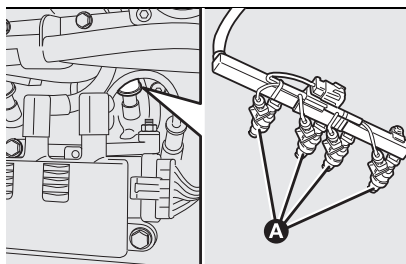
116

F0T0350



### METHANE INJECTORS


There are four dedicated Methane gas injectors (A) fig. 117, fitted on the intake manifold near the cylinder head, one for each intake duct; they are supplied at a constant pressure (about 6 bar) and operated by the electronic control unit.



117

FOT0851

### PETROL/METHANE SWITCH

This engine normally runs on methane except during starting when it runs on petrol. Switching to methane takes place automatically and is shown on the instrument panel display by switching off the  signal in the display.



### METHANE FUEL RESERVE


The level of methane in the cylinders is indicated by the four vertical bars near the word CNG on the instrument panel display fig. 118. When the residual amount of methane is lower than 1/5

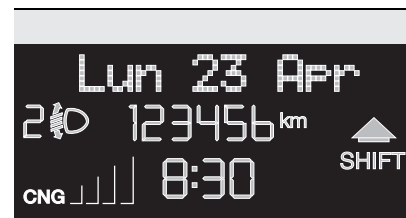
of the capacity of the cylinders, the first level and the edges of the bars of the other 3 levels flash until the next methane refuelling. A specific message will appear on the display in addition to an acoustic warning.



118

FOT0462

If the methane has run out, switching to petrol takes place automatically. In this case, the display shows the  icon just above the CNG wording and all the bars of the edges for the empty notches light up constantly, regardless of the type of supply; see fig. 119 or fig. 120.



119

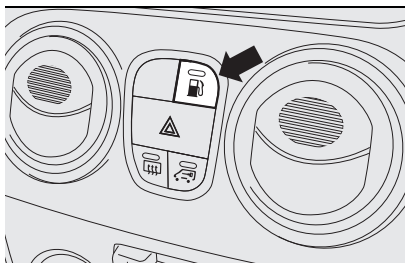
FOT0382



120


FOT0383

If you want the car to run on petrol, press the button fig. 121 located between the controls in the dashboard. The LED on the button switching on indicates that the request for switching has taken place correctly.



121

F0T0343

The actual change to the chosen fuel system takes place depending on the vehicle usage conditions to guarantee switching in absolute safety and will be confirmed by the  warning light in the instrument panel display coming on/going off.

**Manual switching of the operating mode from petrol to methane and vice versa only occurs if the engine speed is below 2000 rpm.**



In addition, in the case of starting at outside temperatures of below around -10°C, the switching times from Petrol to Methane increase to allow the pressure regulator/reduction unit to become warm enough.

**WARNING** If switching takes place during acceleration or pick-up, there may be a brief flat spot (drop in power).



## CNG SYSTEM FAILURE

In case of CNG system failure, all the CNG fuel levels will turn off on the display and the symbol "!" will appear together with a dedicated message. In this case, contact a Fiat Dealership as quickly as possible.



## IMPORTANT

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

**8)** *When switching is requested, metallic noise from the valves which pressurise the circuit can be heard. For the switching logic described above, a delay between the valve ticking and the switching off the indication on the instrument panel display.*

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

## PROTECTING THE ENVIRONMENT

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

- three-way catalytic converter
- Lambda sensors
- evaporation control system.

In addition, do not let the engine run, even for a test, with one or more spark plugs disconnected.

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

- oxidising catalytic converter;
- exhaust gas recirculation system (EGR);
- particulate filter (DPF) (for versions/markets, where provided).

## DIESEL PARTICULATE FILTER (DPF)

(for versions/markets, where provided)

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

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

During normal use of the vehicle, the Powertrain Control Module records a set of data (travel time, type of route, temperatures reached etc.) and



calculates how much particulate has been trapped by the filter.

Since this filter physically traps particulate, it should be regenerated (cleaned) at regular intervals by burning carbon particles. The regeneration procedure is controlled automatically by the Powertrain Control Module according to the filter conditions and vehicle usage conditions.

During regeneration, the following may occur: a limited increase in the engine speed, activation of the fan, a limited increase in fumes and high temperatures at the exhaust.

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

# KNOWING THE INSTRUMENT PANEL



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

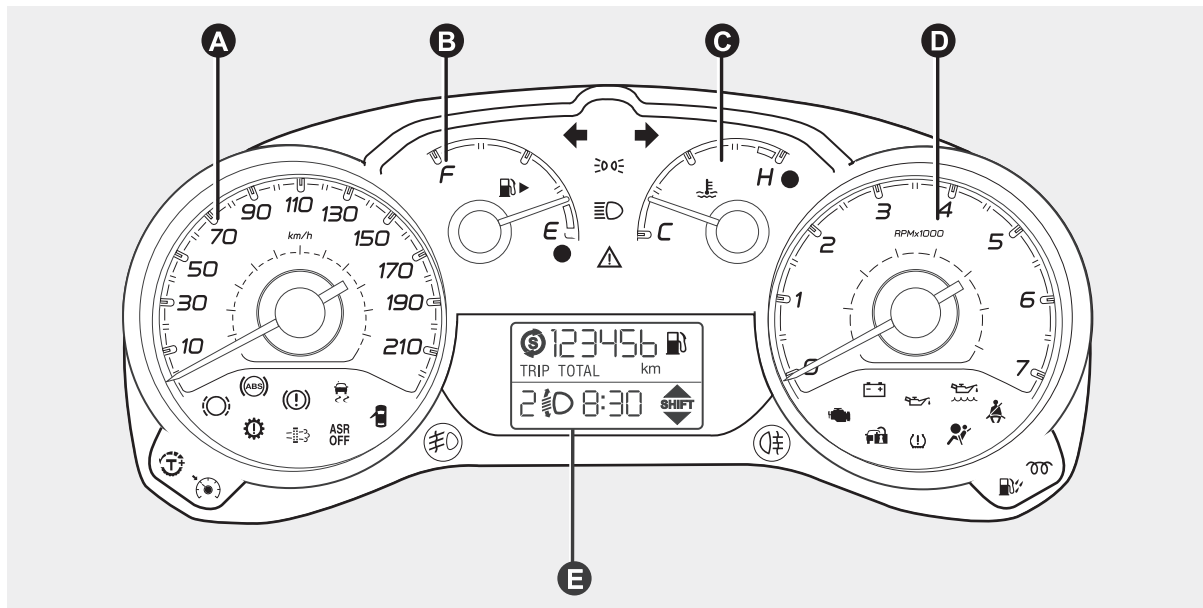
DASHBOARD AND INSTRUMENT PANEL.....	64
DIGITAL DISPLAY .....	69
MULTIFUNCTION DISPLAY .....	72
TRIP COMPUTER .....	78
EOBD SYSTEM .....	79
WARNING LIGHTS AND MESSAGES .....	81



## DASHBOARD AND INSTRUMENT PANEL

### Versions with digital display

Warning lights  and  are available on diesel versions only.





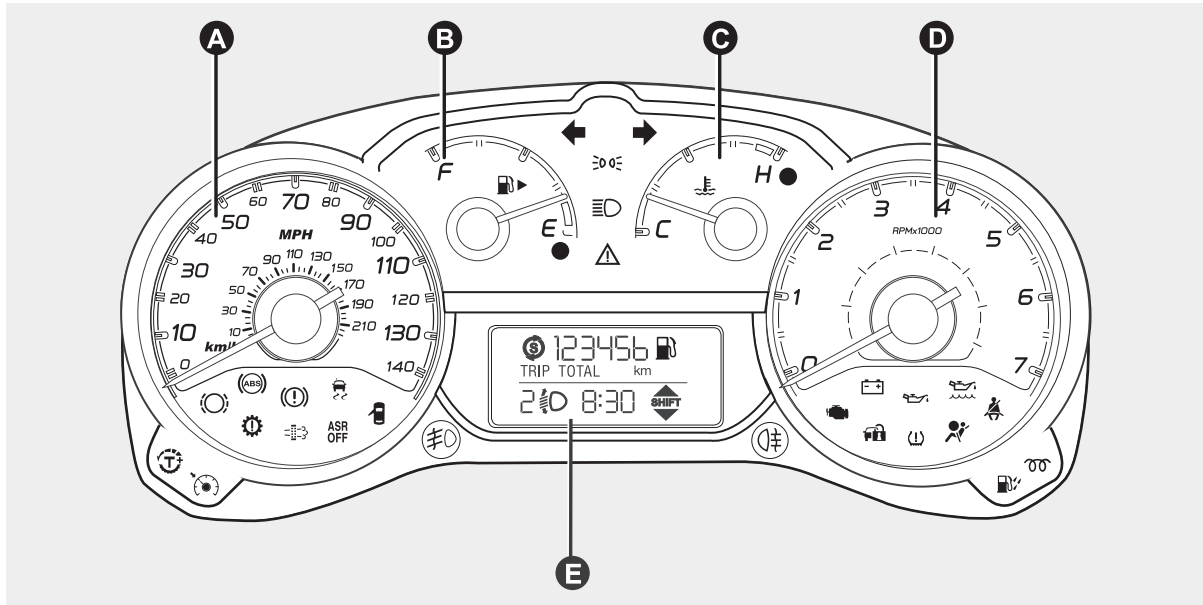
122

FOT0807

A. Speedometer B. Fuel level gauge with reserve warning light C. Engine coolant temperature indicator with overheating warning light D. Rev counter E. Digital display

## Versions with digital display

Warning lights  and  are available on diesel versions only.




123

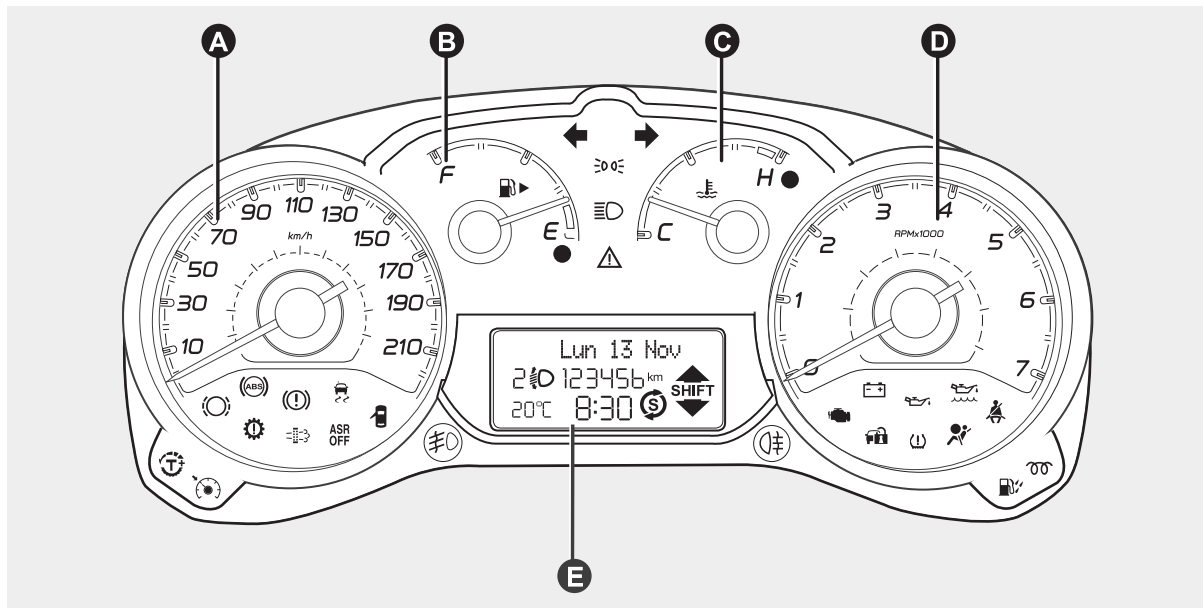
F0T0808

A. Speedometer B. Fuel level gauge with reserve warning light C. Engine coolant temperature indicator with overheating warning light D. Rev counter E. Digital display



### Versions with multifunction display

Warning lights  and  are available on diesel versions only.




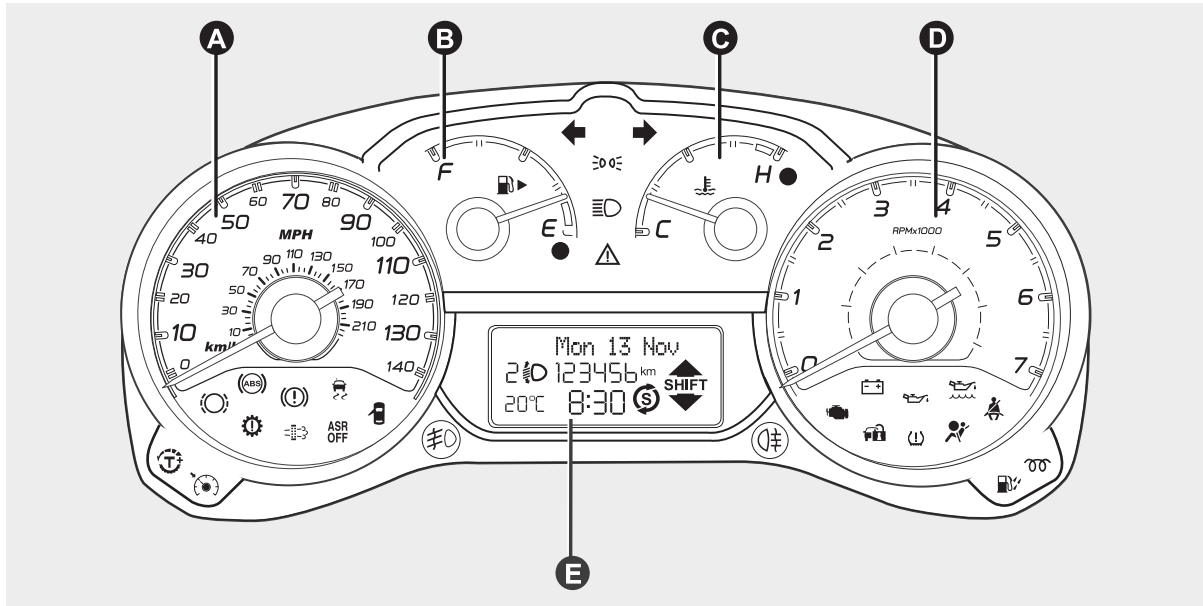
124

F0T0809

A. Speedometer B. Fuel level gauge with reserve warning light C. Engine coolant temperature indicator with overheating warning light D. Rev counter E. Multifunction display

## Versions with multifunction display

Warning lights  and  are available on diesel versions only.



125

F0T0810

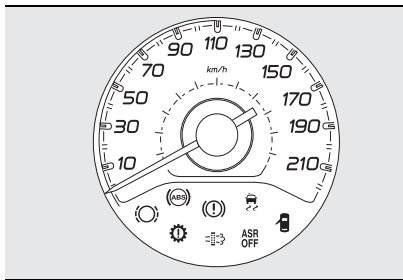
A. Speedometer B. Fuel level gauge with reserve warning light C. Engine coolant temperature indicator with overheating warning light D. Rev counter E. Multifunction display



The instrument background colour and type may vary according to the versions.

### SPEEDOMETER

Indicates vehicle speed.



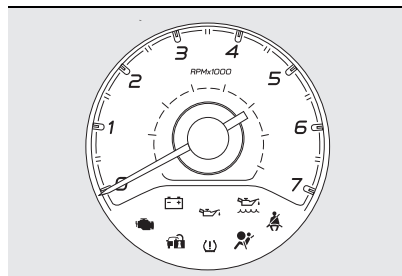
126

FOT0804

### REV COUNTER

The rev counter shows the number of engine revolutions per minute.

**WARNING** The electronic injection control system gradually shuts off the flow of fuel when the engine is over-revving, resulting in a gradual loss of engine power. When the engine is idling, the rev counter may indicate a gradual or sudden increase of the speed.



127

FOT0805

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

### FUEL LEVEL GAUGE

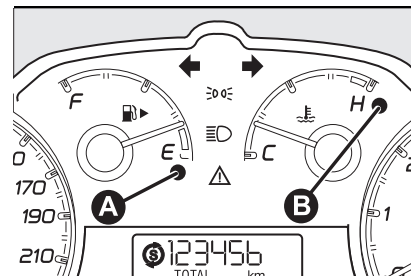
This shows the amount of fuel left in the fuel tank.

Warning light (A) fig. 128 comes on to indicate that approximately 6-7 litres of fuel are left in the tank.

(E) - tank empty.

(F) - tank full (see the description in paragraph "Vehicle refuelling" in this chapter).

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



128

FOT0806

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

### ENGINE COOLANT TEMPERATURE INDICATOR

This shows the temperature of the engine coolant fluid and starts working when the fluid temperature exceeds approx. 50°C. In normal use, the needle could assume different positions within the scale, depending on the usage conditions.

(C) - Low engine coolant temperature.

(H) - High engine coolant temperature.

Warning light (B) fig. 128 may switch on (together with a message on the display) to indicate that the coolant temperature is too high; in this case,

stop the engine and contact a Fiat Dealership.



## IMPORTANT

**10)** If the needle for the engine coolant temperature reaches the red area, stop the engine immediately and contact a Fiat Dealership.

## DIGITAL DISPLAY

### STANDARD SCREEN

The standard screen fig. 129 shows the following information:

**A** Headlamp alignment position (only with dipped headlamps on).

**B** Milometer (display of kilometres, or miles, travelled).

**C** Time.

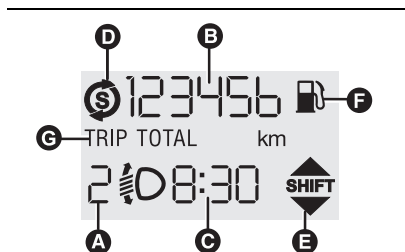
**D** START&STOP function indicator (for versions/markets where provided)

**E** Gear Shift Indication (for versions/markets, where provided).

**F** Petrol operation (Natural Power versions).

**G** Trip computer data.

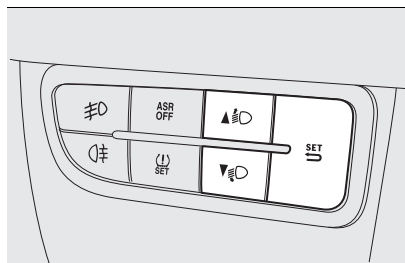
**Note** With key removed (when opening at least one of the front doors) the display turns on and shows the time and distance covered for a few seconds.



129

F0T0811

### CONTROL BUTTONS



130

F0T0600

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

**SET** Press briefly to access the menu and/or go to next screen or confirm the selection. Hold down to go back to the standard screen.

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

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

### Headlight alignment adjustment

With the dipped beam headlights on, press button **▲** or **▼** to adjust headlight alignment.

### Setup menu

**▲** within the menu, they allow you to scroll up or down through the options; **▼** to increase or decrease values during settings.

### SETUP MENU

#### Setup menu functions

The menu comprises a series of functions arranged in a "circular way", which can be selected through the **▲** and **▼** buttons to access the different selection operations and settings (setup) given in the following paragraphs.

The menu can be activated by pressing the **SET** button briefly.

Single presses on the **▲** and **▼** buttons will scroll the setup menu options.





Management modes differ according to the characteristic of the option selected.

The menu includes the following items:







- ILLU
- SPEED
- Hour
- bUZZ
- Unit
- BAG P (for versions/markets, where provided)


*Selecting a menu option*


- press the **SET**  button briefly to select the menu setting you wish to change;
- press the  and  buttons (with single presses) to select the new setting;
- press the **SET**  button briefly to store the new setting and at the same time go back to the previously selected menu option.


*Selecting "Set Clock"*



- press the **SET**  button briefly to select the first value to change (hours);
- press the  and  buttons (with single presses) to select the new setting;
- press the **SET**  button briefly to store the new setting and at the same time go to the next set-up menu option (minutes);
- after setting the values with the same procedure, go back to the previous menu item.

*Hold the **SET** button pressed* 

- quit the set up menu if you are in the menu;
- quit the displayed menu if you are setting an option;
- save only the changes already stored by the user (and confirmed by pressing the **SET**  button).

The set-up menu page is timed. When the menu is exited due to expiry of the time allowed, only the changes already stored by the user (and confirmed by pressing the **SET**  button briefly) will be saved.

From the standard screen, press the **SET**  button briefly to start browsing.





Press  or  to browse within the menu.

**Note** Only the short menu can be accessed while the vehicle is moving for reasons of safety ("SPEED" setting). Stop the vehicle to access the full menu.

**Adjusting the vehicle interior lighting (ILLU)**

This function is available with the dipped beam headlights on to adjust brightness of the instrument panel, buttons and radio display.







Proceed as follows to adjust the light intensity:





- press the **SET**  button briefly: the display will show the wording ILLU;
- press button  and  to set the required brightness level;
- press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.

**Setting a speed limit (SPEED)**

This function is used to set a speed limit (km/h or mph); the driver is alerted when this limit is exceeded (see "Warning lights and messages" in the "Knowing the instrument panel" chapter).


To set the desired speed limit, proceed as follows:

- the **SET**  button briefly: the display will show the wording (SPEED) and the unit (km/h) or (mph) previously set;
- press  or  to select speed limit activation (On) or deactivation (Off);
- if the function is On, press  or  to select the required speed limit and then press **SET**  to confirm;

**Nota** The speed may be set in the range from 30 to 200 km/h, or from 20 to 125 mph according to the previously chosen unit (see "Setting the unit of measurement" below). The setting will increase/decrease by five units each time the  /  button is pressed. Hold down the  /  button to


automatically increase/decrease the setting rapidly.


Complete the adjustment with single presses of the button when you approach the desired value.

□ press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.

To cancel the setting, proceed as follows:

□ briefly press the **SET**  button briefly to make the display flash (On);

□ press : (Off) will flash on the display;

□ press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.

### Setting the clock (Hour);

With this function, it is possible to set the time.

To adjust, proceed as follows:

□ press the **SET**  button briefly: "hours" starts flashing on the display;

□ press the  or  button to make the adjustment;




□ briefly press the **SET**  button: "minutes" starts flashing on the display;

□ press the  or  button to make the adjustment;


□ press the **SET**  button briefly to return to the menu screen or hold



the button down to go back to the standard screen without saving.


### Adjusting the buzzer volume (bUZZ)

This function is used to adjust the volume of the acoustic signal (buzzer) that sounds in the event of failure/warning indications and when the **SET** ,  and  buttons are pressed.

To set the desired volume, proceed as follows:

□ press the **SET**  button briefly: the display will show the wording (bUZZ)


□ - press  or  to select the required volume (adjustable over 8 levels).

□ press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.


### Setting the distance unit (Unit)

This function is used to set the unit of measurement.

To adjust, proceed as follows:

□ press the **SET**  button briefly: the display will show the wording (Unit) and the previously set unit (km) or (mi);





□ press  or  to select the required unit.

□ press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.



### Passenger front airbag and chest-pelvis side bag activation/deactivation (Bag P) (for versions/markets, where provided)


This function is used to activate/deactivate the front passenger airbag.

Proceed as follows fig. 131:

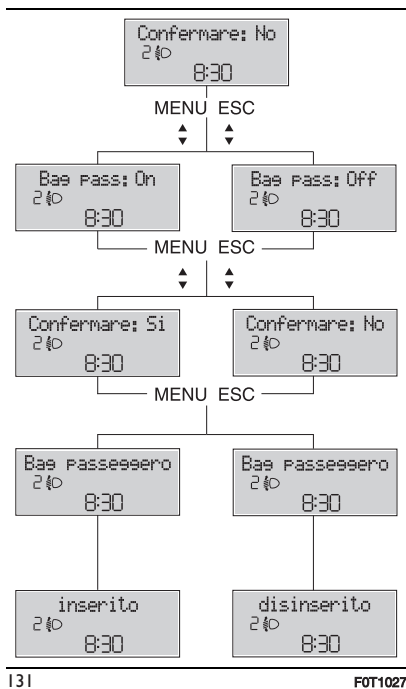
□ press the **SET**  button and, after the message BAG P OFF (to deactivate) or BAG P On (to activate) is displayed by pressing buttons  or , press **SET**  again;

□ a confirmation request message will appear on the display;

□ press buttons  or  to select (YES) (confirming activation/deactivation) or (no) (to abort);

□ briefly press the **SET**  button: a message confirming the selection will be displayed and you will return to the menu screen or, pressing the button for longer, you will return to the standard screen without saving.





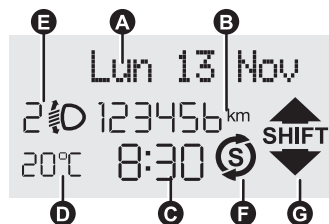
131

FOT1027

## MULTIFUNCTION DISPLAY

The vehicle may be equipped with a multifunction display that gives the driver useful information depending on the previous settings.

### STANDARD SCREEN



132

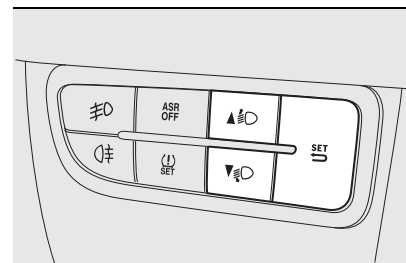
FOT0812

The standard screen fig. 132 shows the following information:

- A** Date.
- B** Milometer (display of kilometres, or miles, travelled).
- C** Time.
- D** Outside temperature.
- E** Headlamp alignment position (only with dipped headlamps on).
- F** START&STOP function indicator (for versions/markets where provided).
- G** Gear Shift Indication (for versions/markets, where provided).

**Note** When opening one of the front doors, the display turns on and shows the time and the kilometres (or miles) covered for a few seconds.

### CONTROL BUTTONS



133

FOT0500

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

**SET** Press briefly to access the menu and/or go to next screen or confirm the selection. Hold down to go back to the standard screen.

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

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

#### Headlight alignment adjustment



□ the dipped beam headlights on, press button ▲ or ▼ to adjust headlight alignment.




## Setup menu

- within the menu, they allow you to scroll up or down through the options;
- to increase or decrease values during settings.

## SETUP MENU

### Setup menu functions

The menu comprises a series of functions arranged in a "circular way", which can be selected through the ▲ and ▼ buttons to access the different selection operations and settings (setup) given in the following paragraphs. A submenu is provided for some items (Set time and Units).

The set-up menu is activated by pressing the **SET**  button briefly. Press buttons ▲ or ▼ to scroll the setup menu options.





Operating modes are different according to the characteristics of the option selected.

The menu includes the following items:







- DIMMER
- SPEED BUZZER
- TRIP B DATA
- SET TIME
- SET DATE
- SEE RADIO
- AUTOCLOSE
- UNITS OF MEASUREMENT


- LANGUAGE
- WARNINGS VOLUME
- BUZZER VOLUME
- SEAT BELT REMINDER
- SERVICE
- PASSENGER AIRBAG
- EXIT MENU

*Selecting an item from the main menu without a submenu:*


- briefly press the **SET**  button to select the main menu setting you wish to change;
- press ▲ or ▼ (with single presses) to select the new setting;
- press the **SET**  button briefly to store the new setting and at the same time go back to the previously selected main menu option.




*Selecting an option from the main menu with a submenu:*

- press the **SET**  button briefly to display the first submenu option;
- press ▲ or ▼ (with single presses) to scroll all the submenu options;
- press the **SET**  button briefly to select the displayed submenu option and to open the relevant settings menu;
- press ▲ or ▼ (with single presses) to select the new setting for this submenu option;


- press the **SET**  button briefly to store the new setting and at the same time go back to the previously selected submenu option.

*Selecting "Date" and "Set Clock":*

- briefly press the **SET**  button to select the first value to be changed (e.g. hours / minutes or year / month / day).


- press ▲ or ▼ (with single presses) to select the new setting;
- press the **SET**  button briefly to store the new setting and at the same time go to the next set-up menu option. If the processed option is the last one, the system brings you back to the previously selected option of the menu.


*Hold the **SET**  button pressed:*

- exit the set-up menu if you are in the main menu;
- exit the main menu if you are in another point of the menu (e.g.: at submenu option setting level, at submenu level or at main menu option setting level);
- save only the changes already stored by the user (and confirmed by pressing the **SET**  button).

The set-up menu page is timed. When the menu is exited due to the expiry of the time allowed, only the changes already stored by the user (and



confirmed by pressing the **SET**  button briefly) will be saved.

From the standard screen, press the **SET**  button briefly to start browsing.







Press   or   to browse within the menu.

**Not.** Only the short menu may be accessed for reasons of safety while the vehicle is moving ("Speed Buzzer" setting). Stop the vehicle to access the full menu.

### Adjusting the vehicle interior lighting

This function is available with the dipped beam headlights on to adjust brightness of the instrument panel, buttons and radio display.

Proceed as follows to adjust the light intensity:











- press the **SET**  button briefly to make the display flash the previously set level;
- press button   or   to set the required brightness level;
- press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.









### Speed limit (Speed Beep)


This function is used to set a vehicle speed limit (km/h or mph); the driver is alerted when this limit is exceeded





(see "Warning lights and messages" in the "Knowing the instrument panel" chapter).

To set the desired speed limit, proceed as follows:

- briefly press the **SET**  button: the display will show the wording (Speed Beep);
- press button   or   to select speed limit activation (On) or deactivation (Off);
- if the function is On, press   or   to select the required speed limit and then press **SET**  button to confirm.

**Note** The speed may be set anywhere between 30 and 200 km/h or 20 and 125 mph, depending on the previously chosen unit, see the "Setting the unit of measurement (Units)" paragraph. The setting will increase/decrease by 5 units each time button   /   is pressed. Hold down the   /   button to automatically increase/decrease the setting rapidly. Complete the adjustment with single presses of the button when you approach the desired value.





- press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.
- To cancel the setting, proceed as follows:

- briefly press the **SET**  button briefly to make the display flash (On);
- press  : (Off) will flash on the display;
- press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.

### Trip B On/Off (Trip B data)

This function can be used to activate (On) or deactivate (Off) the Trip B display (partial trip). For more information see the "Trip computer" paragraph.
























Proceed as follows to switch the function on/off:

- press the button press the button **SET**  button briefly to make the display flash On or Off depending on the previous setting;
- press   or   to make your choice;
- press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.

### Setting the clock (Set time)
















This function allows the adjustment of the clock through two submenus: Time and Format.





To carry out the adjustment, proceed as follows:

- briefly press the **SET**  button and the two submenus "Time" and "Format" will be displayed;
  - press the   or   button to switch between the two submenus;
  - you have selected the submenu to be changed, press the **SET**  button briefly;
  - when you select "Time", pressing the **SET**  button briefly makes the "hours" flash on the display;
  - press the   or   button to make the adjustment;
  - briefly press the **SET**  button: "minutes" starts flashing on the display;
  - press the   or   button to make the adjustment;
  - when you select "Format", pressing the **SET**  button briefly makes the display mode flash on the display;
  - press the   or   button to carry out the selection in 24h or 12h mode.
- When you have made the required settings, press the **SET**  button briefly to go back to the submenu screen or hold the button down to go back to the main menu screen without saving.
- press the **SET**  button down again to return to the standard screen or to the main menu according to where you are in the menu.


### Setting the date (Set Date)

This function allows updating of the date (day - month - year).

- briefly press the **SET**  button: "day" (dd) starts flashing on the display;
- press the   or   button to make the adjustment;
- briefly press the **SET**  button: "month" starts flashing on the display (mm);
- press the   or   button to make the adjustment;
- briefly press the **SET**  button: "year" starts flashing on the display (yyyy);
- press the button   or   to make the adjustment.

**Note** The setting will increase or decrease by one unit each time the   or   button is pressed. Keeping the button pressed causes an automatic rapid value increase/decrease.







Complete the adjustment with single presses of the button when you approach the desired value.

- press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.

### Audio information (See radio)

This function is used to display radio information.







- Radio: selected radio station frequency or RDS message, automatic tuning activation or AutoStore;
  - Audio CD, MP3 CDs: track number;
  - CD Changer: CD number and track number;
- To show the sound system information on the display (On) or clear it (Off), proceed as follows:

- briefly press the **SET**  button to make the display flash On or Off depending on the previous setting;
- press   or   to make your choice;
- press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.



### Automatic central locking with vehicle moving (Autoclose)

After activation (On), this function allows the automatic locking of the doors when the speed exceeds 20 km/h.

Proceed as follows to activate (On) or deactivate (Off) this function:

- briefly press the **SET**  button to display a submenu;
- briefly press the **SET**  button to make the display flash On or Off depending on the previous setting;
- press   or   to make your choice;















- briefly press the **SET**  button to return to the submenu screen or hold the button down to return to the main menu screen without saving;
- press the **SET**  button down again to return to the standard screen or to the main menu according to where you are in the menu.

### Setting the unit of measurement

This function allows the setting of a unit of measurement via three submenus: Distance, Consumption and Temperature.






To set the desired unit of measurement, proceed as follows:

- briefly press the **SET**  button to display the three submenus;
- press the   or   button to navigate through the three submenus;
- after you have selected the submenu to be changed, press the **SET**  button briefly;
- when you enter the "Distance" submenu, pressing the **SET**  button briefly makes the display show "km" or "mi" (depending on the previous setting);
- press   or   to make your choice;
- when you enter the "Fuel Consumption" submenu, pressing the **SET**  button briefly makes the display show "km/l", "l/100km" or


"mpg" (depending on the previous setting);

If the set distance unit is "km", the display enables setting of the fuel consumption unit (km/l or l/100km).

If the set distance unit is "mi", the display shows the amount of fuel consumed in "mpg".

- press   or   to make your choice;
- when you enter the "Temperature" submenu: briefly pressing the **SET**  button makes the display show "°C" or "°F" (depending on the previous setting);

- press   or   to make your choice;


When you have made the required settings, press the **SET**  button briefly to go back to the submenu screen or hold the button down to go back to the main menu screen without saving.

- press the **SET**  button down again to return to the standard screen or to the main menu according to where you are in the menu.


### Selecting the language (Language)

Messages on the display can be shown in the following languages: Italian, German, English, Spanish, French, Portuguese, Turkish and Dutch.

To set the desired language, proceed as follows:

- briefly press the **SET**  button : the previously set "language" starts flashing on the display;

- press   or   to make your choice;

- press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.


### Adjust the failure/warning buzzer volume (Buzzer Volume)

With this function the volume of the buzzer which accompanies the display of any failure/warning can be adjusted according to 8 levels.

To set the desired volume, proceed as follows:



- briefly press the **SET**  button: the previously set volume "level" starts flashing;

- press the   or   button to make the adjustment;

- press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.

### Adjusting the button volume (Button Vol.)


This function is used to set the volume of the acoustic signal accompanying

the activation of the **SET** ,  and  buttons through 8 levels.

To set the desired volume, proceed as follows:

briefly press the **SET**  button: the previously set volume "level" starts flashing;

press the  or  button to make the adjustment;

press the **SET**  button briefly to return to the menu screen or hold the button down to go back to the standard screen without saving.


### Reactivation of buzzer for S.B.R. signal (Belt buzzer)

This function can be displayed only after a Fiat Dealership has deactivated the SBR system (see "SBR system" in the "Safety" section).

### Scheduled Servicing (Service)

Using this function you can display information about the mileage intervals for vehicle servicing.

To consult the information, proceed as follows:

briefly press the **SET**  button: the display will show when servicing is due in km or mi according to the previous setting (see paragraph "Units of measurement");

briefly press the **SET**  button to go back to the menu screen or hold

the button down to go back to the standard screen.

**Note** The "Scheduled Servicing Plan" includes vehicle maintenance at fixed intervals; refer to the "Maintenance and care" chapter. The indication of the "Service" function will appear automatically, with the key in MAR position, starting from 2,000 km (or 1,240 mi) and will be displayed every 200 km (or 124 mi).

Below 200 km servicing indications are more frequent. The display will be in km or miles according to the unit of measurement set. When the next service is close, when the ignition is turned ON the word "Service" appears in the display followed by the remaining number of kilometres/miles.


Go to a Fiat Dealership, where the "Scheduled Service Plan" operations will be performed and the message will be reset.




### Passenger front airbag and chest-pelvis side bag activation/deactivation

(for versions/markets, where provided)



This function allows the passenger side airbag to be activated/deactivated.


Proceed as follows:

press the **SET**  button and, after the display shows the Bag pass: Off) (to deactivate) or the message

(Passenger Bag: On) (to activate) by pressing  or , press the **SET**  button once again);

a confirmation request message will appear on the display;


use the  or  menu buttons to select (Yes) (to confirm the activation/deactivation) or (No) (to cancel);

briefly press the **SET**  button: a message confirming the selection will be displayed and you will return to the menu screen or, pressing the button for longer, you will return to the standard screen without saving.

### Exit Menu

This is the last function that closes the cycle of settings listed in the menu screen.

Press the **SET**  button briefly to go back to the display to the standard screen without saving.

Press  to return to the first menu option (Speed Beep).



## TRIP COMPUTER

### General information

The Trip computer is used to display information on vehicle operation when the ignition key is turned to MAR.

This function allows you to define two separate trips, called "Trip A" and "Trip B", for monitoring the "complete mission" (journey) of the vehicle in a reciprocally independent manner. Both functions can be reset (reset means start of a new journey).

"Trip A" can be used to display the values relating to:

- External temperature
- Range
- Travel Distance
- Average fuel consumption
- Current Consumption
- Average Speed
- Trip time (driving time).

"Trip B", available on multifunction display only, is used to display the values relating to:

- Travel Distance B
- Average Fuel Consumption B
- Average Speed B
- Trip time B (driving time).



### Values displayed

*Range (for versions/markets, where provided)*

This indicates the distance that can still

be travelled with the fuel in the tank, assuming that driving style remains unvaried. The display will show the reading '-----' when the following events take place:

- range is lower than 50 km (or 30 mi)
- vehicle is left parked with the engine running for a long time.

**WARNING** The range can be affected by several factors: driving style (see "Driving style" in the "Starting and driving" section), type of route (motorway, towns and cities, mountain roads, etc.), conditions of use (load, tyre pressures, etc.). Trip planning must therefore take the above into account.

#### *Travel Distance*

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

#### *Average fuel consumption*

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

#### *Current Consumption*

This value shows the fuel consumption. The value is constantly updated. The message "----" will appear on the display if the vehicle is parked with the engine running.

#### *Average Speed*

Represents the vehicle average speed

as a function of the overall time elapsed since the start of a new mission.

#### *Travel Time*

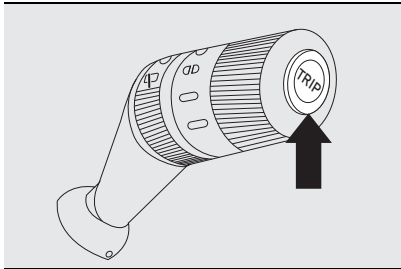
Time elapsed since the start of the new journey.

**WARNING** If there is no information, the Trip computer displays "----" in place of the value. When normal operating conditions are restored, the counting of the various values is resumed, without either zeroing the values displayed prior to the problem, or starting a new mission.

### TRIP control button

The TRIP button is located on the right stalk fig. 134. With the ignition key turned to MAR-ON, this button allows you to view the previously described values and also zero them to begin a new journey:

- brief press to access the various values displays;
- long press to reset and then start a new mission.



134

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### New mission

This begins after a reset:

- "manual" resetting by the user, by pressing the relevant button;
- "automatic" resetting, when the "trip distance" reaches 9999.9 km or when the "travel time" reaches 99:59 (99 hours and 59 minutes);
- after disconnection/reconnection of the battery.


**WARNING** The reset operation when "Trip A" details are being displayed only resets the information associated with this function.

**WARNING** The reset operation when "Trip B" details are being displayed resets only the information associated with this function.

### Start of journey procedure

With the ignition key in the MAR-ON position, reset by pressing the TRIP button and keeping it pressed for more than 2 seconds.

### Exit Trip

The TRIP function ends automatically once all the values have been displayed or by holding the **SET**  button down for more than 1 second.




### IMPORTANT

**11)** The "Trip B" function may be disabled (see the "Activating Trip B" paragraph). "Range" and "Instantaneous fuel consumption" information can not be reset.

## EOBD SYSTEM

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

It also alerts the driver, by switching on the warning light  on the instrument panel (together with a message on the display), when these components are no longer in peak condition (see "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter).

The aim of the system is to:

- monitor system efficiency;
  - indicate an increase in emissions due to vehicle malfunction;
  - indicate the need to replace components which have deteriorated.
- The system also has a connector that can be interfaced with appropriate equipment, which makes it possible to read the error codes stored in the control unit together with a series of specific parameters for engine operation and diagnosis.



This check can also be carried out by traffic control authorities.

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



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

**WARNING**

**45)** Go to a Fiat Dealership as soon as possible if warning light  either does not light up when the key is turned to MAR or if while travelling the warning lights come on either steady or blinking (along with a message on the display). The operation of the  warning light may be checked by the traffic police using specific devices. Comply with the laws and regulations of the country where you are driving.

## WARNING LIGHTS AND MESSAGES

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The warning light switches on together with (where the instrument panel permits) a specific message and/or acoustic warning. These indications are indicative and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner Handbook, which you are advised to read carefully in all cases. In the event of a failure indication, always refer to the contents of this chapter.














**WARNING** The failure indicators appearing on the display are divided into two categories: very serious and less serious failures. Serious faults are indicated by a repeated and prolonged warning "cycle". Less serious faults are indicated by a warning "cycle" with a shorter duration. The display cycle of both categories can be interrupted by pressing the **➤ SET** button. The warning light (or the symbol on the display) on the instrument panel will stay on until the cause of the failure is eliminated.











## WARNING LIGHTS ON INSTRUMENT PANEL

### Red warning lights



Warning lights on panel	What it means	What to do
 <p>red</p>	<p><b>LOW BRAKE FLUID/HANDBRAKE ENGAGED</b> The warning light switches on when the key is turned to MAR-ON, but it should switch off after a few seconds.</p> <hr/> <p><b>Low brake fluid level</b> The warning light turns on when the level of the brake fluid in the reservoir falls below the minimum level, possibly due to a leak in the circuit. On some versions the display shows the dedicated message.</p> <hr/> <p><b>Handbrake engaged</b> The warning light switches on when the handbrake is engaged. On some versions, an acoustic tone accompanies the warning light when the vehicle is moving.</p>	<p>Restore the brake fluid level, then check that the warning light has switched off.</p> <p> <b>46)</b></p> <hr/> <p>If the warning light comes on while driving, check that the handbrake is not on. Release the handbrake, then check that the warning light has switched off. If the warning light stays on, contact a Fiat Dealership.</p>
 <p>red</p>  <p>amber</p>  <p>amber</p>	<p><b>EBD FAILURE</b> 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 some versions the display shows the dedicated message.</p>	<p>Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately.</p>

Warning lights on panel	What it means	What to do
 <p style="text-align: center;">red</p>	<p><b>AIRBAG FAILURE</b>            The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds.            The warning light stays on constantly if there is a failure in the airbag system.            On some versions the display shows the dedicated message.</p>	  
 <p style="text-align: center;">red</p>	<p><b>SEAT BELTS REMINDER</b>            (for versions/markets, where provided)            The warning light switches on fixed with the vehicle stationary and the seat belt on passengers side (for versions/markets, where provided) not fastened.            The warning light will flash and a buzzer will sound if the seat belts on the driver's side, the passenger side and the rear seats (for versions/markets, where provided) are not correctly fastened with the vehicle in motion.</p>	<p>The buzzer of the S.B.R. (Seat Belt Reminder) system can only be disabled by a Fiat Dealership.            On some versions, the system may be reactivated using the Setup menu.</p>  
 <p style="text-align: center;">red</p>	<p><b>COMFORT-MATIC/DUALOGIC TRANSMISSION FAILURE</b>            (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 flashes (together with a message in the display and an acoustic signal) to indicate that the gearbox is faulty.            The warning light can switch on even in the case of transmission overheating, after a particularly demanding use. In this case an engine performance limitation is carried out.</p>	<p>If the transmission is faulty, contact a Fiat Dealership as soon as possible to have the system checked.</p>     

Warning lights on panel	What it means	What to do
 <p>red</p> <p>red</p>	<p><b>ENGINE COOLANT TEMPERATURE TOO HIGH</b></p> <p>The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. The warning light turns on when the engine is overheated.</p> <p>The display shows the dedicated message.</p>	<p>In normal driving conditions: stop the vehicle, switch off the engine and check that the water level in the reservoir is not below the MIN mark. In this case, wait for a few minutes to allow the engine to cool down, then slowly and carefully open the cap. Top up with coolant fluid making sure that it is included between the MIN and MAX lines on the vessel. 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 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>Over demanding routes, it is advisable to keep the engine on and slightly accelerated for a few minutes before switching it off.</p>
 <p>red</p>	<p><b>LOW BATTERY CHARGE</b></p> <p>The warning light switches on when the ignition key is turned to MAR, but it should switch off as soon as the engine has started (with the engine idling a brief delay before switching off is acceptable).</p> <p>On some versions the display shows the dedicated message.</p>	<p>If the warning light stays on, contact a Fiat Dealership immediately.</p>
 <p>red</p>	<p><b>INSUFFICIENT ENGINE OIL PRESSURE/ENGINE OIL DETERIORATED</b></p> <p>When the key is turned to MAR the warning light comes on, but should go out as soon as the engine is started.</p>	








Warning lights on panel	What it means	What to do
 <p>red</p>	<p><b>Steady light: Insufficient engine oil pressure</b> The warning light comes on fixed, together with a message on the display (for versions/markets, where provided) when the system detects insufficient engine oil pressure.</p> <hr/> <p><b>On blinking: Engine oil deteriorated</b> (for Multijet versions only) The warning light starts to flash together with a message on the display (for versions/markets, where provided) when the system detects that the engine oil has deteriorated. If the warning light flashes, this does not mean that the vehicle is faulty, but simply informs the driver that it is now necessary to change the engine oil as a result of regular vehicle use. If the oil is not changed, warning light  will also come on and engine operation is limited to 3000 rpm when a second threshold is reached. If the oil is still not changed, when a third deterioration threshold is reached, the engine is limited to 1500 rpm to avoid damage.</p>	<p> 49)</p> <hr/> <p>Contact a Fiat Dealership as soon as possible.  12)</p> <p>Remember that the deterioration of the engine oil is accelerated by:</p> <ul style="list-style-type: none"> <li>– mainly town use of the vehicle which makes the DPF regeneration process more frequent</li> <li>– use of the vehicle for short trips, preventing the engine from reaching operating temperature</li> <li>– repeated interruption of the regeneration process, signalled by the DPF warning light coming on.</li> </ul>
 <p>red</p>	<p><b>LOW ENGINE OIL LEVEL</b> When turning the ignition key to MAR, the warning light turns on but it should go off after a few seconds. This warning light appears on the panel when the engine oil level falls below the minimum recommended value. On certain versions a dedicated message is displayed.</p>	<p>Restore the correct engine oil level (see “Checking fluid levels” in the “Servicing and care” section).</p>



Warning lights on panel	What it means	What to do
 <p>red</p>	<p><b>DOORS OPEN</b>                      On certain versions, the warning light turns on when one or more doors or the boot are not properly closed.                      On some versions the display shows the dedicated message.</p>	<p>Check that all doors or the boot (for versions/markets, where provided) are perfectly closed.</p>
 <p>red</p>	<p><b>POWER STEERING FAILURE</b>                      When the ignition key is turned to MAR the warning light on the dial turns on, but it should turn off after a few seconds.                      If the warning light stays on together with the message shown on the display and an acoustic signal, the power steering is ineffective and the effort on the steering wheel increases significantly even though the vehicle can be steered.</p>	<p>Contact a Fiat Dealership.</p>



**WARNING**

- 46)** If the warning light  turns on when travelling (on certain versions together with the message on the display) stop the vehicle immediately and contact Fiat Dealership.
- 47)** If, when the ignition key is turned to MAR, the warning light  does not switch on or stays on while driving, a failure may have occurred in the restraint systems. In this case the airbags or pretensioners may not be deployed in an impact or, in a lower number of cases, they may be deployed accidentally. Before continuing, contact a Fiat Dealership immediately to have the system checked.
- 48)** The failure of the  warning light is indicated by the  warning light flashing or, depending on the version, by the  icon constantly on in the display. In this case, the  warning light may not indicate a possible problem with the airbag restraint system. Before continuing, contact a Fiat Dealership to have the system checked immediately.
- 49)** If the warning light  turns on whilst driving (on certain versions together with the message on the display) stop the engine immediately and contact a Fiat Dealership.







## IMPORTANT

**12)** If the warning light switches on, the degraded engine oil must be changed as soon as possible, and never more than 500 km from the first time that the warning light switches on. Failure to observe the above may result in severe damage to the engine and invalidate the warranty. The activation of this warning light is not related to the amount of oil in the engine. Therefore, never top up with oil when the warning light starts flashing.
















## Amber warning lights

	What it means	What to do
 <p>amber</p>	<p>INJECTION SYSTEM FAULT (Multijet versions) - EOBD ENGINE CONTROL SYSTEM FAULT (petrol versions)</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> <hr/> <p><b>Injection system failure</b></p> <p>(Multijet versions)</p> <p>If the warning light stays on or comes on when travelling, it means there is a fault in the injection system which could cause loss of performance, poor handling and high fuel consumption levels.</p> <p>On some versions the display shows the dedicated message.</p>	<p> 13)</p> <hr/> <p>Under these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the vehicle with the warning light on may cause damage.</p>





	What it means	What to do
 <p>amber</p>	<p><b>EOBD engine management system failure</b> (petrol versions)</p> <p>This indicates that the warning light is working correctly.</p> <p>If the warning light stays on or turns on when travelling:</p> <ul style="list-style-type: none"> <li>▣ fixed: this means there is a fault in the supply/ignition system which could cause high exhaust emissions, loss of performance, poor handling and high fuel consumption levels. On some versions the display shows the dedicated message. Under these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the vehicle with the warning light on may cause damage.</li> <li>▣ blinking: this indicates possible damage to the catalytic converter (see “EOBD system” in the “Knowing the instrument panel” chapter). If the light is on and blinking, release the accelerator pedal to lower the speed of the engine until the warning light stops flashing.</li> </ul>	<p>If the light is fixed, contact a Fiat Dealership as soon as possible. The warning light switches off if the malfunction disappears, but is still stored by the system.</p> <p>If the light is blinking: 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>amber</p>	<p><b>UREA INJECTION SYSTEM FAILURE</b> (Diesel versions)</p> <p>The warning light switches on, together with a dedicated message on the instrument panel (for versions/markets, where provided) if a fluid not conforming with the nominal characteristics is poured in or if average UREA consumption over 50% is detected.</p>	<p>Contact a Fiat Dealership as soon as possible.</p> <p>If the problem is not solved, a specific message will appear on the instrument panel display whenever a certain threshold is reached until it will no longer be possible to start the engine.</p> <p>When 200 km will remain to prevent the engine restart, a continuous dedicated message will appear on the dashboard (for versions/markets, where provided) accompanied by an acoustic warning sound.</p>










	What it means	What to do
 <p>amber</p>	<p><b>ABS FAILURE</b></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>The warning light will light up when the system is either not working or not available. In this case the braking system maintains its efficiency unaltered but without the advantage of the ABS system.</p> <p>On some versions the display shows the dedicated message.</p>	<p>Drive carefully and contact a Fiat Dealership as soon as possible.</p>
 <p>amber</p>	<p><b>FUEL RESERVE</b></p> <p>The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds. The warning light turns on when about 6 - 7 litres of fuel are left in the tank.</p> <p>The triangle on the right side of the  symbol indicates the side of the vehicle with the fuel filler.</p>	<p>The warning light will blink to indicate a system fault. If this is the case, go to a Fiat Dealership to have the system checked.</p>
 <p>amber</p>	<p><b>PLUG PREHEATING (Multijet versions) - PLUG PREHEATING FAULT (Multijet versions)</b></p> <p><b>Glow plugs</b> (Multijet versions)</p> <p>This warning light switches on when the key is turned to MAR. It will switch off as soon as the glow plugs have reached a preset temperature.</p> <p><b>WARNING</b> When it is particularly warm outside, the warning light stays on for an extremely short time.</p> <p><b>Glow plug preheating failure</b> (Multijet versions)</p> <p>The warning light flashes if there is a fault in the preheating system.</p> <p>On some versions the display shows the dedicated message.</p>	<p>Start the engine as soon as the warning light switches off.</p> <p>Contact a Fiat Dealership as soon as possible.</p>






	What it means	What to do
 <p>amber</p>	<p>WATER IN DIESEL FILTER (Multijet versions) The warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds.</p> <p>The warning light  switches on to indicate the presence of water in dated the diesel filter. On some versions the display shows the dedicated message.</p>	 14)
 <p>amber</p>	<p>INDICATION OF DIESEL EMISSIONS ADDITIVE LOW LEVEL (UREA) (for versions/markets, where provided) The Diesel Emissions Additive (UREA) low level warning light  lights up if the vehicle has a low level of UREA.</p>	
 <p>amber</p>	<p>VEHICLE PROTECTION SYSTEM FAULT - FIAT CODE - ALARM FAULT (for versions/markets, where provided - amber) - BREAK-IN ATTEMPT</p> <p><b>Fiat CODE Vehicle protection system fault</b> If, with the ignition key at MAR, the warning light stays on permanently, this indicates a possible failure (see “Fiat Code system” in the “Know your vehicle” section). On some versions the display shows the dedicated message.</p> <p>WARNING Warning lights  and  will come on at the same time to indicate a Fiat CODE system failure. If with the engine running the warning light  flashes, the vehicle is not protected by the engine immobiliser (see “Fiat Code system Running section “Know your vehicle”).</p>	<p>Contact a Fiat Dealership to have all the keys stored in the memory.</p>








	What it means	What to do
 <p>amber</p>	<p><b>Alarm fault</b> (for versions/markets, where provided) A fault with the alarm system is signalled by this warning light  (or symbol in the display) coming on. A specific message is displayed on certain versions.</p>	Contact a Fiat Dealership as soon as possible.
	<p><b>Break-in attempt</b> The warning light will blink rapidly or the symbol will appear on the display to indicate a break-in attempt. A specific message is displayed on certain versions.</p>	Contact a Fiat Dealership as soon as possible.
 <p>amber</p>	<p>GENERAL FAILURE INDICATION The warning light turns on in the following circumstances:</p>	
	<p><b>Engine oil pressure sensor failure</b> The warning light switches on when an engine oil pressure sensor anomaly is detected.</p> <p><b>Exterior lights failure:</b> On certain versions, the warning light will come on when a failure to one of the following lights is detected:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> side lights;</li> <li><input type="checkbox"/> brake lights;</li> <li><input type="checkbox"/> rear fog lamps;</li> <li><input type="checkbox"/> direction indicators;</li> <li><input type="checkbox"/> number plate lights.</li> </ul> <p>On some versions the display shows the dedicated message.</p>	<p>Contact a Fiat Dealership as soon as possible to have the fault fixed.</p> <p>The failure relating to these lights could be: one or more blown bulbs, a blown protection fuse or a break in the electrical connection.</p>
 <p>amber</p>	<p><b>Fuel cut-off inertia switch tripped</b> The warning light switches on when the fuel cut-off inertia switch is tripped. The display shows the dedicated message.</p>	







	What it means	What to do
 amber	<p><b>Parking sensor failure</b>            (for versions/markets, where provided)            See parking sensor warning light section.</p>	<p>In this case, the  warning light may not indicate a possible problem with the airbag restraint system. Before continuing, contact a Fiat Dealership to have the system checked immediately.</p>
	<p><b>Airbag failure warning light</b>             The warning light  turns on and flashes to indicate a failure of the warning light . In this case, the  warning light may not indicate a possible problem with the airbag restraint system.</p>	<p>Before continuing, contact a Fiat Dealership to have the system checked immediately.</p>
	<p><b>Start&amp;Stop system failure</b>            (for versions/markets, where provided)            The warning light  comes on alternatively to the warning light when a Start&amp;Stop system fault is detected.</p>	<p>In this case, contact the Fiat Service Network as soon as possible</p>



	What it means	What to do
 <p>amber</p>	<p>DPF (PARTICULATE FILTER) CLEANING UNDERWAY (for versions/markets, where provided)</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>The warning light switches on constantly to inform the driver that the DPF system needs to eliminate the trapped pollutants (particulate) through the regeneration process.</p> <p>A specific message will appear on the display when the warning light comes on (for versions/markets, where provided).</p> <p><b>WARNING Failure to follow the required procedure when the DPF warning light comes on for a mileage equal to or greater than 30 km or for a cumulative time equal to or greater than 2 hours, may result in the warning light  coming on with consequent damage to the DPF device. Remember that if the warning light  is on, it is necessary to go to the Fiat Dealership to restore the correct function of the DPF.</b></p>	<p>The warning light does not come on during every DPF regeneration, but only when driving conditions require that the driver is notified. The warning light will go off if the vehicle stays in motion until regeneration has been completed. The process normally takes about 15 minutes.</p> <p>Optimum conditions for completing the process are achieved by travelling at 60 km/h with engine revs above 2000 rpm. If this warning light comes on, it does not mean the vehicle is defective, so there is no need to take it to a garage.</p> <p> 50) 51)</p>
 <p>amber</p>	<p>ESC SYSTEM</p> <p><b>ESC system activation</b></p> <p>Flashing of the warning light while driving indicates the intervention of the ESC system.</p> <hr/> <p><b>ESC system failure</b></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>The display will show a dedicated message.</p>	<p>If the warning light does not go out or remains on whilst driving, go to a Fiat Dealership.</p>

	What it means	What to do
 amber	<b>HILL HOLDER FAILURE</b> (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 indicates a Hill Holder system failure. The display will show a dedicated message.	In this case, contact the Fiat Dealership as soon as possible.
 amber	<b>iTPMS failure/iTPMS temporarily deactivated</b> The warning light flashes for about 75 seconds then stays on constantly when a fault is detected in the iTPMS. <hr/> <b>Low tyre pressure</b> The warning light switches on to indicate that the tyre pressure is lower than the recommended value and/or that a pressure loss is occurring. In these circumstances, optimal tyre duration and fuel consumption may not be guaranteed.	In this case, contact the Fiat Dealership as soon as possible.  In this case it is advisable to restore the correct pressure value. <b>WARNING</b> Do not continue driving with one or more flat tyres as vehicle handling may be compromised. Stop the vehicle, avoiding sharp braking and steering.
 amber	<b>BRAKE PAD WEAR</b> The warning light switches on if the front brake pads are worn. On certain versions a dedicated message is displayed.	Have them replaced as soon as possible.
 amber	<b>PARKING SENSOR FAILURE</b> (for versions/markets, where provided) The warning light turns on when a parking sensor fault is detected. On certain versions the  warning light comes on instead. On certain versions a dedicated message is displayed.	In this case, contact the Fiat Dealership as soon as possible.



	What it means	What to do
 <p>amber</p>	<p><b>START&amp;STOP SYSTEM FAILURE</b> (for versions/markets, where provided)</p> <p>The warning light comes on when a fault is detected in the Start&amp;Stop system. On certain versions the  warning light comes on instead. On certain versions a dedicated message is displayed.</p>	<p>In this case, contact the Fiat Dealership as soon as possible.</p>
 <p>amber</p>	<p><b>ASR SYSTEM DEACTIVATED</b></p> <p>The ASR system can be turned off by pressing the button ASR OFF. The warning light switches on to warn the driver that the system is off. If the ASR OFF button is pressed again, the warning light will switch off to inform the driver that the system is on again.</p>	
 <p>amber</p>	<p><b>TRACTION PLUS SYSTEM ACTIVATION</b> (for versions/markets, where provided)</p> <p>The warning light switches on when the Traction Plus system is activated by pressing the T+ button on the dashboard. The LED on the button turns on.</p>	
	<p><b>Traction Plus system failure</b></p> <p>Turning the key to the MAR position, if the warning light stays on or lights up when travelling with the LED on the button and the warning light . The display will show a specific message.</p>	<p>In this case, contact the Fiat Dealership as soon as possible.</p>
 <p>amber</p>	<p><b>REAR FOG LIGHTS</b></p> <p>The warning light comes on when the rear fog lights are turned on.</p>	





## WARNING


**50)** During regeneration, the fan could be operated.

**51)** Always drive at a speed appropriate to the traffic conditions, the weather and traffic regulations. The engine may be stopped if the DPF light is on; however, repeated interruption of the regeneration process may result in premature deterioration of the 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.








## IMPORTANT

**13)** Go to a Fiat Dealership as soon as possible if the warning light  does not light up when the key is turned to MAR or if while travelling the warning light switches on or flashes (along with a message and a symbol on the display on some versions). The operation of the  warning light may be checked by the traffic police using specific devices. Comply with the laws and regulations of the country where you are driving.


**14)** The presence of water in the fuel supply circuit may cause severe damage to the injection system and irregular engine operation. 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 the above indication occurs immediately after refuelling, water may have entered the tank: turn the engine off immediately and contact a Fiat Dealership.



## Green warning lights



Warning lights on panel	What it means	What to do
 <p>green</p>	<p>SIDE LIGHTS - FOLLOW ME HOME</p> <p><b>Side lights</b></p> <p>The warning light switches on when the side lights are activated.</p> <hr/> <p><b>Follow Me Home</b></p> <p>The warning light will turn on when this device is active (see the “Follow me home device” paragraph in the “Know your vehicle” section). The display shows the dedicated message.</p>	
 <p>green</p>	<p>LEFT-HAND DIRECTION INDICATOR (blinking)</p> <p>The warning light switches on when the direction indicator control stalk is moved downwards or, together with the right direction indicator, when the hazard warning light button is pressed.</p>	
 <p>green</p>	<p>RIGHT-HAND DIRECTION INDICATOR (blinking)</p> <p>The warning light switches on when the direction indicator control stalk is moved upwards or, together with the left direction indicator, when the hazard warning light button is pressed.</p>	
 <p>green</p>	<p>FOG LIGHTS</p> <p>The warning light comes on when the front fog lights are turned on.</p>	
 <p>green</p>	<p>CRUISE CONTROL</p> <p>The warning light turns on together with the message on the display when turning the ring of the Cruise Control to ON.</p>	








## Blue warning lights

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




## MESSAGES ON THE DISPLAY

	What it means	What to do
	<p><b>GEAR SHIFT INDICATION</b> (for versions/markets, where provided)</p> <p>On vehicles with a manual transmission, the gear shift indicator suggests gear changes to the driver (SHIFT UP or SHIFT DOWN) via a special display on the instrument panel. This suggestion to change gear is designed to improve consumption and ensure the best driving style.</p> <p>NOTE The indication in the instrument panel remains on until the driver shifts gear or the driving conditions go back to a situation where gearshifting is not required to improve consumption.</p>	
	<p><b>START&amp;STOP SYSTEM ACTIVATION</b></p> <p>The symbol lights up on the display when the engine is stopped automatically (for versions/markets, where provided).</p>	

	What it means	What to do
	<p>INDICATION OF DIESEL EMISSIONS ADDITIVE LOW LEVEL (UREA)</p> <p>When low UREA level is detected, a text message will appear on the instrument panel display, together with the symbol  to indicate that UREA must be topped up.</p> <p>The symbol  stays on until the tank is topped up with at least 5 litres of UREA.</p> <p>If you do not top up, a specific message will appear on the instrument panel display whenever a certain threshold is reached until it will no longer be possible to start the engine.</p> <p>A message appears continuously on the display when the residual range is approximately 200 km accompanied by an auditory indication.</p> <p>When the residual range is 0 km, a specific message will appear on the display (for versions/markets, where provided). It will no longer be possible to restart the engine after it has been stopped.</p> <p>It will be possible to restart the engine after pouring at least 5 litres of UREA in the tank.</p> <p> 52)</p>	<p>Top up the UREA tank as soon as possible with at least 5 litres of UREA. If topping up is done with remaining range of UREA in the tank equal to zero, you may need to wait two minutes before starting the vehicle.</p>
 CNG	<p>NATURAL POWER SYSTEM FAILURE</p> <p>All Methane fuel levels disappear on the display and the symbol appears with a dedicated message.</p>	<p>In this case, contact the Fiat Dealership as soon as possible.</p>
	<p>FIAT CODE SYSTEM FAILURE</p> <p>The symbol switches on or blinks to indicate a failure or fault of the Fiat CODE system.</p>	<p>Contact a Fiat Dealership as soon as possible.</p>
	<p>AIRBAG WARNING LIGHT FAILURE</p> <p>The symbol switches on to indicate a failure of the warning light  on the display.</p>	<p>Contact a Fiat Dealership as soon as possible.</p>



	What it means	What to do
	<p>PETROL OPERATION (Natural Power versions)</p> <p>The symbol appears on the display, with all the bar edges, if the methane is running out (Natural Power versions). In these cases the system automatically switches to petrol operation.</p>	
	<p>MESSAGES ON DISPLAY (COMFORT-MATIC/<b>DUALOGIC™</b> TRANSMISSION)</p> <p>A message appears on the display in the following cases:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> incorrect use of the transmission by the driver;</li> <li><input type="checkbox"/> manual method unavailable;</li> <li><input type="checkbox"/> automatic mode not available;</li> <li><input type="checkbox"/> clutch overtemperature;</li> <li><input type="checkbox"/> starting without pressing the brake pedal;</li> <li><input type="checkbox"/> gear unavailable;</li> <li><input type="checkbox"/> operation not admissible;</li> <li><input type="checkbox"/> shifting without pressing the brake pedal;</li> <li><input type="checkbox"/> neutral engagement request (N);</li> </ul>	



**WARNING**

**52)** *When the UREA tank is empty and the engine is stopped it is no longer possible to restart it until the UREA tank is topped up with at least 5 litres of UREA.*

# SAFETY

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

ABS .....	104
ESC (Electronic Stability Control) SYSTEM .....	105
iTPMS (Indirect Tyre Pressure Monitoring System).....	107
TRACTION PLUS SYSTEM.....	109
OCCUPANT PROTECTION SYSTEMS .....	109
SEAT BELTS .....	110
SBR SYSTEM.....	111
PRE-TENSIONERS.....	112
CARRYING CHILDREN SAFELY .....	114
INSTALLING AN ISOFIX CHILD RESTRAINT SYSTEM .....	117
SUPPLEMENTARY RESTRAINT SYSTEM (SRS) - AIRBAG.....	122
FRONT AIRBAGS.....	122
SIDE BAGS .....	127



## ABS

This is an integral part of the braking system, which prevents one or more wheels from locking and slipping regardless of the road surface conditions and braking intensity, ensuring control of the vehicle even during emergency braking.

The Electronic Braking Force Distribution (EBD) system completes the system allowing the brake force to be distributed between the front and rear wheels.

**WARNING** To obtain the maximum efficiency of the braking system, a bedding-in period of about 500 km is needed: during this period it is better to avoid sharp, repeated and prolonged braking.

### SYSTEM INTERVENTION

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

### MECHANICAL BRAKE ASSIST

(for versions/markets, where provided)

This system (which cannot be deactivated) recognises emergency


braking conditions according to the speed of operation of the brake pedal and provides an additional hydraulic braking pressure to support that provided by the driver. This allows faster and more powerful operation of the braking system.

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

 53) 54) 55)

### FAULT WARNINGS



#### ABS failure

This is indicated by turning on the  warning light on the instrument panel together with a message on the display on some versions (see the “Warning lights and messages” paragraph in the “Knowing the instrument panel” chapter).

In this case, the braking system will still be effective, although without the extra capacity offered by the ABS.

Drive carefully to the nearest Fiat Dealership to have the system checked.

#### EBD failure

This is indicated by turning on the  and  warning lights on the

instrument panel together with a message on the display on some versions (see the “Warning lights and messages” paragraph in the “Knowing the instrument panel” chapter).

In this case, the rear wheels may suddenly lock and the vehicle may swerve when braking sharply. Drive carefully to the nearest Fiat Dealership to have the system checked.

 56)




### WARNING

**53)** When the ABS cuts in and you feel the brake pedal pulsating, do not remove your foot, but keep the pedal pushed down; in doing so you, will stop in the shortest distance possible under the road conditions at the time.

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

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

**56)** If only the  instrument panel warning light comes on (with a message in the multifunction display on some versions), stop the vehicle immediately and contact the nearest Fiat Dealership. Any loss of fluid will affect the brake system

*functionality, both conventional and ant-lock wheels.*

## ESC (Electronic Stability Control) SYSTEM

(for versions/markets, where provided)

The ESC system improves the directional control and stability of the vehicle in various driving conditions. The ESC system corrects understeer and oversteer, distributing the brake force on the appropriate wheels. The torque supplied by the engine can also be reduced in order to maintain control of the vehicle.

The ESC system uses the sensors in the vehicle to determine the trajectory required by the driver through steering and compares it with the real trajectory of the vehicle.


When the real trajectory deviates from the desired trajectory, the ESC system intervenes to counter understeer or oversteer.

- ❑ **Oversteer:** occurs when the vehicle is turning more than it should according to the angle of the steering wheel.
- ❑ **Understeer:** occurs when the vehicle is turning less than it should according to the angle of the steering wheel.

The ESC system also includes the following systems:

- ❑ Hill Holder
- ❑ ASR
- ❑ MSR
- ❑ HBA


### SYSTEM INTERVENTION


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

#### Switching the system on

The ESC system is automatically activated when the vehicle is started and cannot be deactivated.

#### Fault warnings

In the event of a failure, the ESC will be automatically switched off and the warning light  will come on constantly in the instrument panel along with a message in the multifunction display (for versions/markets where provided) (see "Warning lights and messages" section in the "Knowing the instrument panel" chapter). Contact a Fiat Dealership as soon as possible.

 57) 58) 59)


## HILL HOLDER SYSTEM

(for versions/markets, where provided)  
It is an integral part of the ESC system and facilitates starting on an incline. 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 gearbox 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 the 2 seconds have elapsed, without starting, the system is automatically deactivated, gradually releasing the braking pressure. During this release stage, the typical brake disengagement noise indicating that the vehicle is going to move imminently will be heard.

#### Fault warnings

System failure is indicated by instrument panel warning light  with



digital display and warning light  on the instrument panel with multifunction display (for versions/markets, where provided) (see "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter).

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



### ASR SYSTEM (Antislip Regulation)

(for versions/markets, where provided)

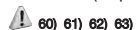
This is a traction control system that cuts in automatically every time one or both drive wheels slip.

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, the ASR intervenes automatically braking the wheel that is slipping.

The action of the ASR system is especially useful in the following conditions:

- slipping of the inner wheel round bends due to dynamic variations in the load of excessive acceleration;
- excessive power transmitted to the wheels, also in relation to road surface conditions;
- acceleration on slippery, snowy or icy road surfaces;
- in the case of loss of grip on a wet surface (aquaplaning).




### MSR SYSTEM (engine drive regulation)

This is an integral part of the ESC system that, in the event of a sudden gear down shift or an ABS braking, cuts in and provides torque to the engine thus preventing excessive driving wheel drive which, especially in poor grip conditions, can lead to a loss of stability.

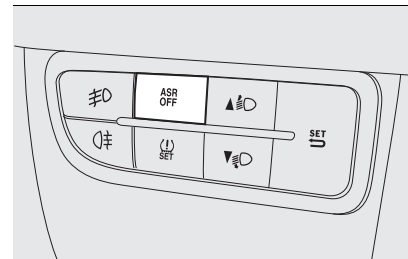
#### Turning the ASR system on/off

The ASR comes on automatically whenever the engine is started.

While driving, the ASR can be switched off and on again pressing the button fig. 135 on the dashboard.

Switching off is shown by the warning light  on the instrument panel switching on together with a message shown in the multifunction display, for versions/markets where provided.

If the ASR is switched off while driving, it is automatically switched on again when the car is started up. When travelling on snowy roads with snow chains, it may be helpful to turn the ASR off: in fact, in these conditions, the driving wheels skidding when moving off gives you better traction.




135

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### FAULT WARNINGS

In the event of a failure, the ASR will be automatically switched off and the warning light  will come on constantly in the instrument panel along with a message in the multifunction display (for versions/markets where provided) (see "Warning lights and messages" section in the "Knowing the instrument panel" chapter). In this case, contact the Fiat Service Network as soon as possible.

## HYDRAULIC BRAKE ASSIST (assistance during emergency braking)

(for versions/markets, where provided)

The HBA system is an integral part of the ESC system and is designed to improve the vehicle's braking capacity during emergency braking. The system detects emergency braking by monitoring the speed and force with which the brake pedal is pressed, and consequently applies the optimal brake pressure. This can reduce the braking distance: the HBA system therefore completes the ABS.

Maximum assistance of the HBA system is obtained pressing the brake pedal very quickly; in addition, the brake pedal should be pressed continuously during braking, avoiding intermittent presses, to obtain benefits from the system. Do not reduce pressure on the brake pedal until braking is no longer necessary.

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

 65) 66) 67)



### WARNING

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

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

**59)** *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.*

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

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

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

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

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

**65)** *The HBA system cannot overrule the natural laws of physics, and cannot*


*increase the grip available according to the condition of the road.*

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

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

## iTPMS (indirect Tyre Pressure Monitoring System)

(for versions/markets, where provided)

The indirect Tyre Pressure Monitoring System iTPMS can monitor the tyre inflation status through the wheel speed sensors. The system warns the driver if one or more tyres are flat by switching on the  warning light on the instrument panel and a warning message on the display dedicated with an acoustic signal.

It is advisable to check the pressure of all four tyres. This indication is displayed also when turning the engine off and on 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 Setup Menu as follows:

- briefly press the  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.

After the "Reset" the display will show the "Reset saved" message, indicating that the "self-learning" has been started.

### Operating conditions

The system is active for speeds above 15 km/h. In a few situations such as sporty driving, particular conditions of the road surface (e.g. icy, snowy, unsurfaced roads...) the signalling may be delayed or partial in detecting the contemporary deflation of more than one tyre. Under special conditions (e.g. vehicle loaded asymmetrically on one side, towing a trailer, damaged or worn tyre, fitting the space-saver 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 warning is displayed also after the engine has been switched off and then on again if the correct operating conditions are not restored.

 68) 69) 70) 71) 72) 73)



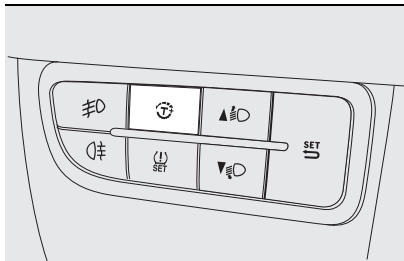
### WARNING

- 68)** *If the system signals a pressure drop on one or more tyres, it is recommended to always check the pressure on all tyres.*
- 69)** *The iTPMS does not relieve the driver from the obligation to check the tyre pressure every month; the system does not replace servicing or operate as a safety system.*
- 70)** *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.*
- 71)** *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.*
- 72)** *The system only warns that the tyre pressure is low: it is not able to inflate them.*
- 73)** *Insufficient tyre inflation increases fuel consumption, reduces the tread duration and may affect the capacity to drive safely.*

## 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. This function can be activated manually by pressing button T+ on the side control panel fig. 136 and works at speeds under 50 km/h. Over this speed, it is automatically deactivated (the LED on the button is still on) and it is reactivated again when the speed is below 50 km/h.



136


F0T0506

### Traction Plus operation

The system is deactivated when starting. To activate the "Traction Plus" system, press the button (T+ fig. 136): the LED on the button switches on.

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

- inhibition of the ASR function, in order to fully exploit the engine torque;
- the differential locking effect on the front axle, through the braking system, to improve traction on irregular grounds.

If the "Traction Plus" system is faulty, the "general failure" instrument panel warning light  comes on steady.

## OCCUPANT PROTECTION SYSTEMS

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

- seat belts;
- SBR (Seat Belt Reminder) system;
- head restraints;
- child restraint systems;
- front, side airbag (for versions/markets, where provided).

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

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



## SEAT BELTS

### USING THE SEAT BELTS

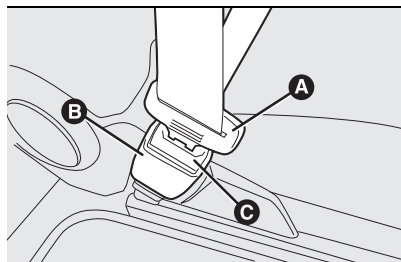
All the seats in the vehicle are equipped with seat belts with three anchoring points and a retractor. The reel mechanism operates locking the belt in the event of sharp braking or strong deceleration due to an impact.

This allows the belt strap to slide freely and to adapt to the body of the occupant.

In the event of an accident, the belt will lock to reduce the risk of impact inside the passenger compartment or of being projected outside the vehicle. The driver is responsible for respecting, and ensuring that all the other occupants of the vehicle also respect, the local laws in force in relation to the use of the seat belts. Always fasten the seat belts before setting off.

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

To fasten the seat belts, hold fastening tongue (A) fig. 137 and insert it into buckle (B), until it clicks into place.



137

FOT0147

If the seat belt jams during removal, let it rewind for a short stretch, then pull it out again without jerking.

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



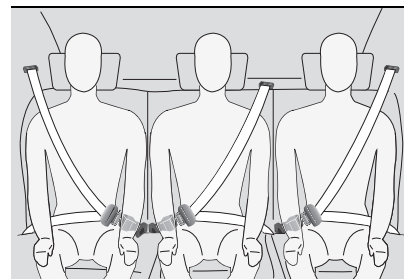
74)

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



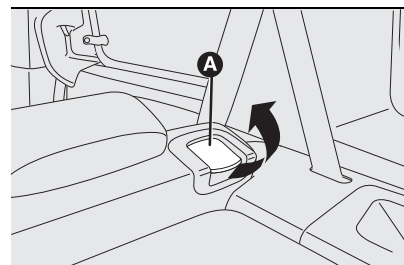
75)

The rear seat belts (for versions/markets where provided) must be worn as shown in fig. 138 or fig. 140.



138

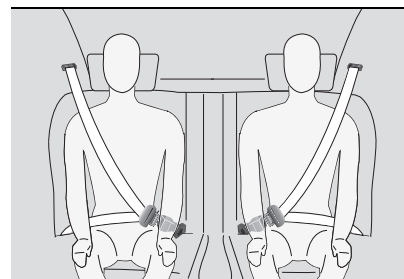
FOT0193



139

FOT0921

N1 versions (4 seats) fig. 140



140

FOT0342

**WARNING** The backrest is correctly secured when the red band on the backrest folding handles (A) fig. 139 disappears. The red band indicates that the backrest is not secured.

**WARNING** After putting the rear seats (for versions/markets, where provided) back to their normal operating position, re-position the seat belt so that it is immediately ready for the next use.



76)


## WARNING

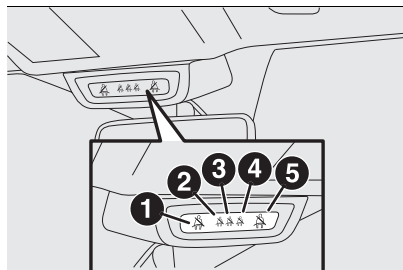
**74)** Never press button (C) fig. 137 when travelling.

**75)** Remember that in the event of a violent impact 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.

**76)** Make sure the backrest is properly secured at both sides ("red bands" not visible) to prevent it moving forward in the event of sharp braking, causing injuries to passengers.

## SBR SYSTEM

(for versions/markets, where provided)  
It consists of an acoustic warning which, switching on the  warning lights in the trim located on the internal rear view mirror, warns passengers in the front and rear seats that their seat belts are not fastened.



141

F0T0989

For long-term deactivation of the SBR system, contact a Fiat Dealership. The SBR system can be reactivated at any time through the Setup Menu only (see the "Multifunction display" chapter in the "Knowing your vehicle" section). The warning lights may be red or green and operate as:

- 1 = front left seat (driver status for left-hand drive versions)
- 2 = rear left seat (passenger) (for versions/markets, where provided);
- 3 = middle rear seat (passenger) (for versions/markets, where provided);

- 4 = rear right seat (passenger) (for versions/markets, where provided);
- 5 = front right seat (passenger status for left-hand drive versions).

**NOTE** On versions equipped with sport front seats, the indication of passenger side seat belt fastened (warning light 1 for right-hand drive versions or warning light 5 for left-hand drive versions) will never be displayed.

## FRONT SEATS (warning light 1 = driver and 5 = passenger)

### Driver

If the driver is the only occupant of the vehicle and the seat belt is not fastened, when 20 km/h is exceeded or when travelling at a speed from 10 to 20 km/h for longer than 5 seconds, a buzzer sequence will be started (front seats) consisting of a tone for 6 seconds followed by a 90 second beep. The warning light will blink.

The warning lights will stay on constantly at the end of the cycle until the engine is stopped. The acoustic warning will be interrupted immediately when the driver's seat belt is fastened and the warning light will turn green.

The reminder cycle (acoustic and visual) will be repeated as described above and the red warning light will



flash if the seat belt is unfastened again while travelling.

### Passenger

A similar solution applies for the front passenger, with the difference that the warning light turns green and the warning is interrupted also when the passenger leaves the vehicle.

If both front seat belts are unfastened while the vehicle is travelling a few seconds apart, the acoustic indication will refer to the most recent event and the two warning lights will proceed with the visual indication independently.

### REAR SEATS (warning light 2, 3 and 4)

The reminder cycle is run only when any seat belt is unfastened (red blinking).

In this condition, the warning light for the seat belt which has been unfastened will start flashing red for approximately 30 seconds. An acoustic signal is also emitted.

The visual indication (blinking red) will start and end independently for each warning light if several seat belts are unfastened. The

warning light will become green when the relevant seat belt is fastened again. After about 30 seconds from the last indication, the warning lights for rear

seats will switch off, irrespective of the belt conditions (red or green).

**WARNING** All warning lights will remain off if all the seat belts (front and rear) are already fastened when the ignition key is turned to MAR.

**WARNING** All the warning lights will come on when at least one belt changes from fastened to unfastened status or vice versa.

## PRE-TENSIONERS

To increase the protective efficiency of the front seat belts, the vehicle is fitted with pretensioners. These devices, in the event of a violent frontal collision or side collision, rewind the seat belts a few centimetres. In this way, they ensure that the belts fit tightly to the wearer before the restraining action begins.

It is evident that the pretensioners have been activated when the belt withdraws toward the retractor.

**WARNING** To obtain the highest degree of protection from the action of the pretensioner, wear the seat belt tight to the chest and pelvis. A slight discharge of smoke may be produced during the activation of the pretensioner

which is not harmful and does not involve any fire hazard.

The pretensioner does not require any maintenance or lubrication.

Any changes to its original conditions will invalidate its efficiency. If, due to unusual natural events (floods, sea storms, etc.), the device has been affected by water and mud, it must absolutely be replaced.



## LOAD LIMITERS

(for versions/markets, where provided)

To increase occupant safety in an accident, the front seat belt reels on driver side and passenger side (for versions/markets, where provided) contain a device which controls the force acting on the chest and shoulders during the restraining action of the belts in the event of a frontal collision.

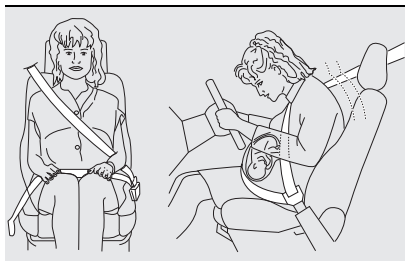
## GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

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. 142).

While pregnancy progresses, the driver must adjust both the seat and the steering wheel to ensure full control of the vehicle (pedals and steering wheel must be easily accessible). The maximum clearance should be kept between the abdomen and the steering wheel.

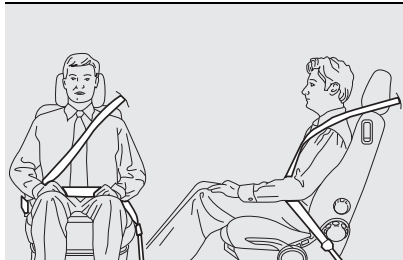


142

F0T0003

**WARNING** The seat belt strap must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally. The lower part must adhere to the pelvis (as shown in fig. 143) rather than the abdomen

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



143

F0T0004

**WARNING** 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. 144. In general, do not place any objects between the person and the belt.



144

F0T0005

## SEAT BELTS MAINTENANCE

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

- always use the seat belt with the strap well stretched and not twisted; make sure that it is free to run without obstructions;
- check seat belt operation as follows: attach the seat belt and pull it hard;
- replace the seat belt after an accident of a certain severity even if it does not appear to be damaged. Always replace the seat belt if the pretensioners were deployed;
- prevent the retractors from getting wet: their correct operation is only guaranteed if water does not get inside;
- replace the seat belt when it shows wear or cuts.



**WARNING**

**77)** *The pretensioner may be used only once. After it is triggered, have it replaced at a Fiat Dealership.*

**78)** *For maximum safety, keep the seat 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 or even death in the event of a crash.*

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

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

**IMPORTANT**

**15)** *Operations which lead to knocks, vibrations or localised heating (over 100°C for a maximum of 6 hours) in the area around the pretensioners may cause damage or trigger them. These devices are not affected by vibrations caused by irregularities of the road surface or low obstacles such as kerbs, etc. Contact a Fiat Dealership for any assistance.*

**CARRYING CHILDREN SAFELY**

For optimal protection in the event of an impact, all occupants must be seated and wearing adequate restraint systems, including newborn and other children!

This prescription is compulsory in all EC countries according to EC Directive 2003/20/EC.

Children below the height of 1.50 metres and up to 12 years must be protected with suitable restraint systems and be seated on the rear seats. Statistics on accidents indicate that the rear seats offer greater safety for children.

Compared with 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 a sudden manoeuvre.

Children must be seated safely and comfortably. As far as the characteristics of the child seats used allow, you are advised to keep children in rear facing child seats for as long as possible (at least until 3–4 years

old), since this is the most protected position in the event of a collision.

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



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

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

**WARNING** For correct installation on the car, some universal child restraint systems require an accessory (base) sold separately by the restraint system's producer. Therefore, FCA advises customers to check that their chosen child restraint system can be installed on their vehicle by performing a trial installation, on the vendor's premises, before purchase.

⚠ 81) 82) 83) 84)

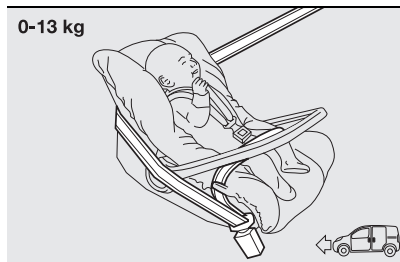
## INSTALLING A CHILD RESTRAINT SYSTEM WITH SEAT BELTS

⚠ 85) 86) 87) 88) 89)

### 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. 145 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 seat belts of the vehicle, as shown in fig. 146 and it must restrain the child in turn with its own belts.

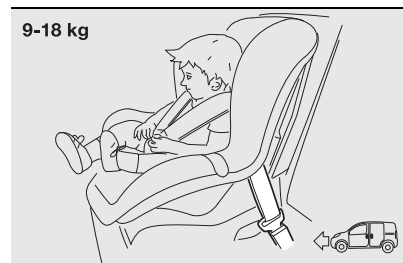


145

FOT0006

### GROUP 1

Children weighing from 9 to 18 kg may be transported in forward facing child restraint systems fig. 146.



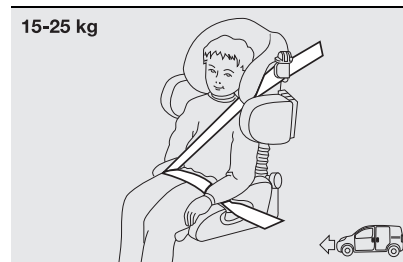
146

FOT0007

### GROUP 2

Children from 15 to 25 kg may use the seat belts of the vehicle directly fig. 147.

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.



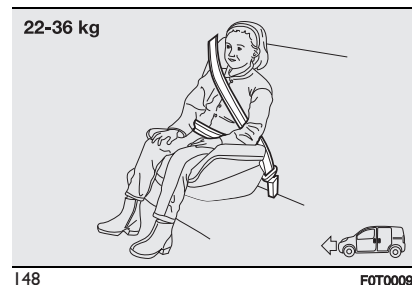
147

FOT0008

### GROUP 3

For children between 22 and 36 kg, there are dedicated restraint systems that allow the seat belt to be worn correctly.

The fig. 148 shows the correct child positioning on the rear seat.




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

### WARNING

**81) SERIOUS DANGER:** When an active passenger airbag is fitted, DO NOT install rear 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. It is advisable to always carry children in a child restraint system on the rear seat, which is the most protected position in the event of a collision.

**82)** Should it be necessary to carry a child on the passenger side front seat in a

rearward facing child restraint system, the passenger side front airbag and side bag (for versions/markets, where provided) must be deactivated through the Setup menu. Deactivation should be verified by checking whether the  warning light is switched on in the central dashboard. Move the passenger's seat as far back as possible to avoid contact between the child seat and the dashboard.

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

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

**85)** 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.

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

**87)** After installing a child restraint system, do not move the seat: always remove the

child restraint system before making any adjustment.

**88)** Always make sure that the diagonal section of the seat belt does not pass under the arms or behind the back of the child. In the event of an accident the seat belt will not be able to secure the child, with the risk of injury, including fatal injury. Therefore the child must always wear the seat belt correctly.

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

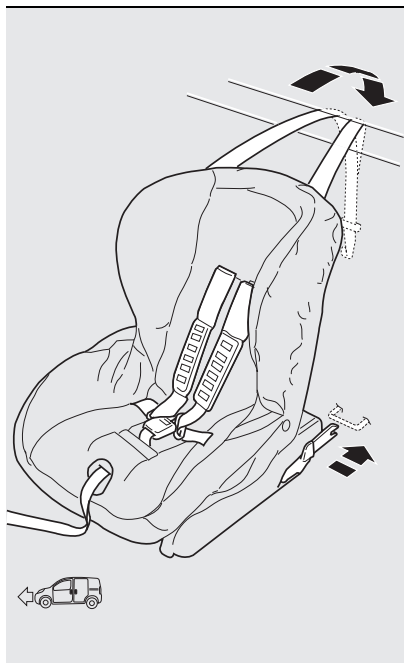
## INSTALLING AN ISOFIX CHILD RESTRAINT SYSTEM

(for versions/markets, where provided)

 90) 91)

On some versions the external rear seats are equipped with ISOFIX attachments, for fitting child restraint systems quickly, simply and safely. The ISOFIX system lets you install the ISOFIX child restraining system without using the vehicle seat belts but connecting them directly to the vehicle seat with three anchors in the vehicle.





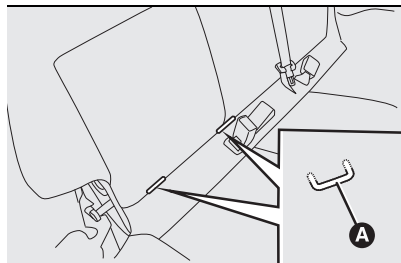
149

FOT0010

Traditional child restraint systems can be fitted alongside Isofix child restraint systems on different seats in the same vehicle.

By way of example, fig. 149 shows an example of a Universal Isofix child restraint system for weight group: 1.

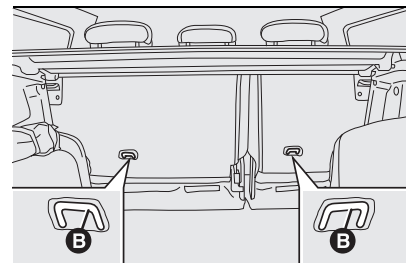
**WARNING** The fig. 149 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.



150

FOT0145

To install an ISOFIX child restraint system, attach it to the two metal anchorings (A) fig. 150 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the restraint system) to the dedicated anchoring (B) fig. 151 located at the bottom behind the backrest.



151

FOT0284

Remember that, in the case of Universal Isofix child seats, you can use all seats bearing the marking ECE R44 (R44/03 or later updates) "Universal Isofix".

The Universal Isofix "Duo Plus" child restraint system is available from Lineaccessori MOPAR.

For any further details on installation/use, refer to the instruction manual for the child restraint system.

**WARNING**

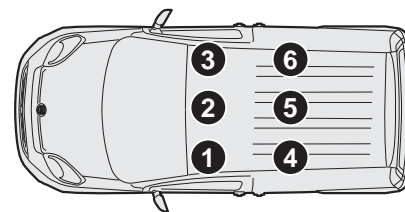
**90)** Fit the child restraint system only when the vehicle is stationary. The child restraint system is correctly fixed to the brackets when you hear the click. Follow the instructions for positioning, fitting and removing which the child restraint system manufacturer must supply together with the restraint system. If a Universal/ISOFIX child restraint system is not fixed to all three anchorings, it will not be able to

protect the child correctly. In a crash, the child could be seriously or fatally injured.  
**91)** Never use the same lower anchorage to attach more than one child restraint.



## Child restraint system installation

The table provides guidelines on positioning child restraint systems on the vehicle seats. Each position of the child restraint system complies with UNECE standards (valid only for Fiorino Combi and Qubo version)



Seat number	Number of seats						
	1	2	3		4	5*	6
			Airbag ENABLED	Airbag DISABLED			
Seat suitable for universal rearward facing child restraint systems	X	X	NO	YES (U)	YES (U)	X	YES (U)
Seat suitable for universal forward facing child restraint systems	X	X	NO	NO	YES (UF)	X	YES (UF)
i-Size seat	X	X	NO	NO	NO (2)	X	NO (2)
Seat suitable for ISOFIX side child restraint systems (L1   L2)	X	X	NO	NO	NO	X	NO
Seat suitable for ISOFIX rearward facing child restraint system (R1   R2   R3)	X	X	NO	NO	YES (IL) (1)	X	YES (IL) (1)

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

Seat suitable for ISOFIX forward facing child restraint system (F2   F2X   F3)	X	X	NO	NO	YES (IUF)	X	YES (IUF)
--	---	---	----	----	-----------	---	-----------

Seat suitable for auxiliary child restraint systems (B2 / B3)	X	X	NO	NO	NO (2)	X	NO (2)
---	---	---	----	----	--------	---	--------

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

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

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

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

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

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

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

\* = Child restraint systems with support leg cannot be installed on this seat.

(1) = The ISOFIX child restraint system can be installed by adjusting the front seat (for R3 fixtures)

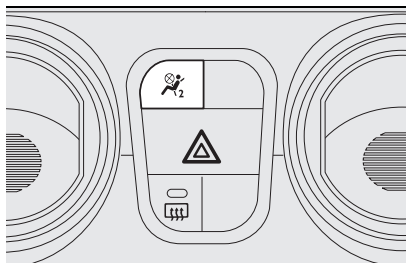
(2) = This vehicle is not approved for use with i-Size child restraint systems. Despite this, it may be possible to install an "i-Size" child restraint system. Check compatibility of this vehicle with the child restraint system on the manufacturer's Internet website.


Remove/adjust the head restraint (if adjustable) if it interferes with installation of the child restraint system.



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

Main recommendations to carry children safely:



- Install the child restraint systems on the rear seat, which is the most protected position in the event of an impact.
- Keep children in rearward facing child restraint systems for as long as possible, until 3–4 years old if possible.
- If the passenger's front airbag is deactivated always check the  warning light always lighted on the central dashboard fig. 152 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 papers 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 a crash.
- If the vehicle has been involved in a road accident, replace the child restraint system with a new one. In addition, and depending on the type of child restraint system installed, replace the Isofix anchorages or the seat belt with which the child restraint system was connected.
- The rear head restraint can be removed if needed to install a child restraint system. The headrest must always be fitted in the vehicle if the seat is used by an adult passenger or a child sitting in a restraint system without a backrest.

## SUPPLEMENTARY RESTRAINT SYSTEM (SRS) - AIRBAG

The vehicle may be equipped with:

- front driver airbag;
- passenger front airbag;
- passenger chest-pelvis side bag.

The location of the airbags on the vehicle is marked by the word "AIRBAG" in the middle of the steering wheel, on the dashboard, on the side lining or on a label placed next to the airbag deployment area.

## FRONT AIRBAGS

The vehicle is fitted with front airbags for driver and passenger (for versions/markets, where provided). The front driver/passenger airbags (for versions/markets, where provided) are designed to protect the front-seat occupants in the event of frontal impacts of medium-high severity, by placing the bag between the occupant and the steering wheel or dashboard. Therefore, non-activation in other types of collisions (side collisions, rear shunts, roll-overs, etc.) is not a system malfunction.

An electronic control unit will make the bag inflate in the event of a frontal impact.

The bag will inflate instantaneously placing itself between the front occupants body and the structures which could cause injury. It will deflate immediately afterwards.

Front driver/passenger airbags (for versions/markets, where provided) are not a replacement for, but rather a complement to, the seat belts, which should be worn at all times as specified by law in Europe and most non-European countries.

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

Front airbags may not activate in the following situations:

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

non-deployment does not indicate a system malfunction.

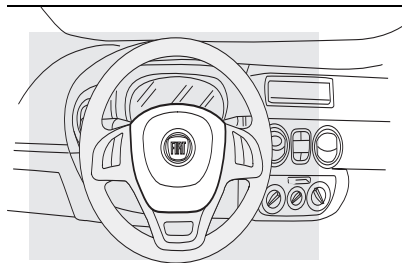


The driver's and passenger's front airbags have been designed and calibrated to protect front seat occupants wearing seat belts. At their maximum inflation, their volume fills most of the space between the steering wheel and the driver and between the dashboard and the passenger.

The airbags are not deployed in the event of minor frontal impacts (for which the restraining action of the seat belts is sufficient).

Seat belts must always be worn. In the event of a frontal collision, they ensure the correct positioning of the occupant.

### FRONT AIRBAG DRIVER'S SIDE



153

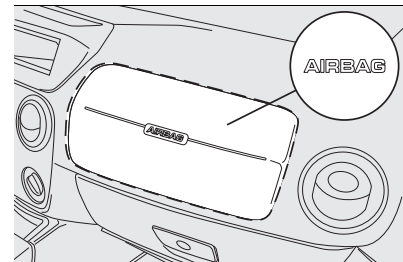
FOTO052

This consists of an instant-inflating bag contained in a special compartment

in the centre of the steering wheel fig. 153.

### PASSENGER'S FRONT AIRBAG

(for versions/markets, where provided)



154

FOTO033

This consists of an instantly inflating bag contained in a special compartment in the dashboard fig. 154: this bag has a larger volume than the driver's.



### PASSENGER'S FRONT AIRBAG AND CHILD RESTRAINT SYSTEMS

Rearward-facing child restraint systems must NEVER be fitted on the front seat with an active passenger's 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. 155.




155

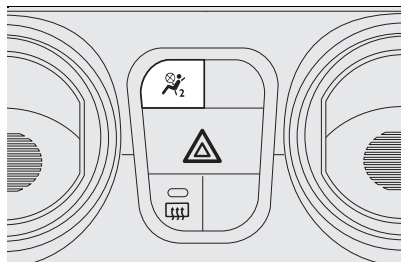
FOT0950

### Manual deactivation of front passenger airbag and chest-pelvis side bag

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

**WARNING** To manually deactivate the front passenger airbag and chest-pelvis side bag (for versions/markets where provided), refer to the "Display" paragraph in the "Knowing the instrument panel" chapter. When the passenger front airbag and chest-pelvis side bag (for versions/markets where

provided) are activated again, the warning light switches off. The warning light  on the central dashboard fig. 156 shows the passenger protection status.



156

FOT0505


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

If the vehicle is switched off/on again in less than 5 seconds the 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 it 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.

**Passenger protection active:** the LED  is off.

**Passenger protection deactivated:** the LED  switches on with a steady light.



### WARNING

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

**93) SERIOUS DANGER:** When there is an active passenger airbag, DO NOT install rearward facing child restraint systems on the front seat. Deployment of the airbag in a crash could cause fatal injuries to the child regardless of the severity of the collision. Therefore, always deactivate the passenger side airbag when a rearward facing child restraint system is installed on the front passenger seat. The front passenger seat must also be positioned back as far as possible in order to prevent the child restraint system from coming into contact with the dashboard. Immediately reactivate the passenger airbag as soon

as the child restraint system has been removed.



## PASSENGER SIDE FRONT AIRBAG AND CHILD RESTRAINT SYSTEMS: IMPORTANT

<b>I</b>	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.
<b>GB</b>	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
<b>F</b>	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.
<b>D</b>	Nichtbeachtung kann TOD oder SCHWERE VERLETZUNGEN zur Folge haben. Rückwärts gerichtete Kindersitzsysteme (Babyschale) dürfen nicht in Verbindung mit aktiviertem Beifahrerairbag auf dem Beifahrersitz verwendet werden
<b>NL</b>	DIT KAN DODELIJK ZIJN OF ERNSTIGE ONGELUKKEN VEROORZAKEN. Plaats het kinderstoeltje niet ruggelings op de voorstoel wanneer er een airbag aanwezig is.
<b>E</b>	PUEDE OCACIONAR MUERTE O HERIDAS GRAVES. NO ubicar el asiento para niños en sentido inverso al de marcha en el asiento delantero si hubiese airbag activo lado pasajero.
<b>PL</b>	MOŻE GROZIĆ ŚMIERCIĄ LUB CIEŻKIMI OBRAŻENIAMI. NIE WOLNO umieszczać fotelika dziecięcego tyłem do kierunku jazdy na przednim siedzeniu w przypadku zainstalowanej aktywnej poduszki powietrznej pasażera.
<b>TR</b>	ÖLÜM VEYA AĞIR ŞEKİLDE YARALANMAYA SEBEP OLABİLİR. Yolcu airbağı aktif hâlde iken çocuk koltuğunu araç gidis yönüne ters biçimde yerleştirmeyin.
<b>DK</b>	FARE FOR DØDELIGE KVÆSTELSER OG LIVSTRUENDE SKADER. Placer aldrig en bagvendt barnstol på passagerens sæde, hvis passager-airbagen er indstillet til at være aktiv (on).
<b>EST</b>	TAGAJÄRJEKS VÕIVAD OLLA TÕSISED KEHAVIGASTUSED VÕI SURM. Turvapadja olemasolu korral ärge asetage lapse turvalistet sõidusuhaga vastassuunas.
<b>FIN</b>	KUOLEMANVAARA TAI VAKAVIEN VAMMOJEN UHKA. Älä aseta lasten turvatuunta niin, että lapsi on selkä menosuuntaan, kun matkustajan airbag on käytössä.
<b>P</b>	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.
<b>LT</b>	GALI ĮŠTIKTI MIRTIS ARBA GALUTE RIMTAJ ŪSISIZIESTI. Nedėkite vaiko sėdynės atgretos nugarą į priekinį automobilio sėdikį ten, kur yra veikiant keleivio oro pagalvė.
<b>S</b>	KAN VARA LIVSHOTANDE ELLER LEDA TILL ALLVARLIGA SKADOR. Placera aldrig en bakåtvänd barnstol i framsätet då passagerarsidans krockkudde är aktiv.
<b>H</b>	HALÁSOS VAGY SÚLYOS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekülést a menetiránnyal szembe, ha az az oldalán léggzsák működik.
<b>LV</b>	VĀR IZRAISĪT NĀVI VAI NOPIETNAS TRAUMĀS. Nenovietot mazula sēdekli pretēj braukšanas virzienam, ja pasažiera pusē ir uzstādīts gaisa spilvens.
<b>CZ</b>	HROZÍ NEBEZPEČÍ VÁŽNĚHO UBLIŽENÍ NA ZDRAVÍ NEBO DOKONCE SMRTI. Neumísťujte detskou sedačku do opačné polohy vůči směru jedy v případě aktivního airbagu spolujazdce.
<b>SLO</b>	LAHKO PRIDE DO SMRTI ALI HUDIH POŠKODB. Otroškega avtomobilskega sedišča ne nameščajte v obratni smeri vožnje, če ima vozilo vgrajene značne blazine za potnike.
<b>RO</b>	SE POATE PRODUCЕ DECESUL SAU LEZIUNI GRAVE. Nu aşezaţi scaunul de maşină pentru bebeluşi în poziţie contrară direcţiei de mers atunci când airbag-ul pasagerului este activat.
<b>GR</b>	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 συντροφιάς.
<b>BG</b>	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.
<b>SK</b>	MOŽE NASTAŤ SMŤ ALEBO VÁŽNE ZRANENIA. Nedávajte autosedačku pre deti do polohy proti chodu vozidla, keď je aktívny airbag spolujazdca.
<b>RUS</b>	ТРАВМЫ И ЛЕТАЛЬНЫЙ ИСХОД. Детское кресло, устанавливаемое против направления движения, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности.
<b>HR</b>	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.
<b>AS</b>	قد تحدث حالات وفاة أو إصابات بالغة. لا تستخدم مقاعد الأمان الخاصة بالأطفال على مقعد مزود "بالوسادة هوائية" حيث أن الطفل قد يتعرض للوفاة أو الإصابة بالغة.

157

F1A0387

## SIDE BAGS

(for versions/markets, where provided)

On some versions, the vehicle may be fitted with driver and passenger chest-pelvis protection side bags.

Side bags protect occupants from side collisions of medium/high severity by placing the bag between the occupant and the internal parts of the side structure of the vehicle.

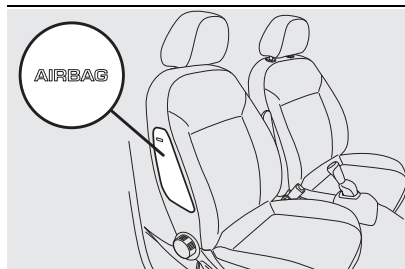
Non-activation of side bags in other types of collisions (front collisions, rear shunts, roll-overs, etc.) is not a system malfunction.

An electronic control unit causes the bags to inflate in the event of a side-on collision. The bags inflate instantaneously, placing themselves between the occupant's body and the structures which could cause injury. They deflate immediately afterwards. Side bags are not a replacement of, but rather a complement to, seat belts, which you are recommended to wear at all times, as specified by law in Europe and most non-European countries.

For this reason, the seat belt must be worn at all times. In the case of side collisions, the seat belts hold the occupant in the correct position and prevent them from being thrown out of the car by a very violent collision.

## SIDE BAGS

(for versions/markets, where provided)



158

F0T0180

This consists of an instant inflating bag housed in the front seat backrest fig. 158. It protects the chest and the pelvis of the passengers in the event of a side impact of medium-high severity.

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

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

### IMPORTANT NOTES

The front airbags and/or side bags (for versions/markets, where provided) may

be deployed if the vehicle is subject to heavy knocks or accidents involving the underbody area, such as for example violent shocks against steps, kerbs or low obstacles, or the vehicle falling into big potholes or depressions in the road.

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

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

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




according to the type of collision. Failure to activate one or more of the devices does not indicate a system malfunction.



 **94) 95) 96) 97) 98) 99) 100) 101) 102) 103)**



## WARNING

**94)** There may be a fault in the retaining systems if the warning light  does not light up when the key is turned on or remains on while travelling (on some versions with a message on the display). In this case, the airbags or the pretensioners may not be activated in the case of an accident or (in a lesser number of cases) they may be activated incorrectly. Contact a Fiat Dealership immediately to have the system checked.

**95)** Always drive with 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 the back of your seat upright and lean back into it.


**96)** In some versions, in case of LED failure  (located on the plate of the instrument panel), the warning light  on the console turns on and the passenger side airbags are deactivated.

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

**98)** Do not travel with objects in your lap, in front of your chest or held in your mouth (e.g., pipe, pencil etc.). They could cause severe injury if the airbag is deployed in a crash.

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

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

**101)** When the ignition key is turned to MAR, the  warning light (with front passenger side airbag activated) on the central dashboard switches on for a few seconds as a reminder that the passenger airbag will be deployed in the event of a crash, then it should switch off.

**102)** The front airbag deployment threshold is higher than that of the pretensioners. For impacts whose intensity

falls between the two levels, normally, only the pretensioners will be activated.

**103)** The airbag does not replace seat belts but increases their efficiency. Furthermore, since front airbags are not deployed in low-speed frontal impacts, side impacts, rear shunts or roll-overs, the passengers are protected only by the seat belts which must therefore be fastened at all times.

# STARTING AND DRIVING

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

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

STARTING THE ENGINE .....	130
HANDBRAKE .....	131
WHEN PARKED .....	132
USING THE MANUAL TRANSMISSION .....	132
CRUISE CONTROL (constant speed regulator) .....	133
SPEED BLOCK .....	134
PARKING SENSORS .....	134
Start&Stop SYSTEM .....	136
SAVING FUEL .....	139
REFUELLING THE VEHICLE .....	140
AdBlue® (UREA) ADDITIVE FOR DIESEL EMISSIONS .....	142
TOWING TRAILERS .....	143



## STARTING THE ENGINE

The vehicle is fitted with an electronic engine lock device: if the engine fails to start, see the paragraph "The Fiat CODE system" in section "Know your vehicle".

On some versions, the Start&Stop system will be activated every time the vehicle is started, even though it was deactivated before switching the vehicle off.

The engine may be noisier during the first few seconds of operation, especially after a long period of inactivity. This is due to the hydraulic tappets, the timing system chosen for petrol engine versions to reduce the number of servicing interventions, and affects neither functionality nor reliability.

 104) 105)

 16) 17) 18)

### PROCEDURE FOR PETROL AND PETROL/METHANE VERSIONS





Proceed as follows:

- engage the handbrake;
- put the gear lever into neutral;
- fully depress the clutch pedal without touching the accelerator;



turn the ignition key to AVV and release it as soon as the engine starts.

### PROCEDURE FOR DIESEL VERSIONS

Proceed as follows:

- engage the handbrake;
- put the gear lever into neutral;
- turn the key to MAR-ON position: instrument panel warning light  will light up;
- wait for the warning lights  and  to switch off. The hotter the engine is, the quicker this will happen;
- fully depress the clutch pedal without touching the accelerator;
- turn the ignition key to AVV as soon as warning light  switches off. Waiting too long will waste the heating work carried out by the plugs. Release the key as soon as the engine starts. With cold engine, the accelerator must be entirely released when turning the ignition key to position AVV.

 19)

WARNING If the engine does not start at the first attempt, return the ignition key to STOP before repeating the starting procedure. If, when the ignition key is on MAR, the instrument panel warning light  remains on together with warning light , turn the key to STOP and then back to MAR; if the

warning light remains on, try the other keys provided with the vehicle. If you still cannot start the engine, perform an emergency start (see "Emergency starting" in the "In an emergency" section) and go to a Fiat Dealership.


WARNING If start-up is requested with the gearbox faulty, carry out the "Delayed ignition" procedure (see associated messages): turn the key to the AVV position for at least 7 seconds with the brake depressed and the engine will start. The system will be in recovery mode (maximum permitted gear: 3<sup>rd</sup>, Automatic mode not available). If the engine does not start, contact a Fiat Dealership.

### WARMING UP THE ENGINE JUST AFTER IT HAS STARTED

Proceed as follows:

- drive off slowly, letting the engine turn at medium revs. Do not accelerate abruptly;
  - do not demand full performance at first.
- Wait until the engine coolant temperature gauge starts moving.

## EMERGENCY STARTING

Go to a Fiat Dealership immediately if warning light  comes on steady on the instrument panel.

 20)

## SWITCHING OFF THE ENGINE

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

**WARNING** After a taxing drive, you should allow the engine to "catch its breath" before turning it off by letting it idle to allow the temperature in the engine compartment to fall.

 21)



## WARNING

**104)** It is dangerous to run the engine in enclosed areas. The engine consumes oxygen and engine exhaust contains carbon dioxide, carbon monoxide and other toxic gasses.

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




## IMPORTANT

**16)** If the engine fails to start with a gear engaged, the potentially dangerous situation due to the fact that the transmission is automatically placed in neutral will be signalled by a buzzer.

**17)** It is advisable not to demand maximum performance from your vehicle (e.g. excessive acceleration, long distances at high speeds, excessive intense braking, etc.) during the initial period of use.

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

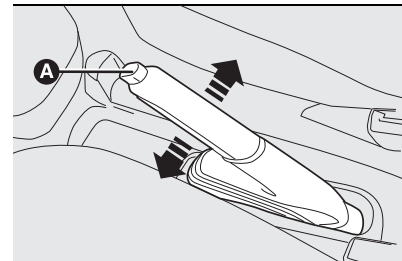
**19)** If the  warning light flashes for 60 seconds after starting or during an extended towing period, this indicates an anomaly in the glow plug pre-heating system. Use the vehicle normally if the engine starts, but contact a Fiat Dealership as soon as possible.

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

**21)** 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


The handbrake lever fig. 159 is located between the two front seats.




159

F0T0043

### Handbrake engagement:

Pull lever upwards until the vehicle is secured. The warning light  comes on with the key at MAR.

### Handbrake disengagement:

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

 106) 107) 108)



## WARNING

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

**107)** The vehicle should be secured after several clicks of the lever. If it is



*not, contact a Fiat Dealership to have it adjusted.*

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

## WHEN PARKED



Proceed as follows when parking and leaving the vehicle:

- engage a gear (1<sup>st</sup> gear if facing uphill or reverse if facing downhill) and leave the wheels turned;
  - stop the engine and engage the handbrake;
  - always remove the ignition key.
- If the vehicle is parked on a steep slope, it is advisable to block the wheels with a wedge or stone. Do not leave the key in the MAR position to prevent the battery from running down.

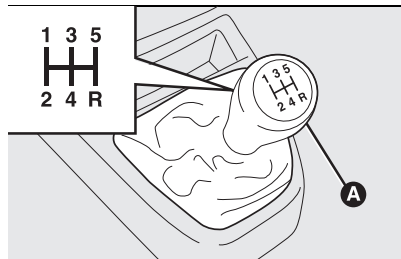


### WARNING

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

## USING THE MANUAL TRANSMISSION

To engage the gears, press the clutch pedal fully and put the gear lever (A) fig. 160 into the required position (the diagram for gear engagement is shown on the lever knob).



160

FOT0055

**WARNING** Reverse may only be engaged when the vehicle is at a standstill. With the engine running, wait for at least 2 seconds with the clutch pedal fully depressed before engaging reverse to prevent damage to the gears and grating.



110)



22)



### WARNING

**110)** *Press the clutch pedal fully to shift gears correctly. It is therefore essential that there is nothing under the pedals: make sure the mats are lying flat and do not get in the way of the pedals.*



### IMPORTANT


**22)** *Do not drive with your hand resting on the gear lever as the force exerted, even if slight, could lead over time to premature wear of the gearbox internal components. The clutch pedal should be used only for gear changes. Do not drive with your foot resting on the clutch pedal, however lightly. For versions/markets where provided, the electronic clutch control could cut in, interpreting the incorrect driving style as a fault.*

## CRUISE CONTROL (constant speed regulator)

(for versions/markets, where provided)

This is an electronic driving aid that allows you to drive at a speed of above 30 km/h on long and straight dry roads with few driving changes (e.g. motorways) at a preset speed without having to press the accelerator pedal. It is therefore not recommended to use this device on extra-urban roads with traffic. Do not use the device in town.

### Activating the device

When the device is activated, light  comes on together with the relevant message on the instrument panel (for versions/markets, where provided). The speed adjustment function cannot be activated in 1<sup>st</sup> or reverse gear; it is advisable to activate the function in 4<sup>th</sup> or higher gears.

When travelling downhill with the device activated, the vehicle speed may exceed the memorised one.

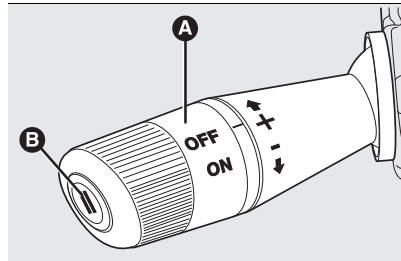
### Storing vehicle speed

Proceed as follows:

turn ring (A) fig. 161 to the ON position and press the accelerator pedal so that the vehicle reaches the desired speed;

move the stalk upwards (+) for at least one second, then release it. The vehicle speed is now stored and you can therefore release the accelerator pedal.

If necessary (e.g. when overtaking) acceleration is possible by simply pressing the accelerator pedal: releasing the accelerator pedal the car will return to the speed stored previously.



161

F0T0405

### Restoring the stored speed

If the device has been deactivated, for example by depressing the brake or clutch pedal, the stored speed can be restored as follows:

- accelerate progressively until a speed close to that stored is reached;
- engage the gear selected at the time that the speed was stored;
- press the (B) fig. 161 button.

### Increasing the stored speed

This can be done in two ways:

by pressing the accelerator and storing the new speed reached; or

by moving the stalk upwards (+). Each activation of the lever corresponds to an increase in speed of about 1 km/h, whilst keeping the lever upwards varies the speed continuously.

### Reducing the memorised speed

This can be done in two ways:

by deactivating the device and then storing the new speed or

by moving the stalk downwards (-) until the new speed, which will be stored automatically, is reached.

Each movement of the stalk will correspond to a slight reduction in speed of about 1 km/h, while keeping the stalk held downwards will decrease the speed continuously.

### Deactivating the device

The device can be switched off by the driver in the following ways:

- by turning ring (A) to the OFF position;
- by switching off the engine;

### Deactivating the function

The device can be switched off by the driver in the following ways:


by pressing the brake pedal when the device is adjusting the speed;



- ❑ by pressing the clutch pedal when the device is adjusting the speed;
- ❑ by pressing button (B) fig. 161 when the device is adjusting the speed (for versions/markets, where provided);
- ❑ by pressing the accelerator pedal; in this case the system is not actually turned off but the acceleration request takes priority; the cruise control remains activated, without the need to the press button (B) fig. 161 to restore the previous conditions once the acceleration is over).

The device is automatically switched off in the following cases:

- ❑ if the ABS or ESC systems intervene;
- ❑ with the vehicle speed below the set limit;
- ❑ in the event of system failure.

 111) 112)



### WARNING

**111)** While driving with the device active, never move the gear lever to neutral.

**112)** In the event of device faults or failures, turn knob (A) to OFF and contact a Fiat Dealership.

## SPEED BLOCK

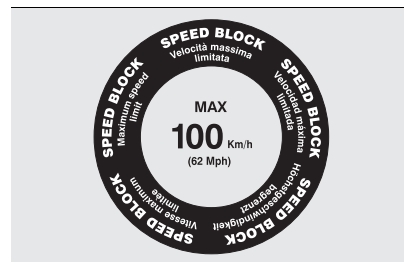
(for 1.3 MultiJet versions with manual transmission)

The vehicle is equipped with a speed limitation function that can be set on the user's request to one of four default values: 90, 100, 110, 130 km/h.

To activate/deactivate this function, contact a Fiat Dealership.

Following the operation, a sticker fig. 162 will be applied to the windscreen showing the top speed setting.

**IMPORTANT** The speedometer could indicate a higher maximum speed than the effective one, set by the Dealership, in accordance with the regulations in force.



162

FOT0330

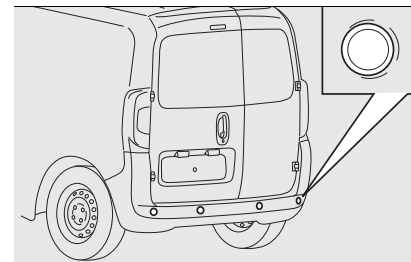
## PARKING SENSORS

(for versions/markets, where provided)

 113)

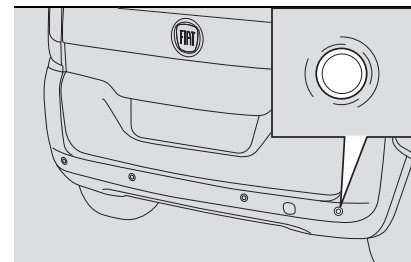
 23)

These are located in the rear bumper of the vehicle fig. 163 (Fiorino version) or fig. 164 (Qubo version) and their function is to inform the driver, through an intermittent acoustic warning, about the presence of obstacles behind the vehicle.



163

FOT0155



164

FOT0211

## ACTIVATION / DEACTIVATION

The sensors are automatically activated when reverse gear is engaged.

The buzzer becomes more frequent as the obstacle behind the vehicle gets closer to the bumper.

## ACOUSTIC WARNING

When reverse gear is engaged an intermittent acoustic warning is automatically activated.

The frequency of the acoustic warning:

- ▣ increases as the distance between the vehicle and the obstacle decreases;
- ▣ become continuous when the distance between the vehicle and the obstacle is less than 30 cm and stop immediately if the distance increases;
- ▣ it remains constant if the distance between vehicle and obstacle remains unchanged; if this situation concerns the side sensors, the buzzer will stop after about 3 seconds to avoid, for example, warning indications in the event of manoeuvres along walls.

## Detection distances

If several obstacles are detected by the sensors, only the nearest one is considered.

## FAULT INDICATIONS

Any parking sensor failures will be indicated when engaging reverse by the warning light  in the instrument

panel together with the message in the multifunction display (for versions/markets where provided), see "Warning lights and messages" section in the "Knowing the instrument panel" chapter.

## OPERATION WITH A TRAILER

The operation of the sensors is automatically deactivated when the plug for the electric cable for the trailer is inserted in the vehicle tow hook socket.

The sensors are automatically reactivated when the trailer's cable plug is removed.

**WARNING** If you wish to leave the tow hook fitted without towing a trailer, it is advisable to contact a Fiat Dealership for the relevant system update operations because the tow hook could be detected as an obstacle by the central sensors.

**WARNING** If you wish to leave the tow hook fitted without towing a trailer, it is advisable to contact a Fiat Dealership for the relevant system update operations because the tow hook could be detected as an obstacle by the central sensors.

## GENERAL WARNINGS

- ▣ During parking manoeuvres, pay the utmost attention to any obstacles that could be located above or below the sensors.
  - ▣ Sometimes, objects located very near the rear of the vehicle are not detected and could therefore damage the vehicle or be damaged themselves.
  - ▣ The signals sent out by the sensors can be altered by dirt, snow or ice deposited on the sensors or by ultrasound systems (e.g. truck pneumatic brakes or pneumatic drills) near the vehicle.
  - ▣ The parking sensors work properly with the swing doors closed. If they are open, they can cause the system to send false signals: always close the rear doors.
  - ▣ Also, do not apply stickers to the sensors.
- The following conditions may influence the performance of the parking assistance system:
- ▣ Reduced sensor sensitivity and a reduction in the parking assistance system performance could be due to the presence on the surface of the sensor of: ice, snow, mud, thick paint.
  - ▣ The sensor may detect a non-existent obstacle (echo noise) due to mechanical noises, for example when



washing the vehicle, in case of rain, strong wind, hail.

- ❑ The warnings sent by the sensor can also be altered by the presence of ultrasonic systems (e.g. pneumatic brakes of trucks or pneumatic drills) near the car.
- ❑ Detection of obstacles in the upper part of the vehicle (particularly in the case of vans or chassis cabs) may not be guaranteed because the system detects obstacles that could strike the lower part of the vehicle.



### WARNING

**113)** *Parking manoeuvres, however, are always the driver's responsibility. While carrying out these manoeuvres, always make sure that no people (especially children) or animals are in the area concerned. The parking sensors are used to assist the driver, who must never allow his attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds.*



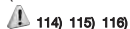
### IMPORTANT

**23)** *The sensors must be clean of mud, dirt, snow or ice in order for the system to operate correctly. Be careful not to scratch or damage the sensors while cleaning them. Avoid using dry, rough or hard cloths. The sensors should be washed*

*using clean water with the addition of car shampoo if necessary. When using special washing equipment such as high pressure jets or steam cleaning, clean the sensors very quickly keeping the jet more than 10 cm away.*

## Start&Stop SYSTEM

(for versions/markets, where provided)



114) 115) 116)

### IN BRIEF

*The Start&Stop device automatically stops the engine each time the vehicle is stationary and all the conditions for automatic switch-off have been met, and starts it again when the driver wants to move off. This improves the efficiency of the vehicle by reducing fuel consumption, the emission of harmful gases and noise pollution.*

## OPERATING MODE

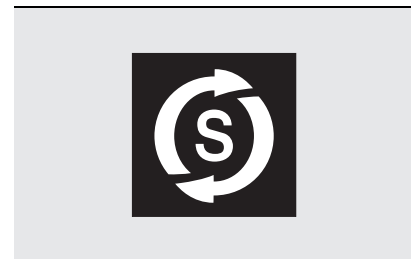
### Stopping the engine WITH MANUAL GEARBOX

With the vehicle stationary, the engine stops with the gearbox in neutral and the clutch pedal released.

**Note** The engine can only be stopped automatically after exceeding about 10

km/h, to prevent the engine from being repeatedly stopped when driving at walking pace.

The engine being stopped is signalled by a symbol fig. 165 on the display, depending on the trim level.



165

FOT0425

### Restarting the engine WITH MANUAL GEARBOX

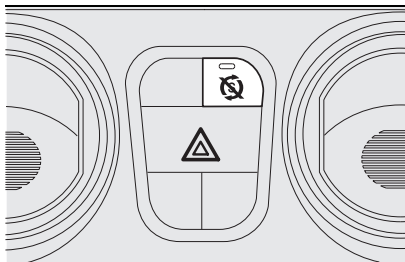
Depress the clutch pedal to restart the engine.

### MANUAL ACTIVATION AND DEACTIVATION

The device can be turned on/off by means of the button shown in fig. 166 on the dashboard. When the function is not active, the button LED is on. In addition, on some versions, additional information concerning the deactivation or activation of the Start&Stop system is given through a message on the display.

On some versions, the Start&Stop system will be activated every time

the vehicle is started, even though it was deactivated before switching the vehicle off.



166

F0T0426

## MISSED ENGINE STOPPING CONDITIONS

With the device activated, for reasons of comfort, limiting emissions and safety, the engine does not stop in certain conditions, including:

- engine still cold;
- particularly cold external temperatures, if the corresponding indication is provided;
- battery not sufficiently charged;
- particulate filter regeneration in progress (diesel engines only);
- driver's door not shut;
- driver's seat belt not fastened;
- reverse gear engaged (for example, for parking manoeuvres);
- automatic climate control, if a suitable thermal comfort level has not

yet been reached or MAX-DEF function activation;

- during the first period of use, to initialize the system.

In the above cases, the warning light fig. 165 flashes and, where available, there is a message in the display.

## RESTARTING CONDITIONS

For reasons of comfort, limiting harmful emissions and safety purposes, the power unit can restart automatically without any action on the part of the driver if certain conditions are met, including:

- battery not sufficiently charged;
- reduced braking system vacuum (e.g. if the brake pedal is pressed repeatedly);
- vehicle in motion (e.g. when driving on roads with a gradient);
- stopping the engine through the Start&Stop system for more than about three minutes;
- automatic climate control system for adjusting the thermal comfort level or to enable MAX-DEF function.

With a gear engaged, the engine can be automatically restarted only by fully depressing the clutch pedal. The driver is asked to perform this operation by the instrument panel warning light

fig. 165 flashing and, where provided, the message in the display.

**Note** If the clutch is not pressed, when three minutes have elapsed since the engine was stopped, the engine can only be restarted using the key.

**Note** In cases of undesired engine stops, due for example to the clutch pedal being released abruptly with a gear engaged, if the Start&Stop system is activated, the engine can be restarted by fully depressing the clutch pedal or by placing the gear lever in neutral.

## SAFETY FUNCTIONS

In engine cut-out conditions through the Start&Stop system, if the driver unfastens his/her seat belt and opens the driver's door or the passenger door, the engine can be restarted only by using the key.

The driver is notified of this condition by a buzzer, through the instrument panel warning light fig. 165 flashing and, where provided, by a message in the display.

## "ENERGY SAVING" FUNCTION

(for versions/markets, where provided)

If, after the engine has been automatically restarted, the driver does not take any action for a period of about 3 minutes, the Start&Stop



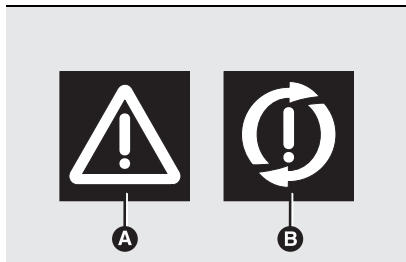
system will definitively stop the engine to avoid fuel consumption. The engine can only be started using the key in such cases.

**Note** In any case, it is possible to keep the engine running by deactivating the Start&Stop system.

### IRREGULAR OPERATION

In the case of malfunctions the Start&Stop system is disabled. The driver is informed of the problem by the general failure warning (A) fig. 167, where provided, coming on with an information message and the system failure symbol (B) fig. 167 in the instrument panel.

In this case, contact a Fiat Dealership.



167

FOT0427

### VEHICLE INACTIVITY

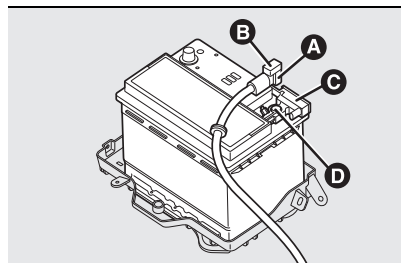
In the event of vehicle inactivity, special attention must be paid to the disconnection of the battery power supply.

The procedure is carried out disconnecting the connector (A) fig. 168 (pressing the button (B)) from the sensor (C) monitoring the battery conditions, on the negative pole D of the battery; This sensor should never be disconnected from the pole except if the battery is replaced.

**WARNING** After turning the ignition key to STOP, wait at least 1 minute before disconnecting the electrical supply to the battery.



117



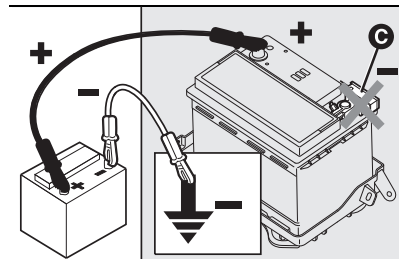
168

FOT0428

### EMERGENCY STARTING

In the event of jump starting fig. 169 with a booster battery, never connect the negative lead (-) of the booster battery to the negative terminal (C) of the vehicle battery, but rather to an engine/gearbox earth point (follow the lead connection procedure described

in the "Jump starting" paragraph in the chapter "In an emergency").



169

FOT0429



### WARNING

**114)** Before opening the bonnet, make sure that the vehicle is switched off and the key is in the OFF position. Please follow the instructions on the decal near the front crossmember. It is advisable to extract the key when there are other people in the vehicle.

**115)** The vehicle should always be evacuated after the key has been removed or turned to the OFF position. When refuelling, make sure that the car is switched off with the key in the OFF position.

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

**117)** If the battery needs to be replaced, always contact a Fiat Dealership. Replace the battery with a new one of the same type and specifications.

## SAVING FUEL

Here are some useful tips to save fuel and minimise harmful emissions of CO<sub>2</sub> and other pollutants (nitric oxides, unburnt hydrocarbons, fine dusts etc.).

### GENERAL INFORMATION

The general factors that affect fuel consumption are listed below.

#### Vehicle maintenance

Have checks and adjustments carried out in accordance with the “Scheduled Servicing Plan”.

#### Tyres

Check the pressure of the tyres routinely at an interval of no more than 4 weeks: if the pressure is too low, consumption levels increase as resistance to rolling is higher.

#### Unnecessary loads

Do not travel with an overloaded luggage compartment. The weight of the vehicle (especially when driving in town) and its geometry greatly affect fuel consumption and stability.

#### Roof rack/ski rack

Remove the roof rack or the ski rack from the roof after use. These accessories reduce the aerodynamic coefficient of the vehicle and have a negative effect on fuel consumption.

When transporting particularly large objects, use a trailer if possible.

#### Electric devices

Use electrical devices only for the amount of time needed. The heated rear window, additional headlights, windscreen/rear window wipers and heater fan need a considerable amount of energy, therefore increasing fuel consumption (by up to 25% in the urban cycle).

#### Climate control module

Air conditioning leads to higher fuel consumption (on average up to +20%). If the temperature outside permits, try and use the ventilation only.

#### Devices for aerodynamic control

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

### DRIVING STYLE

The main driving styles that affect fuel consumption are listed below.

#### Start

Do not warm up the engine at low or high revs when the vehicle is stationary; this causes the engine to warm up more slowly, thereby increasing fuel consumption and emissions. It is therefore advisable to move off immediately, slowly, avoiding high

speeds: in this way the engine will warm up more quickly.

#### Unnecessary actions

Avoid accelerating when stopped at traffic lights or before switching off the engine. This action and also double declutching is absolutely pointless on modern cars and also increases consumption and pollution.

#### Gear selection

As soon as the conditions of the traffic and road permit, use a higher gear. Using a low gear for faster acceleration will increase fuel consumption.

In the same way improper use of a high gear increases consumption, emissions and engine wear.

#### Top speed

Fuel consumption increases considerably with speed. Maintain a constant speed, avoiding unnecessary braking and acceleration, which cost in terms of both fuel consumption and emissions.

#### Acceleration

Accelerating violently will greatly affect consumption and emissions: acceleration should be gradual.

#### CONDITIONS OF USE

The main usage conditions that negatively affect fuel consumption are listed below.



**Cold starting**

Short journeys and frequent cold starts do not allow the engine to reach optimum operating temperature.

Consequently, both consumption (from +15 to +30% on the urban cycle) and emissions will increase.

**Traffic and road conditions**

Rather high consumption levels are linked to situations with heavy traffic, for instance when travelling in queues with frequent use of the lower gears or in cities with many traffic lights.

Winding mountain roads and rough road surfaces also adversely affect consumption.

**Stops in traffic**

During prolonged hold-ups (e.g. level crossings) the engine should be switched off.

**REFUELLING THE VEHICLE**

 118)

 24) 25)

**PETROL ENGINES**

Use unleaded petrol only, with an octane number (R.O.N.) not lower than 95.

**WARNING** For correct operation of the engine, only use "Metallic Additive Free" petrol. The use of petrol with metallic additives, which are identified as "Containing metallic additive" may damage the catalyst beyond repair.

**WARNING** An inefficient catalytic converter leads to harmful exhaust emissions, thus contributing to air pollution.

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

**DIESEL ENGINES**

Only use Diesel fuel for motor vehicles (EN590 specification).

**Operation at low temperatures**

If the outside temperature is very low, diesel thickens due to the formation of paraffin clots with consequent defective operation of the fuel supply system.

In order to avoid these problems, different types of diesel are distributed according to the season: summer type, winter type and arctic type (cold/mountain areas). If refuelling with diesel whose specifications are not suitable for the usage temperature, it is advisable to mix PETRONAS DURANCE DIESEL ART additive in the proportions shown on the container with the fuel. Pour the additive into the tank before the fuel.

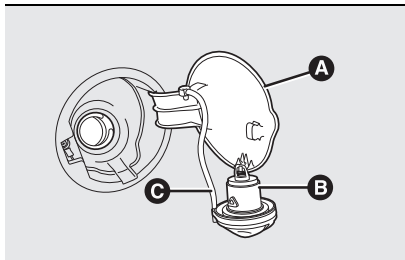
When using or parking the vehicle for a long time in the mountains or cold areas, it is advisable to refuel using locally available diesel fuel.

In this case, it is also advisable to keep the tank over 50% full.

**REFUELLING CAPACITY**

To ensure that you fill the tank completely, top up twice after the first click of the fuel supply gun. Further top-ups could cause faults in the fuel feeding system.

## FUEL TANK CAP



170

FOT0068

### Opening

1) Open the flap (A) fig. 170 by pulling it outwards, keep the cap (B) fig. 170 still, insert the ignition key in the lock and turn it anticlockwise.

2) Turn the cap anticlockwise and remove it.

The cap has a device (C) fig. 170 which attaches it to the flap so that it cannot be lost. When refilling, attach the plug to the flap, as shown.

### Closing

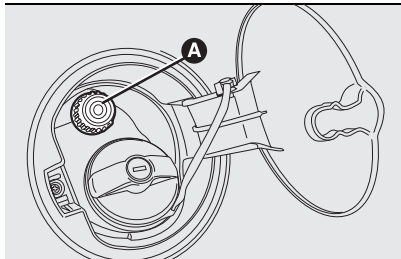
1) Fit the cap (complete with key) and turn it clockwise until it clicks once or more.

2) Turn the key clockwise and extract it, then close the flap.

The sealing may cause a slight pressure increase in the tank. A little breathing off, while slackening the cap is absolutely normal.

## NATURAL POWER VERSIONS METHANE GAS FILLER

The methane filler is located near the petrol filler fig. 171.



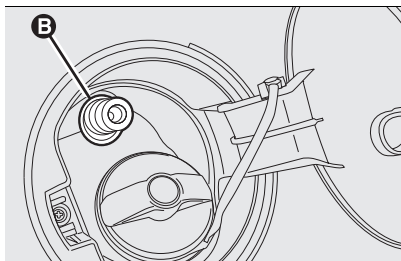
171

FOT0360

It has a check valve, located in the filler body.

To access the filler, undo the cap (A) fig. 172 turning it anticlockwise.

The profile of filler (B) fig. 172 for refilling is the universal type compatible with Italian and NGV1 standards.



172

FOT0346

In some European countries adapters are considered ILLEGAL (e.g. in Germany).

For service stations with cubic metre (m<sup>3</sup>) nozzles (pressure differential) the check valves must be released by delivering a small amount of methane to measure the residual pressure in the cylinder.

The plates (provided with the vehicle documentation) contain the date for the first inspection of the cylinders.

 26)

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

The symbols shown below aid recognising the correct fuel type to be used on your vehicle. Before proceeding with refuelling, check the symbols inside the fuel filler flap (where provided) and compare them with the symbols shown on the fuel pump (where provided).

### Symbols for petrol fuelled vehicles



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

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

### Symbols for diesel fuelled vehicles



**B7:** Diesel containing up to 7% (V/V) of FAME (Fatty Acid Methyl Esters) compliant with **EN590**.

**B10:** Diesel containing up to 10% (V/V) of FAME (Fatty Acid Methyl Esters) compliant with **EN16734**.

### Symbols for petrol/methane bi-fuel cars



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

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

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



### WARNING

**118)** Do not approach naked flames or lit cigarettes to the fuel tank filler: fire risk. Keep your face away from the fuel filler to prevent breathing in harmful vapours.



### IMPORTANT

**24)** For diesel engines, use only diesel fuel for motor vehicles in accordance with EN590 European specifications. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused. If you accidentally introduce other types of fuel into the tank, do not start the engine. Empty the tank. If the engine has been run for even an extremely limited amount of time, you must not only drain the fuel tank, but the rest of the supply circuit as well.

**25)** You must not open the right sliding side door with the fuel cap open while refuelling. Check that the fuel cap is closed while opening/closing the sliding side door.

**26)** Methane refuelling stations are not authorised to refill the cylinders when the inspection date has expired. The check valve prevents the methane from flowing back to the fuel filler.

## AdBlue® (UREA) ADDITIVE FOR DIESEL EMISSIONS

The vehicle is equipped with an UREA fuel injection system and a Selective Catalytic Reduction catalyst to meet the emission standards.

These two systems ensure compliance with the diesel emissions requirements; at the same time, they ensure fuel-efficiency, handling, torque and power. For messages and system warnings, refer to the "Warning lights and messages" paragraph in the "Knowing the instrument panel" chapter.

**AdBlue®** (UREA) is considered a very stable product with a long shelf life. Stored at temperatures LOWER than 32 °C, it has a shelf life of at least one year.

For more information on the **AdBlue®** liquid type, see the "Fluids and lubricants" paragraph in the "Technical specifications" chapter.

The vehicle is provided with an automatic **AdBlue®** heating system when the engine starts allowing the system to work correctly at temperatures lower than -11 °C. **IMPORTANT AdBlue®** freezes at temperatures lower than -11 °C.

## TOWING TRAILERS

### IMPORTANT NOTES

The vehicle must be equipped with a type-approved tow hook and adequate electrical system to tow trailers. Installation should be carried out by specialised technicians who will issue the required papers for travelling on roads.

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

Remember that, when towing a trailer, steep hills are harder to climb, 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 of the trailer on the vehicle tow hook will reduce the loading capacity of the vehicle 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 80 km/h.

 119) 120)



#### WARNING

**119)** *The ABS with which the vehicle may be equipped will not control the trailer's braking system. Particular caution is required on slippery roads.*

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





## IN CASE OF EMERGENCY

*Have a flat tyre or a burnt-out bulb?  
At times, a problem such as these may  
interfere with your driving experience.  
The pages on emergencies can help  
you to deal with critical situations  
independently and calmly.  
In an emergency we recommend that  
you call the toll-free number found on  
the Warranty Booklet.  
It is also possible to call the  
00 800 3428 0000 freephone number  
to search the nearest Fiat Dealership.*

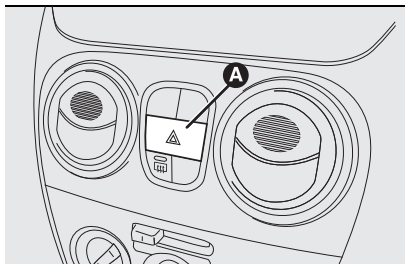
HAZARD WARNING LIGHTS .....	145
CHANGING A WHEEL .....	145
FIX & GO AUTOMATIC KIT .....	149
REPLACING A BULB .....	151
REPLACING AN EXTERIOR BULB .....	155
REPLACING INTERIOR BULBS ....	158
FUSE REPLACEMENT .....	160
EMERGENCY STARTING .....	168
FUEL CUT-OFF SYSTEM .....	169
TOWING THE VEHICLE .....	169

## HAZARD WARNING LIGHTS

They are turned on by pressing switch (A) fig. 173, regardless of the position of the ignition key.

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



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



173

F0T0049

### Emergency braking (for versions/markets where provided)


In the event of emergency braking the hazard warning lights come on automatically, as do the  and  warning lights in the panel. The function

switches off automatically when the nature of the braking changes. This function complies with the relevant legislation currently in force.

## CHANGING A WHEEL

The vehicle is originally equipped with the Fix&Go Automatic quick tyre repair kit (see instructions in the next section). As an alternative, the vehicle may have a normal-sized spare wheel.

Wheel changing and correct use of the jack and spare wheel call for some precautions, as listed below.

 121) 122) 123) 124) 125) 126) 127)

 27) 28)

## JACK

Please note that:

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

## WHEEL REPLACEMENT PROCEDURE

To change a wheel, proceed as follows:

- stop the vehicle in a position that is not dangerous for oncoming traffic where you can change the wheel

safely. The ground must be flat and sufficiently compact;

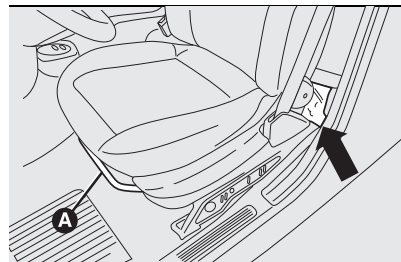
- switch off the engine and pull the handbrake;

- engage first gear or reverse;

- before getting out of the vehicle, put on the reflective safety jacket (if required by the regulations in force). In any case, follow the road safety laws in force in the country where you are driving;

- indicate that the vehicle has broken down using the devices required by the law in the current country (e.g. warning triangle, hazard lights, etc.);

- For Fiorino Cargo versions: lift lever (A) fig. 174 and move the left front set backrest forward to retrieve the tool bag located behind the backrest: release the elastic strap and take the tool bag to the wheel to be changed;



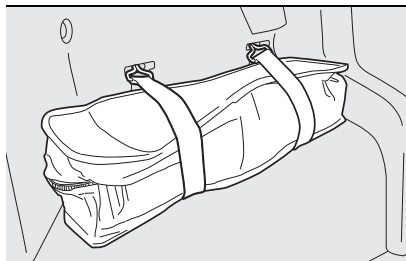
174

F0T0119

- for Fiorino Combi and Qubo versions: open the rear swing doors, take the



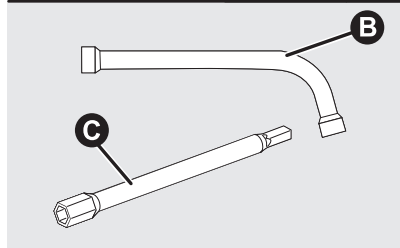
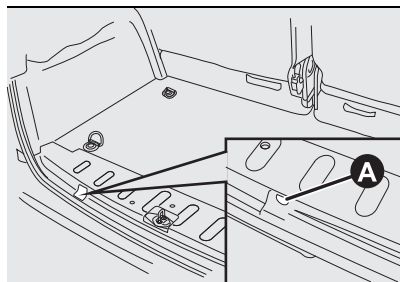
tool bag fig. 175 located on the left of the boot by releasing the elastic straps and take to the wheel to be replaced;



175

FOT0206

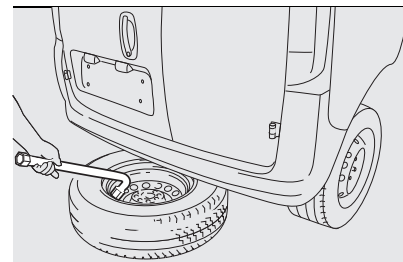
□ take wheel spanner (B) fig. 176 and the extension with pentagonal fitting (C); inside the load area, fit extension (C) on bolt (A); use spanner (B) to lower the wheel by unwinding the wire;



176

FOT0922

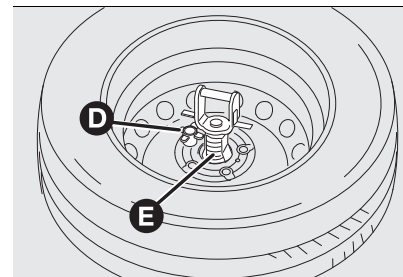
□ use the wheel spanner (B) to remove the wheel from the vehicle fig. 177;  
 □ unscrew knob (D) fig. 178 and release the rim from bracket (E), removing it from the hole of the rim;



177

FOT0168

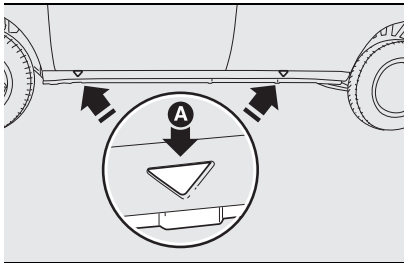
□ for vehicles with alloy rims, remove the hub cap;  
 □ loosen the fixing bolts of the wheel to be replaced by about one turn, using the spanner provided;  
 □ for wheels with steel rims, remove the wheel cap;



178

FOT0923

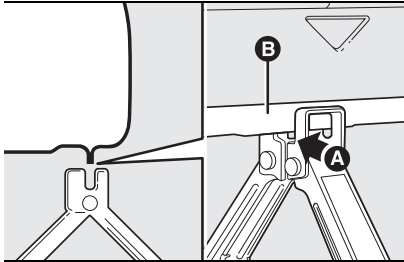
□ turn the jack to open it partially and then position it under the vehicle at the references (A) fig. 179 near the wheel to be replaced;



179

FOT0125

- operate the jack so as to open it until the groove (A) fig. 180 of the jack is correctly inserted in the lower profile (B) on the side member;



180

FOT0126

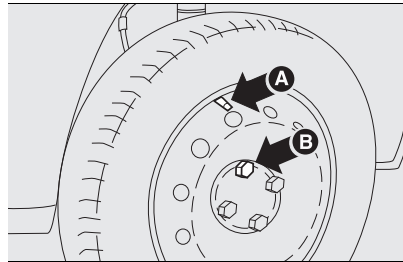
- warn anybody nearby that the vehicle is about to be lifted. They must stay clear and not touch the vehicle until it is back on the ground;
- operate the jack and lift the vehicle until the wheel is several centimetres off the ground. When turning the crank, ensure that it rotates freely in order to

avoid grazing your hands against the ground. The moving components of the jack (screws and joints) can also cause injuries: avoid touching them. If you come into contact with lubricating grease, clean yourself thoroughly;

- fully loosen the four fastening bolts and remove the wheel;


- make sure the contact surfaces between spare wheel and hub are clean so that the fastening bolts will not come loose;

- for vehicles with steel rims, fit the standard wheel by inserting the first bolt (B) fig. 181 two threads into the hole closest to the inflation valve (A);

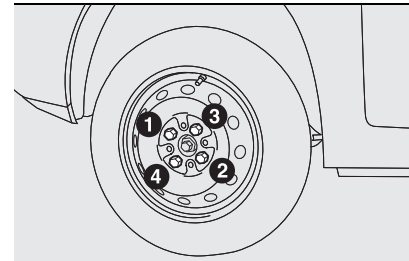


181

FOT0282

- fit the hub cap, making sure that the symbol  (on the cup) aligns with the inflation valve, and then insert the other three bolts;
- tighten the bolts using the spanner provided;

- for vehicles with alloy rim, fit the hub cap;
- turn the jack handle to lower the vehicle, and remove the jack;
- use the wrench provided to fasten the bolts completely in a criss-cross fashion as shown in fig. 182.



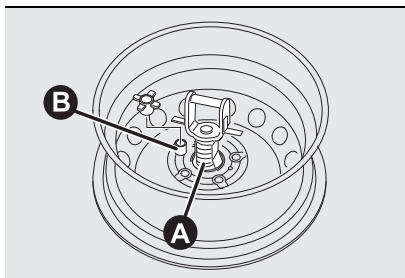
182

FOT0128

### At the end of the operation

- fix bracket (A) fig. 183 to the wheel after passing it through the hole, insert the threaded pin into one of the bolt holes and secure by tightening knob (B);

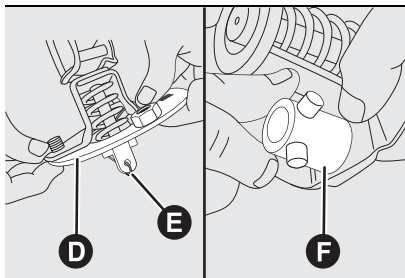




183

FOT0924

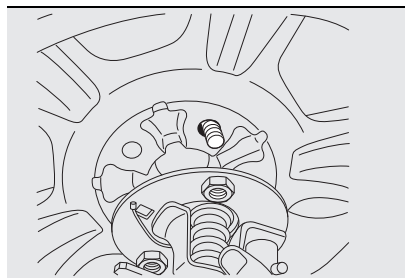
□ for vehicles with alloy wheels, take the adapter (D) fig. 184 and introduce the bracket (E) into the adapter (D), insert the pin into the hole and fix with the knob (F);



184

FOT0925

□ position the wheel vertically and rest the fitted adaptor on the inside of the rim, then using the screws provided fix the wheel to the adaptor fig. 185. Tighten the screws with the wheel spanner;



185

FOT0926

- check that the position of the replaced wheel under the platform is correct (the lifting system is equipped with a clutch to limit the end of the stroke, incorrect positioning may jeopardise safety);
- lift the wheel by fastening the bolt (A) fig. 176;
- put jack and tools back in the specific tool bag;
- reposition the tool bag behind the left seat (Cargo versions) or in the boot (Combi versions);
- secure the tool box to the hooks.



### WARNING

**121)** If left in the passenger compartment, the punctured wheel and jack constitute a serious risk to the safety of occupants in the event of accidents or sharp braking.

Therefore, always place both the jack and punctured wheel in the dedicated housing.

**122)** It is extremely dangerous to attempt to change a wheel on the side of the vehicle next to the driving lane: make sure that the vehicle is at a sufficient distance from the road, to avoid being run over.

**123)** The spare wheel (for versions/markets, where provided) is specifically for your vehicle. Therefore, it must not be used on other models. Do not use spare wheels of other models on your vehicle. The spare wheel must be used only in an emergency. Use of the spare wheel must be strictly reduced to the necessary minimum.

**124)** 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. If you are on a slope or uneven surface, place wedges or other suitable objects under the wheels to secure the vehicle. Have the wheel repaired and refitted as soon as possible. Do not apply grease to the bolt threads before fitting: they could come unscrewed.

**125)** The jack is a tool developed and designed only for changing a wheel, if a tyre gets punctured or damaged, on the vehicle with which it is supplied or on other vehicles of the same model. Any other use, e.g. to jack up other vehicle models or different things, is strictly prohibited. Never use it to carry out maintenance or repairs under the vehicle or to change summer/winter wheels and vice versa: we advise you to contact a Fiat Dealership. Never go under the raised vehicle: use

it only in the positions indicated. Do not use the jack for loads higher than the one shown on its label. Never start the engine with vehicle raised. If the vehicle is raised more than necessary, everything can become more unstable, with the risk of the vehicle dropping violently. Thus, lift the vehicle only as needed in order to access the spare wheel.

**126)** 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.

**127)** Never use the space-saver spare wheel for more than strictly necessary and never exceed 80 km/h. On the space-saver wheel there is an orange label, summarising the main warnings regarding usage restrictions. Never remove or cover the label. Warning! For temporary use only! 80 km/h max.! Replace by standard wheel as soon as possible.



## IMPORTANT

**27)** When turning the jack handle make sure that it can turn freely without scraping your hand against the ground. The moving components of the jack ("worm screw" and joints) can also cause injuries: avoid touching them. If you come into contact with lubricating grease, clean yourself thoroughly.

**28)** Contact a Fiat Dealership as soon as possible to have the correct tightening of the fixing bolts checked.

## FIX & GO AUTOMATIC KIT

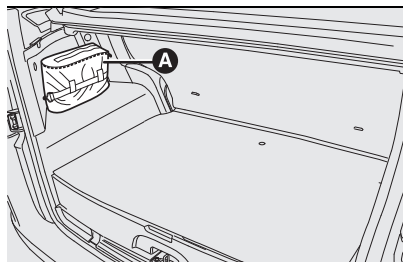
 128) 129)

 29)

The Fix&Go automatic quick tyre repair kit is located in a special container in the boot.

The Fix&Go Automatic kit is located in the luggage compartment on the left rear wheel arch (A) fig. 186 (Fiorino Combi and Qubo versions).

On Fiorino Cargo versions, the Fix&Go repair kit is located behind the driver's seat.

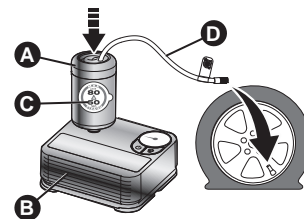


186

FOT0855

The quick tyre repair kit contains fig. 187:

- one cartridge (A) containing sealant and fitted with: transparent tube for injecting the sealant (D) and sticker (C) with the wording "Max. 80 km/h" to be placed in a clearly visible position (e.g. on the dashboard) after repairing the tyre;
- one compressor (B);
- a pair of gloves located in the hose compartment of the cartridge (D).



187

FOT0831

## TYRE REPAIRING AND PRESSURE RESTORING PROCEDURE

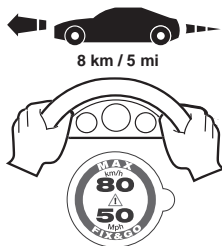
Proceed as follows:

- stop the vehicle in a position that is not dangerous for oncoming traffic where you can carry out the procedure safely. The ground must be flat and sufficiently compact;
- stop the engine, engage the hazard warning lights and the parking brake;
- before getting out of the vehicle, put on the reflective safety jacket (if



required by the regulations in force). In any case, follow the road safety laws in force in the country where you are driving;

❑ insert the sealant cartridge (A) into the corresponding compressor compartment (B) and press it down hard fig. 187. Remove the speed limit sticker (C) and apply it in a clearly visible position fig. 188;

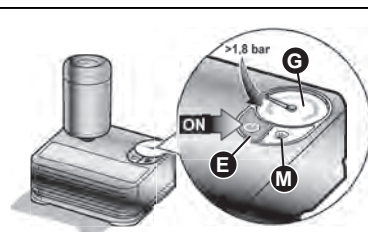


188

FOT0932

❑ wear the gloves;

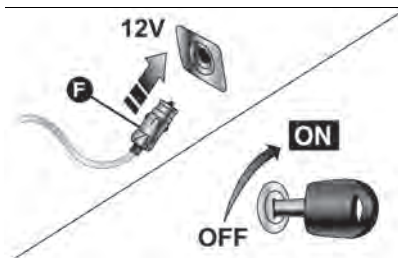
❑ remove the cap from the tyre valve and connect and screw the transparent tube of the sealant (D) fig. 187 onto the valve. If a 250 ml cartridge is present the housing of the transparent tube is provided with removable ring to facilitate extraction. Make sure that the ON/OFF button (E) fig. 189 is in the off position (button not pressed);



189

FOT0933

❑ plug the electrical connector (F) fig. 190 into the 12V socket of the vehicle and start the vehicle engine;



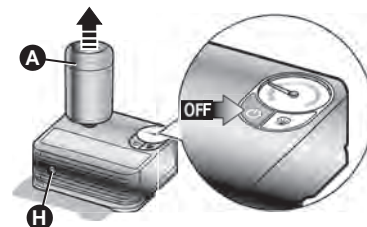
190

FOT0934

❑ operate the compressor by pressing the ON/OFF button (E) fig. 189. When the pressure shown in Owner Handbook or on the specific label appears on the pressure gauge (G), stop the compressor by pressing the ON/OFF button (E) again;

❑ disconnect the cartridge (A) from the compressor, by pressing the release

button (H) and lifting the cartridge (A) upwards fig. 191.

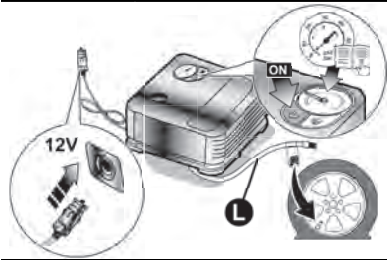


191

FOT0935

If the pressure gauge (G) fig. 189 indicates a pressure lower than 1.8 bar / 26 psi 15 minutes after starting the compressor, switch off the compressor, disconnect the sealant tube (D) from the tyre valve and remove the cartridge (A) from the compressor fig. 191.

Move the vehicle by approximately 10 m to promote the distribution of sealant; stop the vehicle safely, operate the handbrake and restore pressure using the black inflation pipe (L) fig. 192 to reach the required pressure. If also in this case, the pressure is lower than 1.8 bar / 26 psi 15 minutes after turning on, do not resume driving but contact a Fiat Dealership.



192

F0T0936

After driving for about 8 km / 5 miles, position the vehicle in a safe and suitable area and engage the handbrake. Take the compressor and restore pressure using the black inflation tube (L) fig. 192.

If the pressure shown is higher than 1.8 bar / 26 psi, restore the pressure and drive safely to a Fiat Dealership as soon as possible. If, however, the pressure is lower than 1.8 bar / 26 psi, do not resume driving but contact a Fiat Dealership.

## PROCEDURE FOR RESTORING THE PRESSURE

Proceed as follows:

- ❑ stop the vehicle safely, as shown above, and operate the handbrake;
- ❑ extract the black inflation tube (L) fig. 192 and screw it firmly onto the tyre valve. Follow the instructions shown in fig. 190 and fig. 192.

Press the air release button (M) fig. 189 to adjust any tyre overpressure.

## CARTRIDGE REPLACEMENT

Proceed as follows:

- ❑ only use original Fix&Go cartridges, which can be purchased from the Fiat Dealership.
- ❑ to remove the cartridge (A) fig. 187 press the release button (H) fig. 191 and lift it.



## WARNING

**128)** *The information required by the applicable regulation is indicated on the Fix&Go kit package label. Carefully read the label on the cartridge before use, avoid improper use. Fix&Go is subject to expiration and must be replaced periodically. The kit should be used by adults and cannot be used by children.*

**129) IMPORTANT:** *Do not exceed 80 km/h. Avoid sudden acceleration or braking. The kit provides a temporary repair, therefore the tyre must be examined and repaired by a specialist as soon as possible. Before using the kit, ensure that the tyre is not excessively damaged and that the rim is in good condition, otherwise do not use it and call roadside assistance. Do not remove foreign bodies from the tyre. Do not let the compressor turned on for more than 20 consecutive minutes - overheating hazard.*




## IMPORTANT

**29)** *The sealant fluid is effective with external temperatures from -40°C to +50°C. The sealant fluid has an expiry date and must be replaced periodically. It is possible to repair tyres with damage on the tread up to a maximum diameter of 6 mm. Show the cartridge and the label to the personnel who will handle the tyre treated with the repair kit.*

## REPLACING A BULB

### GENERAL INSTRUCTIONS

 **130) 131) 132) 133) 134)**

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

**WARNING** A slight misting may appear on the internal surface of the headlight: this does not indicate a fault and is caused by low temperature and the degree of humidity in the air. Misting will rapidly disappear when



the headlights are switched on. The presence of drops inside the headlights indicates infiltration of water. Contact a Fiat Dealership.

**WARNING**

**130)** *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.*

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

**132)** *Halogen bulbs must be handled holding the metallic part only. Touching the transparent part of the bulb with your fingers may reduce the intensity of the emitted light and even reduce the lifespan of the bulb. In the event of accidental contact, wipe the bulb with a cloth moistened with alcohol and let the bulb dry.*

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

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

## BULB TYPES

Various types of bulbs are fitted to your vehicle:

**All-glass bulb:** (type A) these are pressure fitted - pull to remove.

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**Bayonet bulb:** (type B) to remove them press the bulb and turn it anticlockwise.

---

**Cylindrical bulbs:** (type C) release them from their contacts to remove.

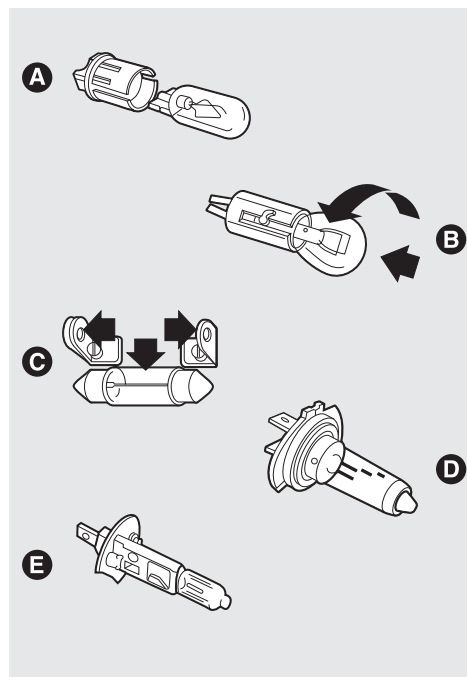
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**Halogen bulbs:** (type D) release the fastening clip from its housing to remove the bulb.

---

**Halogen bulbs:** (type E) release the fastening clip from its housing to remove the bulb.

---



**Light bulbs**

Light bulbs	Type	Power	Figure ref.
Main beam headlights	H4	55W	E
Dipped beam headlights	H4	60W	D
Front side lights	W5W	5W	A
Front direction indicators	PY21W	21W	B
Side direction indicators	WY5W	5W	A
Rear direction indicators	PY21W	21W	B
Tail lights/rear fog lights	P4/21W	4W/21W	B
Stop	P21W	21W	B
Number plate	W5W	5W	C
3rd brake light (*)	W5W	5W	A
Reverse gear	P21W	21W	B
Front fog lights (for versions/markets where provided)	H1	55W	E
Front roof light with movable lens	C	10W	C
Front ceiling light with spot lights (for versions/markets, where provided)	C	10W	C
Rear roof light (for versions/markets, where provided)	C	10W	C

(\*) WARNING For versions/markets, where provided, in the versions with tinted windows replace the whole light unit, as it is sealed.

## REPLACING AN EXTERIOR BULB

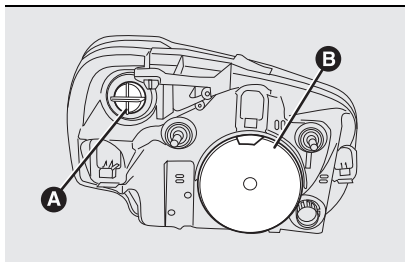
For the type of bulb and relevant power rating, see the “Changing a bulb” paragraph.

### FRONT LIGHT CLUSTERS

The front light clusters fig. 193 contain sidelight, dipped beam, main beam and direction indicator bulbs.

The bulbs are arranged inside the light cluster as follows:

- (A) Side lights/tail lights and main/dipped beam headlights;
- (B) Direction indicators.



193

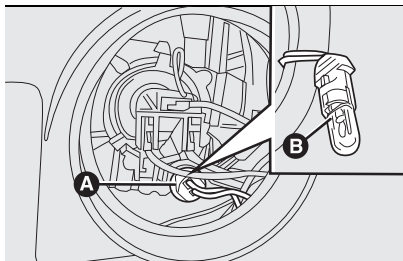
FOT0083

### SIDE LIGHTS

To replace the bulb, proceed as follows:

- remove the protective cover (A) fig. 193;
- turn the bulb holder (A) fig. 194 anticlockwise and extract it;

- extract the bulb (B) and replace it;
- refit the new bulb, put the bulb holder (A) fig. 194 back into place and then refit the protective cover (A) fig. 193 properly.



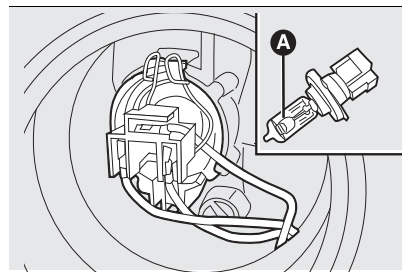
194

FOT0094

### DIPPED BEAM/MAIN BEAM HEADLIGHTS

To change the bulb (double filament), proceed as follows:

- remove the protective cover (A) fig. 193;
- release the bulb holder clip;
- extract the bulb (A) fig. 195 from the connector (B) and replace it;



195

FOT0095

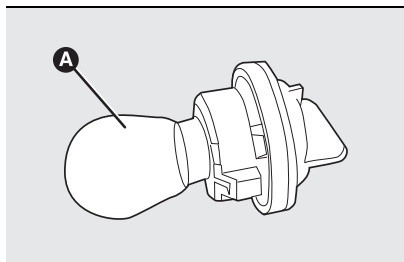
- refit the new bulb by inserting it on connector (B) and then make the contour of the metallic part mate with the grooves obtained on the headlight parabola;
- refit the bulb holder clip and refit the protective lid (A) fig. 193.

### DIRECTION INDICATORS Front

To replace the bulb, proceed as follows:

- turn the protective lid (B) fig. 193 anticlockwise;
- extract the bulb (A) fig. 196 and replace it;
- correctly refit the protective cover (B).





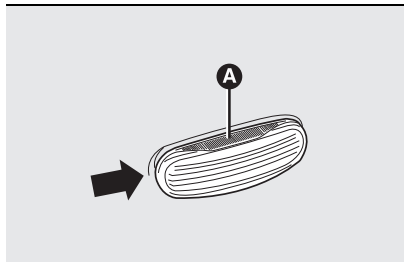
196

F0T0096

**Side**

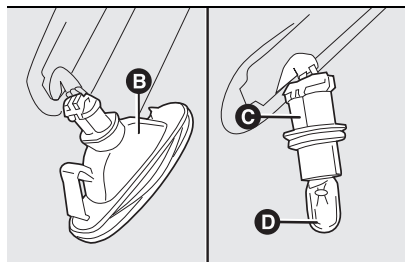
To replace the bulb, proceed as follows:

- adjust the lens (A) fig. 197 to compress in the clip (B) fig. 198, then pull the cluster outwards;
- turn the bulb holder (C) anticlockwise, extract the press-fit bulb (D) and replace it;
- refit the bulb holder (C) in the lens and turn it clockwise;
- refit the cluster making sure that the internal clip (B) clicks into position.



197

F0T0097



198

F0T0098

**FOG LIGHTS**

(for versions/markets, where provided)

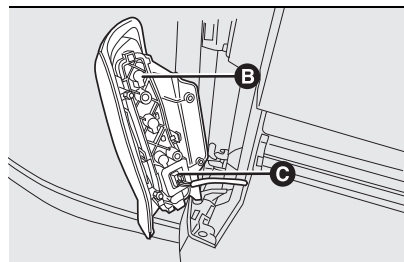
**WARNING** Contact Fiat Dealership to replace the front fog lights.

**REAR LIGHT CLUSTERS**

The rear light clusters contain the bulbs for the side lights, direction indicators and reversing/rear fog and brake lights.

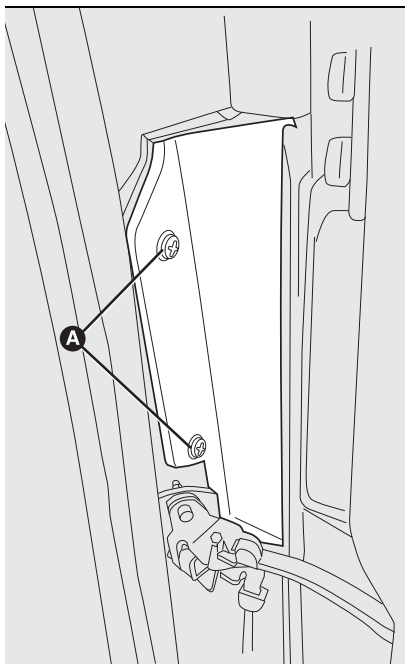
To access the light clusters, proceed as follows:

- open the rear swing doors;
- loosen the screws (A) fig. 200 as to access the light cluster (B) fig. 199;
- remove the connector (C) fig. 199.



199

F0T0100



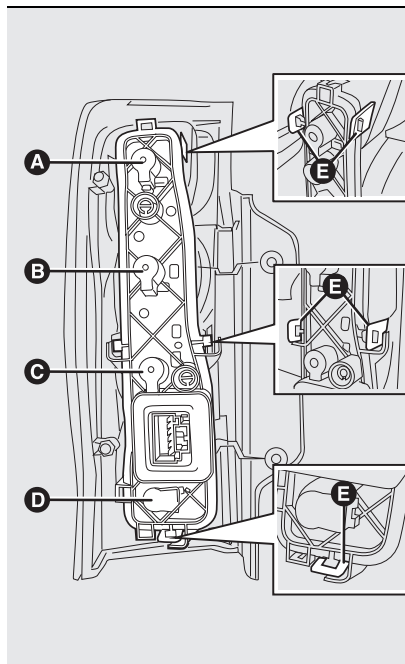
200

FOT0089

The bulbs are arranged inside the light cluster fig. 201 and fig. 202 as follows:

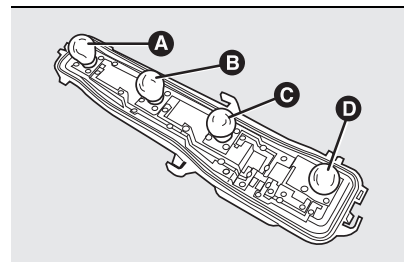
- A** Brake lights;
- B** Direction indicators;
- C** Reverse lights;
- D** Side/rear fog lights.

Pull the 5 tabs (E) fig. 201 outwards to access the bulbs.



201

FOT0101



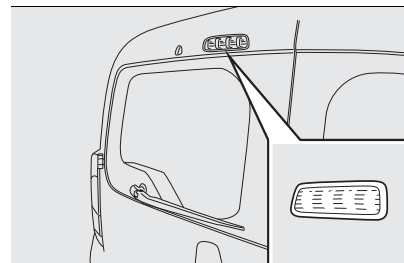
202

FOT0102

### THIRD BRAKE LIGHTS

Fiorino versions with swing door

Contact Fiat Dealership to replace the third brake lights fig. 203.



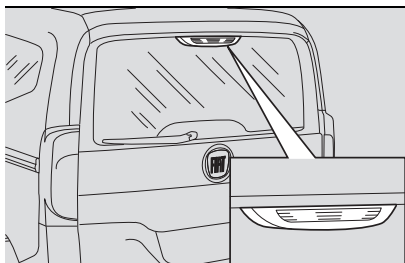
203

FOT0103

### Qubo versions with tailgate

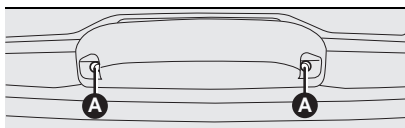
To replace the bulbs, proceed as follows fig. 204 - fig. 205:





204

FOT0212



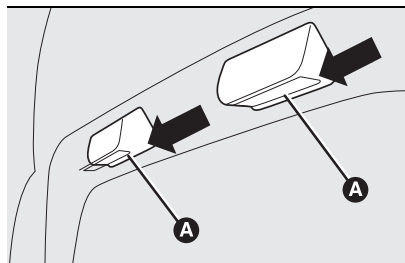
205

FOT0443

- open the tailgate and loosen the two retaining screws (A);
- disconnect the electrical connector (B);
- release the retainer tab (C) and open the bulb holder assembly;
- extract the snap-fitted bulb and replace it

### NUMBER PLATE LIGHTS

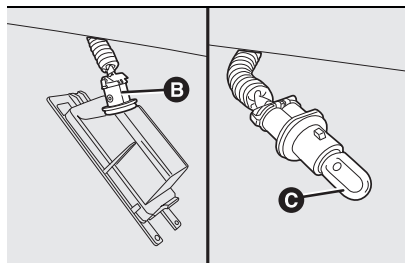
To replace the bulbs (A) fig. 206, proceed as follows:



206

FOT0104

- operate the holding tabs at the points indicated by the arrows, and remove the bulb holder;



207

FOT0105

- turn the bulb holder (B) fig. 207 anticlockwise, then remove bulb (C).

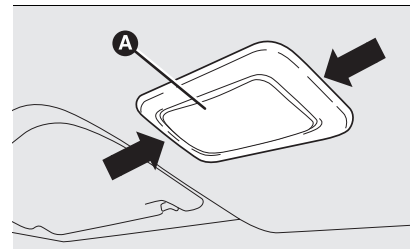
## REPLACING INTERIOR BULBS

For the type of bulb and relevant power rating, see “Changing a bulb”.

### FRONT CEILING LIGHT

#### Ceiling light with movable lens

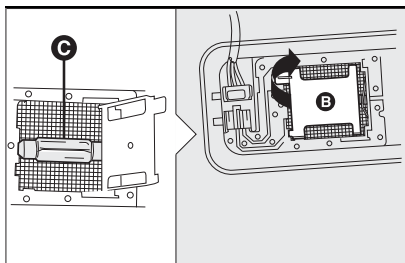
To replace the bulbs, proceed as follows:



208

FOT0106

- extract the ceiling light (A) fig. 208 by operating in the points shown by the arrows;
- open the lid (B) fig. 209 as shown;
- remove bulb (C) fig. 209 by releasing it from the side contacts, then insert the new bulb and make sure it is correctly clamped between these contacts;
- close the lid and secure the ceiling light into its housing, making sure it locks properly into place.



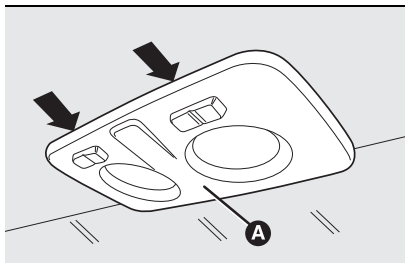
209

FOT0458

## Front ceiling light with map reading lights

(for versions/markets, where provided)

To replace the bulbs, proceed as follows:



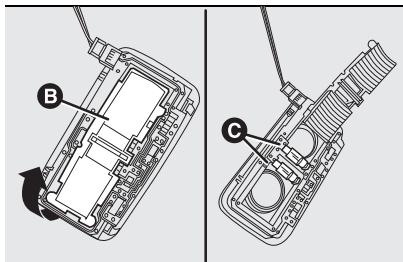
210

FOT0143

- operate in the points shown by the arrow and remove ceiling light (A) fig. 210;
- open protective flap (B) fig. 211;
- replace the bulbs (C) by releasing them from the side contacts and making sure that the new bulbs

are correctly secured between the contacts;

- re-close the flap (B) fig. 211 and fasten the ceiling light (A) fig. 210 in its housing, making sure that it locks into place.



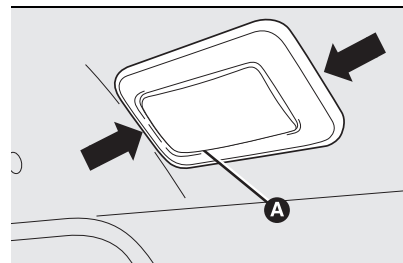
211

FOT0144

## REAR CEILING LIGHT Fiorino Cargo versions

To replace the bulb, proceed as follows:

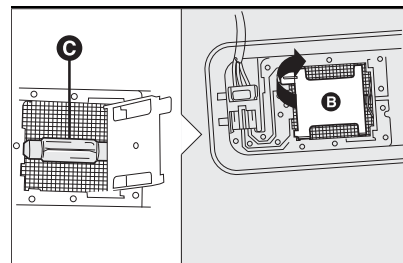
- extract the ceiling light (A) fig. 212 by operating in the points shown by the arrows;
- open the lid (B) fig. 213 as shown;



212

FOT0107

- remove bulb (C) fig. 213 by releasing it from the side contacts, then insert the new bulb and make sure it is correctly clamped between these contacts;
- close the cover (B) fig. 213 and secure the ceiling light into its housing, making sure it locks properly into place;
- close the cover (B) and secure the ceiling light into its housing, making sure it locks properly into place.



213

FOT0458

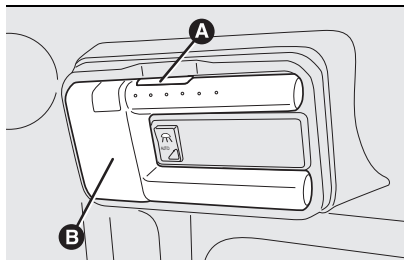


## REMOVABLE CEILING LIGHT

(for versions/markets, where provided)

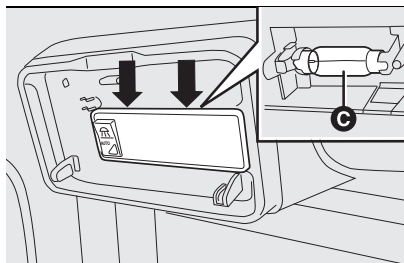
To replace the bulb, proceed as follows:

- press button (A) fig. 214 and extract the removable courtesy light (B);
- extract the ceiling light by operating in the points shown by the arrows;
- change the bulb (C) fig. 215 releasing it from the side contacts and making sure the new bulb is correctly fastened between the contacts;



214

FOT0108



215

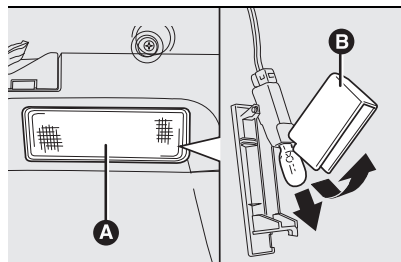
FOT0109

## BOOT COURTESY LIGHT

(for versions/markets, where provided)

To change the bulb, proceed as follows:

- open the tailgate;
- remove the light (A) fig. 216 levering in the point shown by the arrow.
- open the protection (B) replace the snap-fitted bulb;
- close the cover (B) on the lens;
- refit the ceiling light (A) by inserting it in its correct position firstly on one side and then pressing on the other until it clicks into place.




216

FOT0251

## FUSE REPLACEMENT

### GENERAL INFORMATION

For fuse replacement, contact a Fiat Dealership.

 135) 136) 137) 138) 139) 140)

 30)

Fuses protect the electrical system: they intervene (blow) in the event of a failure or improper action on the system.

Check the state of the corresponding fuse when a device does not work: the filament (A) fig. 217 should be intact.

If it is not, replace the blown fuse with another with the same ampere rating (same colour).

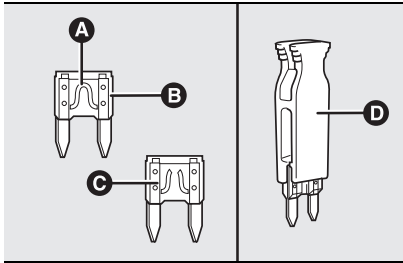
(B) intact fuse.

(C) fuse with damaged filament.

To change a fuse, use the tongs (D) located in the tool box or the Fix&Go container (for versions/markets where provided).

Refer to the tables on the following pages to identify the protective fuse.

**WARNING** The Natural Power system components are protected by specific fuses. Contact a Fiat Dealership for replacement.



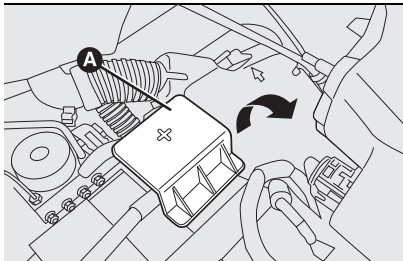
217

F0T0015

## ENGINE BAY FUSE BOX

The fuse box is on the right-hand side of the engine.

### Removing the fuse box lid

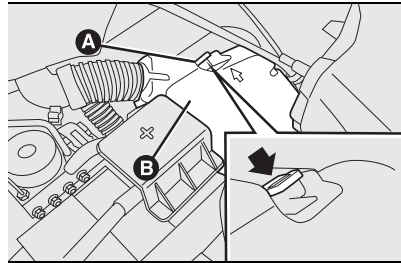


218

F0T0171

Proceed as follows:

- remove protective cover (A) fig. 218 the positive battery terminal by lifting it upwards;



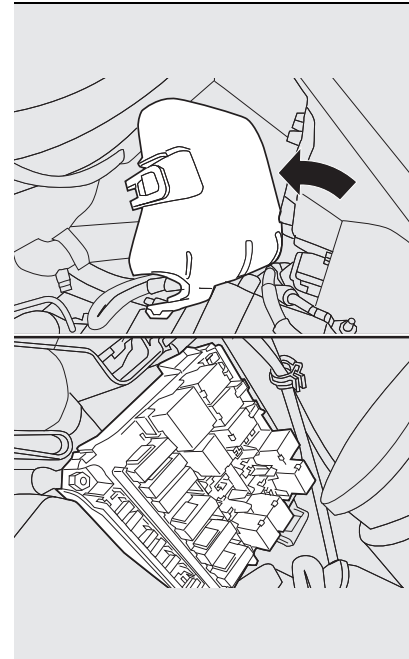
219

F0T0172

- press the tab (A) fig. 219 and remove the fuse box protective cover (B);
- move the cover towards the headlight, turning it anticlockwise (as shown by the arrow) and then remove it fig. 220;
- the fuse box can be accessed in this manner fig. 222.



31)



220

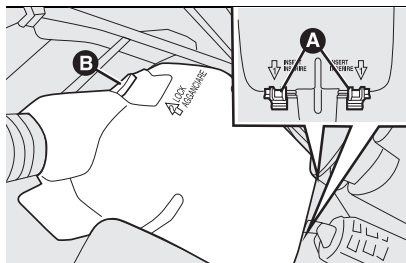
F0T0173

### Refitting the fuse box lid

Proceed as follows to refit the lid:

- insert the two tabs (A) fig. 221 in the respective seats located on the fuse box;
- refasten the tab (B) in the corresponding seat until it clicks.





221

FOT0174

**WARNING**

**135)** For fuse replacement, contact a Fiat Dealership.

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

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

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

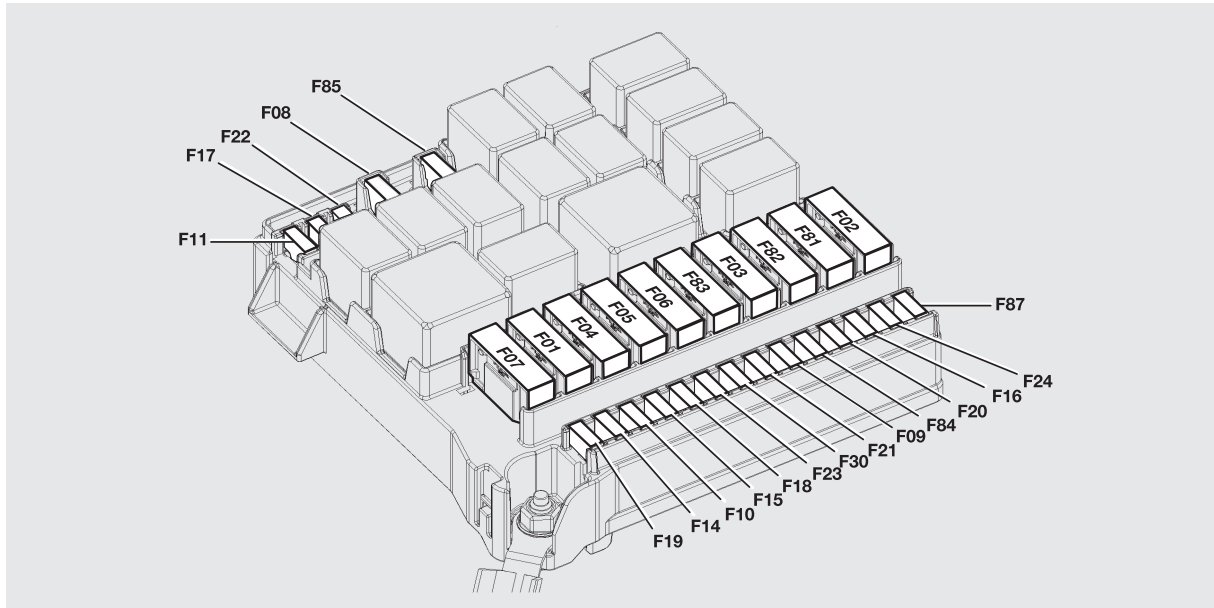
**139)** Before replacing a fuse, make sure that the ignition key has been removed and that all the other services are switched off and/or disengaged.

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

**IMPORTANT**

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

**31)** If you need to clean the engine compartment, take care not to directly hit the fuse box with the water jet.



222

F0T0181

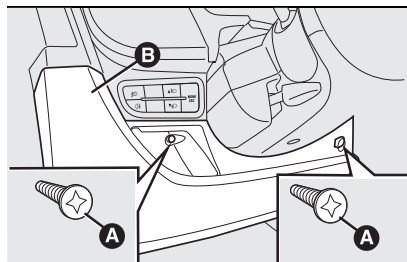
PROTECTED DEVICE	FUSE	AMPERE
Spare (trailer kit)	F09	10
Horns	F10	10
Main beam headlights	F14	15
Rear power socket	F15	15



PROTECTED DEVICE	FUSE	AMPERE
Climate control compressor	F19	7.5
Heated rear window, mirror defrosters	F20	30
Fuel pump	F21	15
Fog lights	F08	15
Cigar lighter/Passenger compartment socket/Heated seats/USB APO	F85	30
IBS battery charge sensor for Start&Stop system (1.3 Multijet Euro 6 with Start&Stop)	F87	5

## PASSENGER COMPARTMENT FUSE BOX

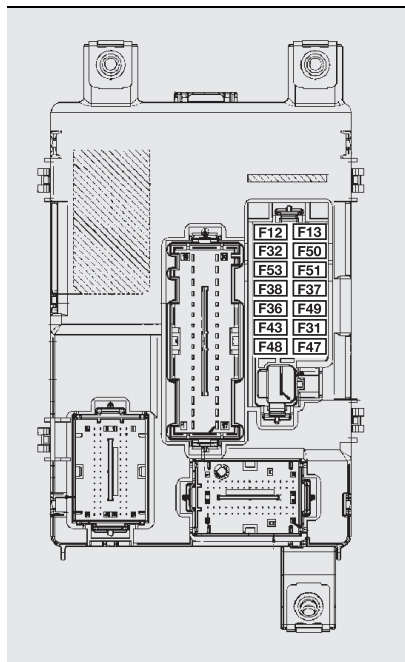
To access to the fuses loosen the two screws (A) fig. 223 using the metallic insert of ignition key and then remove the flap (B).



223

F0T0178

The fuses are positioned in the two areas shown in fig. 224.



224

F0T0183



PROTECTED DEVICE	FUSE	AMPERE
Dipped headlight (passenger side)	F12 (*)	7.5
Dipped headlight (driver side)/Headlight adj.	F13	7.5 / 5 (*)
INT/A SCM relay coils	F31	5
Timed interior lighting	F32 (*)	7.5
Radio node/ <b>Bluetooth®</b> system control unit /EOBD system control unit/Volumetric alarm control unit/Alarm siren control unit	F36	10
Instrument panel node/Stop light control (NO)	F37	5
Door/boot lock actuators (*)	F38	20
Windscreen washer/rear window washer bidirectional pump	F43	15
Front electric window (driver side) (*)	F47	20
Front electric window (passenger side) (*)	F48	20
Controls lighting/Parking sensors control unit/Electric wing mirrors control/Volumetric alarm control unit	F49	5
INT Radio node/ <b>Bluetooth®</b> system control unit /Electric mirror movement/Clutch switch/Brake lights (NC)	F51	7.5
Instrument panel node	F53	5
Door mirror defrosters	F41	7.5
Free	F45	–

PROTECTED DEVICE	FUSE	AMPERE
Free	F46	–
Free	F90	–
Free	F91	–
Free	F92	–
Free	F93	–
Cigar lighter/Passenger compartment power socket	F94	15
Free	F95	–
Cigar lighter/Passenger compartment power socket	F96	15
Front seat heater (driver side)	F97	7.5 (**)/10 (***)
Front seat heater (passenger side)	F98	7.5 (**)/10 (***)


(\*) For versions/markets where provided

(\*\*) Left-hand drive versions

(\*\*\*) Right-hand drive versions




## EMERGENCY STARTING

Go to a Fiat Dealership immediately if warning light  comes on steady on the instrument panel.

### JUMP STARTING

If the battery is flat, it is possible to start the engine using an auxiliary battery with the same capacity or a little higher than the flat one.

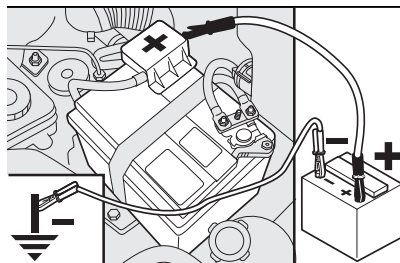
Proceed as follows to start the engine fig. 225:

- connect the positive terminals (+ mark near the terminal) of the two batteries using a suitable lead;
- with a second lead, connect the negative terminal (-) of the auxiliary battery to an earthing point  on the engine or the gearbox of the vehicle to be started;
- start the engine;
- when the engine has been started, remove the leads reversing the order above.

If after a few attempts the engine does not start, do not persist but contact the nearest Fiat Dealership.

 141)

 32)



225

FOT0189

**WARNING** Do not directly connect the negative terminals of the two batteries: sparks could ignite explosive gas released from the battery. If the auxiliary battery is installed on another vehicle, avoid any metal parts on the latter and the vehicle with the flat battery from accidentally coming into contact.

### BUMP STARTING

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

**WARNING** Remember that the brake booster and the power steering system are not active until the engine is started, so you will need to apply

much more force to the brake pedal or steering wheel.



### WARNING

**141)** *This starting procedure must be performed by expert personnel because incorrect actions could cause electrical discharge of considerable intensity. Furthermore, battery fluid is poisonous and corrosive: avoid contact with skin and eyes. Keep naked flames and lighted cigarettes away from the battery and do not cause sparks.*



### IMPORTANT

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

## FUEL CUT-OFF SYSTEM



142)

This intervenes in the case of an impact causing:

- the interruption of the fuel supply with the engine consequently cutting out;
- the automatic unlocking of the doors;
- turning on the lights inside the car;
- closing of the methane system safety solenoid valves (for versions/markets, where provided).

When the system has been triggered, the message “Fuel cut-off see handbook” is displayed on some versions.

**WARNING** Check carefully for fuel leaks, for instance in the engine compartment, under the vehicle or near the tank area. After a crash, turn the ignition key to STOP to avoid draining the battery.

The following procedure should be carried out to restore the correct operation of the vehicle:

- turn the ignition key to MAR;
- 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.



### WARNING

**142)** *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

The tow ring provided with the vehicle is located in the tool box behind the left seat backrest (Fiorino Cargo versions) or in the luggage compartment (Qubo and Fiorino Combi versions).

### ATTACHING THE TOW HOOK

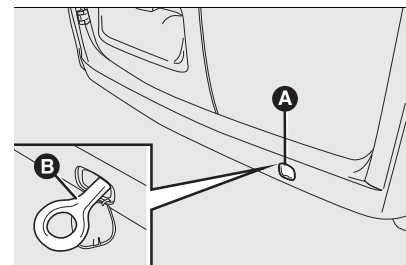
Proceed as follows:

- release the cap (A) fig. 226 (Fiorino versions), fig. 227 (Qubo versions), fig. 228;
- take the tow hook (B) fig. 226 fig. 228 from the tool bag;

- fully tighten the ring on the threaded front or rear pin.

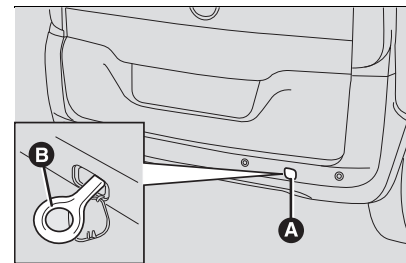
**143) 144) 145) 146)**

**33)**



226

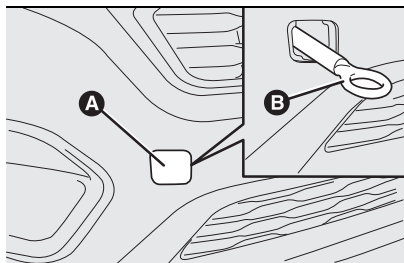
F0T0085



227

F0T0420





228

FOT0086

**WARNING**

**143)** Before towing, turn the ignition key to MAR-ON and then to STOP without removing it. The steering column will automatically lock when the key is removed and the wheels cannot be steered.

**144)** Before tightening the hook clean the threaded housing thoroughly. Before towing the vehicle, make sure that the tow ring is fully tightened in its appropriate housing.

**145)** Do not start the engine whilst the vehicle is being towed.

**146)** When towing, remember that greater effort is required on the brake pedal in order to brake, since the brake servo is not providing assistance. Do not use flexible cables when towing and avoid jerky movements. During towing operations, make sure that the fastened joint does not damage adjoining components. When towing the vehicle, it is necessary to obey specific road regulations which relate both to the towing device as well as to the

behaviour to adopt on the road. Do not start the engine whilst the vehicle is being towed.

**IMPORTANT**

**33)** 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 transport via a breakdown vehicle. Tow hooks **MUST NOT** be used to tow vehicles off the road or where there are obstacles and/or for towing operations using cables or other non-rigid devices. In compliance with the above conditions, towing must take place with the two vehicles (one towing, the other towed) aligned as much as possible along the same centre line.

# SERVICING AND MAINTENANCE

*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 .....	172
SERVICE SCHEDULE .....	173
REGULAR CHECKS .....	178
DEMANDING VEHICLE USE .....	178
CHECKING LEVELS .....	179
RECHARGING THE BATTERY .....	185
AIR CLEANER/ POLLEN FILTER .....	187
WINDSCREEN WIPER/REAR WINDOW WIPER .....	187
PROLONGED VEHICLE INACTIVITY .....	188
LIFTING THE VEHICLE.....	189
WHEELS AND TYRES.....	189
RUBBER HOSES .....	190
BODYWORK .....	190
INTERIOR .....	192



## **SCHEDULED SERVICING**

---

Correct servicing is crucial for guaranteeing a long life for the vehicle under the best conditions.

This is why Fiat has planned a series of checks and services every 30,000/35,000 km.

The scheduled maintenance programme does not, however, cover all the vehicle requirements; during the initial period, before the 30,000/35,000 kilometre service and later on, between services, routine operations must be carried out like systematically checking and topping up fluid levels, checking the tyre inflation pressure, etc.

**WARNING** Scheduled Servicing interventions are set out by the Manufacturer. Failure to have them carried out may invalidate the warranty. Scheduled Servicing can be carried out by any Fiat Dealership, at pre-established times.

If during each operation, in addition to the ones scheduled, the need arises for further replacements or repairs, these may only be carried out with the express agreement of the Customer.

**WARNING** It is advisable to inform a Fiat Dealership of any small operating irregularities without waiting for the next service. If your vehicle is used frequently for towing, the interval between service coupons must be reduced.

# SERVICE SCHEDULE

## PETROL VERSIONS - NATURAL POWER VERSIONS

WARNING Once you have carried out the last intervention in the table, continue with the scheduled servicing, maintaining the frequency indicated in the plan by marking each operation with a dot or dedicated note. Warning: simply restarting the maintenance from the start of the plan may cause the allowed interval to be exceeded for some operations!

Thousands of miles	18	36	54	72	90	108
Thousands of kilometres	30	60	90	120	150	180
Years	2	4	6	8	10	12
Check battery charge status and possibly recharge	●	●	●	●	●	●
Check tyre condition/wear and adjust pressure, if necessary; check the condition/expiry date of the "Fix&Go Automatic" repair kit (for versions/markets, where provided)	●	●	●	●	●	●
Check operation of lighting system (headlamps, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (1)	●	●	●	●	●	●
Check exhaust emissions/smokiness	●	●	●	●	●	●
Use the diagnosis socket to check supply/engine management system operation, emissions and, for versions/markets, where provided, engine oil degradation	●	●	●	●	●	●
Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust - fuel system - brakes), rubber elements (boots, sleeves, bushes, etc.)	●	●	●	●	●	●
Check windscreen/rear window wiper blade position/wear (where provided)	●	●	●	●	●	●
Check operation of windscreen washer/wiper, adjust jets	●	●	●	●	●	●
Check cleanliness of bonnet locks, and cleanliness and lubrication of linkages	●	●	●	●	●	●
Check cleanliness of sliding side door lower guides (7)	●	●	●	●	●	●



Thousands of miles	18	36	54	72	90	108
Thousands of kilometres	30	60	90	120	150	180
Years	2	4	6	8	10	12
Check handbrake lever travel and adjust, if necessary	●	●	●	●	●	●
Check and adjust clutch pedal, if required	●	●	●	●	●	●
Visually inspect conditions and wear of front and rear disc brake pads and integrity of pad wear indicator	●	●	●	●	●	●
Check rear drum brake lining condition and wear		●		●		●
Visually inspect condition of the accessory drive belt(s)		●		●		●
Check tension of accessory drive belt (versions without automatic tensioner) (8)	●				●	
Visually inspect conditions of toothed timing drive belt		●				●
Visually inspect condition of: methane pipes and connectors, methane tank fastening, restore, if necessary (6) (*)	●	●	●	●	●	●
Check pressure regulator and, if necessary, replace internal filter (6) (*)	●	●	●	●	●	●
Check tightening torque of cylinder fastening bands (*)	●		●		●	
Replace engine oil and oil filter (2)	●	●	●	●	●	●
Spark plug replacement	●	●	●	●	●	●
Replace toothed timing drive belt	(3)					
Replace accessory drive belt/s	(3)					
Replace air cleaner cartridge (4)	●	●	●	●	●	●
Change the brake fluid	(5)					

Thousands of miles	18	36	54	72	90	108
Thousands of kilometres	30	60	90	120	150	180
Years	2	4	6	8	10	12
Replace passenger compartment filter (4)	●	●	●	●	●	●

- (1) Only ever use the fluids shown in the handbook for topping up, and only after checking that the system is intact.
  - (2) If the car's annual mileage is less than 10,000 km, the engine oil and filter must be replaced every year.
  - (3) Areas that are not dusty: recommended maximum distance 120,000 km. The belt must be replaced every 5 years, regardless of distance travelled. Dusty areas and/or heavy conditions (cold climates, urban driving, long periods of idling): the recommended maximum distance is 60,000 km. The belt must be replaced every 3 years, regardless of distance travelled.
  - (4) If the vehicle is used in dusty areas, this cleaner must be replaced every 15,000 km.
  - (5) The brake fluid replacement has to be done every two years, irrespective of the mileage.
  - (6) Perform annually if the vehicle is subject to heavy use
  - (7) If the vehicle is used in dusty areas, this check should be carried out every 6 months
  - (8) If the vehicle is subject to heavy use, this check should be carried out every 2 years
- (\*) Natural Power versions



**DIESEL VERSIONS**

WARNING Once you have carried out the last intervention in the table, continue with the scheduled servicing, maintaining the frequency indicated in the plan by marking each operation with a dot or dedicated note. Warning: simply restarting the maintenance from the start of the plan may cause the allowed interval to be exceeded for some operations!

Thousands of miles	21	42	63	84	105
Thousands of kilometres	35	70	105	140	175
Years	2	4	6	8	10
Check battery charge status and possibly recharge	●	●	●	●	●
Check tyre condition/wear and adjust pressure, if necessary; check the condition/expiry date of the "Fix&Go Automatic" repair kit (for versions/markets, where provided)	●	●	●	●	●
Check operation of lighting system (headlamps, 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, brake / hydraulic clutch fluid, windscreen washer, battery, and if present, additive for emissions (1))	●	●	●	●	●
Check exhaust emissions/smokiness	●	●	●	●	●
Use the diagnosis socket to check supply/engine management systems operation, emissions and, for versions/markets, where provided, engine oil degradation (7)	●	●	●	●	●
Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust - fuel system - brakes), rubber elements (boots, sleeves, bushes, etc.)	●	●	●	●	●
Check the position/wear of the windscreen/rear window wiper blades (where provided)	●	●	●	●	●
Check operation of windscreen washer/wiper, adjust jets	●	●	●	●	●
Check cleanliness of bonnet locks, and cleanliness and lubrication of linkages	●	●	●	●	●
Check cleanliness of sliding side door lower guides (8)	●	●	●	●	●

Thousands of miles	21	42	63	84	105
Thousands of kilometres	35	70	105	140	175
Years	2	4	6	8	10
Check handbrake lever travel and adjust, if necessary	●	●	●	●	●
Visually inspect conditions and wear of front and rear disc brake pads and integrity of pad wear indicator	●	●	●	●	●
Check rear drum brake lining condition and wear		●		●	
Visually inspect the condition of the accessory drive belt(s) (3)		●			●
Check mechanical gearbox fluid			●		
Change engine oil and replace oil filter			(2)		
Replace accessory drive belt/s			(3)		
Replace fuel filter cartridge (4)		●		●	
Replace air cleaner cartridge (5)	●	●	●	●	●
Change the brake fluid			(6)		
Replace passenger compartment filter (5)	●	●	●	●	●

(1) Only ever use the fluids shown in the handbook for topping up, and only after checking that the system is intact.

(2) The actual interval for changing the engine oil and engine oil filter depends on the car usage conditions and is indicated by the warning light or message on the instrument panel. In any case it should be performed every 2 years. Where the car is used mostly in urban settings you need to replace the engine oil filter every year.

(3) Areas that are not dusty: recommended maximum distance 120,000 km. The belt must be replaced every 5 years, regardless of distance travelled. Dusty areas and/or heavy conditions (cold climates, urban driving, long periods of idling): the recommended maximum distance is 60,000 km. The belt must be replaced every 3 years, regardless of distance travelled.

(4) If the vehicle is refuelled with a quality below the recommended standards, this filter should be replaced every 20,000 km.

(5) If the vehicle is used in dusty areas, this filter should be replaced every 20,000 km.

(6) The brake fluid replacement has to be done every two years, irrespective of the mileage.

(7) If the "remaining percentage of efficient engine oil" detected by the vehicle diagnostics is lower than or equal to 20%, it is advisable to replace the engine oil and engine filter in order to avoid another service operation after a short time.

(8) If the vehicle is used in dusty areas, this check should be carried out every 6 months.



## **REGULAR CHECKS**

Every 1,000 km or before long journeys, check and, if necessary, top up:

- engine coolant level;
- brake fluid level;
- windscreen washer fluid level;
- tyre inflation pressure and condition;
- operation of lighting system (headlights, direction indicators, hazard warning lights, etc.);
- operation of screen washer/wiper system and positioning/wear of windscreen/rear window wiper blades.

To ensure that the vehicle is always efficient and well maintained, it is advisable to make sure that you carry out the above operations regularly (approximately every 1000 km and every 3000 km for checking and topping up engine oil is advisable).

## **DEMANDING VEHICLE USE**

If the vehicle is mostly used in one of the following conditions:

- towing a trailer or caravan;
- dusty roads;
- short, repeated journeys (less than 7-8 km) at sub-zero temperatures;
- engine often idling or driving long distances at low speeds or long periods of inactivity;

the following checks must be carried out more often than 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 the conditions of: engine, gearbox, transmission, pipes and hoses (exhaust/fuel supply/brakes), rubber parts (boots/sleeves/bushes, etc.);
- check battery charge and battery fluid level (electrolyte);
- visually inspect conditions of the accessory drive belts;
- check and, if necessary, change engine oil and replace oil filter;
- check and, if necessary, replace pollen filter;

- check and, if necessary, replace air cleaner.

# CHECKING LEVELS

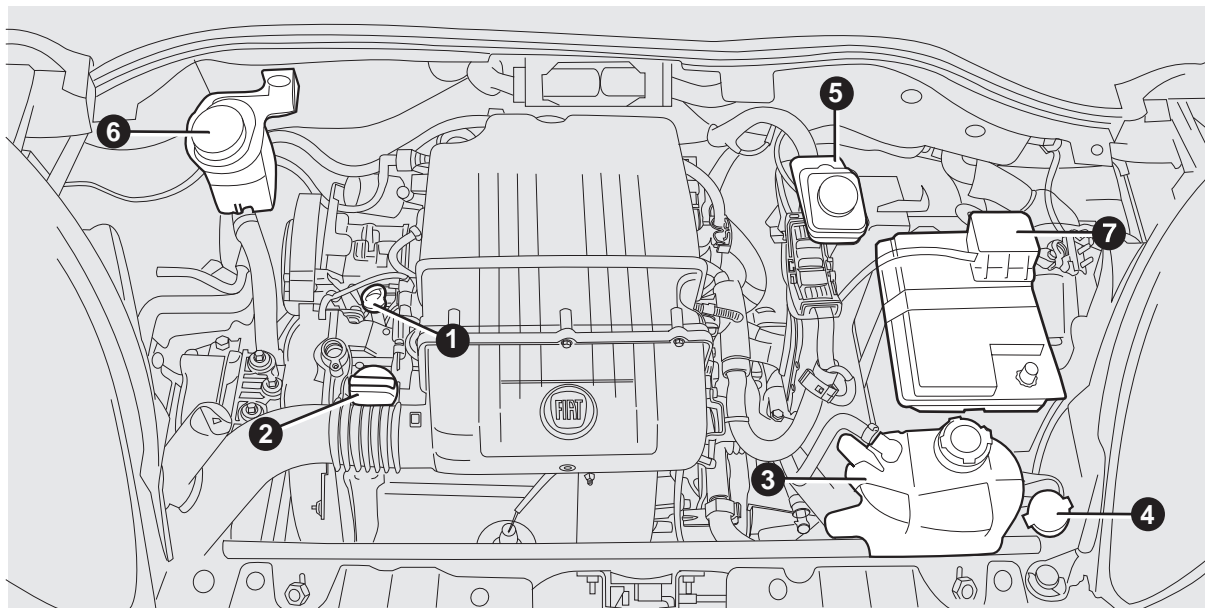
147)

34)

3)

## ENGINE COMPARTMENT

1.4 Euro 6 / Euro 6 / Euro 6d Final / Natural Power versions



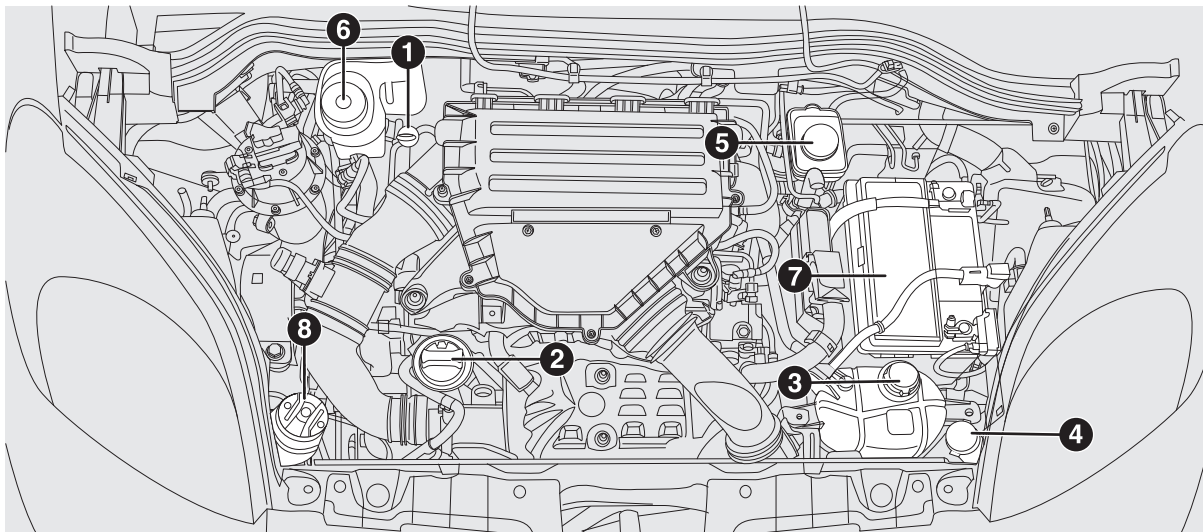
229

F0T0512

1. Engine oil level dipstick 2. Engine oil cap/filler 3. Engine coolant 4. Windscreen/rear window washer fluid 5. Brake fluid 6. Power steering fluid 7. Battery



### 1.3 Multijet Euro 6 / Euro 6d / Euro 6d Final versions



230

F0T0986

1. Engine oil level dipstick 2. Engine oil cap/filler 3. Engine coolant 4. Windscreen/rear window washer fluid 5. Brake fluid 6. Power steering fluid 7. Battery 8. Additive for diesel emissions (UREA)



#### WARNING

**147)** *Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.*



## IMPORTANT

**34)** When topping up, take care not to mix up the various types of fluids: they are not compatible with each other and could seriously damage the vehicle.



## IMPORTANT

**3)** 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.



## ENGINE OIL

### Engine oil level check

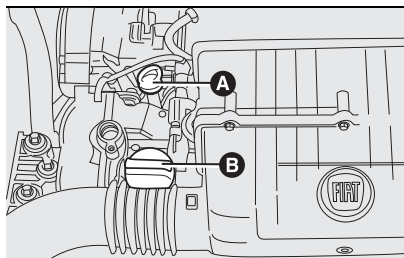
Check the oil level a few minutes (about 5) after the engine has stopped, with the vehicle parked on level ground.

Take out the dipstick (A) fig. 231 - fig. 232, clean it and then reinsert it fully; take it out and check that the level is between the MIN and MAX marks on the dipstick. The interval between MIN and MAX marks corresponds to about 1 litre of oil.

### Topping up the engine oil

If the level of the oil is close to or even below the MIN - mark, add oil through the filler fitting (B) fig. 231 - fig. 232 until the MAX mark is reached.

1.4 Euro 6 / Euro 6d / Euro 6d Final / Natural Power versions fig. 231

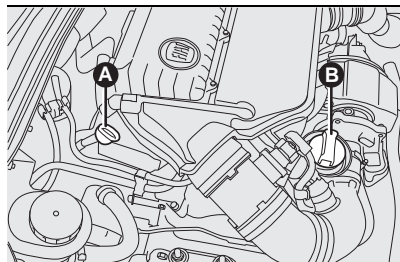


231

FOT0518

The oil level must never exceed the MAX. mark.

1.3 Multijet Euro 6 / Euro 6d / Euro 6d Final versions fig. 232



232

FOT0437

**WARNING** If the engine oil level after the check is over the MAX level, go to a Fiat Dealership to have the correct level restored.

**WARNING** After adding or changing the oil, let the engine turn over for a few seconds and wait a few minutes after turning it off before you check the level.

### Engine oil consumption

The maximum engine oil consumption is usually 400 grams every 1000 km. When the vehicle is new, the engine needs to be run in, therefore the engine oil consumption can only be considered stabilised after the first 5,000–6,000 km.

**WARNING** The oil consumption depends on driving style and the

conditions under which the vehicle is used.

**WARNING** Always top up using engine oil of the same specifications as that already in the engine.



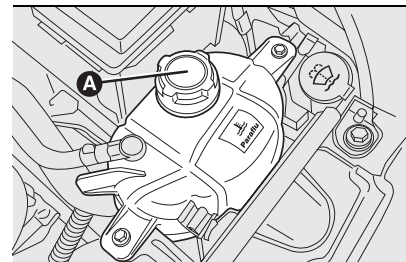
148)



35)

## ENGINE COOLANT

The coolant level should be checked when the engine is cold and should be between the MIN and MAX lines on the vessel.



233

FOT0078

If the level is low, pour into the vessel through cap (A) fig. 233 a 50% mixture of demineralised water and PETRONAS LUBRICANTS PARAFLU<sup>UP</sup>.

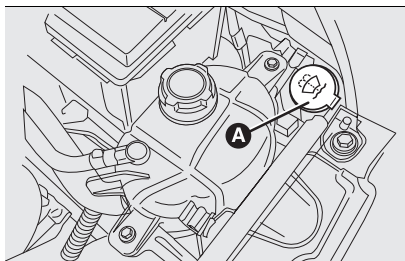
The mixture of 50% PARAFLU<sup>UP</sup> and 50% distilled water protects against freezing down to temperatures of -35°C. For particularly harsh climate

conditions, we recommended using a mixture of 60% PARAFLU<sup>UP</sup> and 40% distilled water.

 149)

 36)

## WINDSCREEN/REAR WINDOW WASHER FLUID



234

FOT0079

To add fluid lift the cap (A) fig. 234 and pour in a mixture of water and PETRONAS DURANCE SC 35 fluid, in the following proportions:

- 30% PETRONAS DURANCE SC 35 and 70% water in summer;
- 50% PETRONAS DURANCE SC 35 and 50% water in winter.

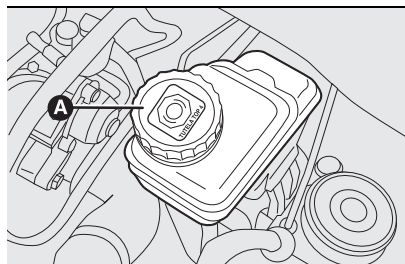
At temperatures below -20°C, use undiluted PETRONAS DURANCE SC 35 fluid.

Check fluid level through the reservoir.

 150) 151)

## BRAKE FLUID

Undo the cap (A) fig. 235: check that the liquid contained in the reservoir is at the maximum level.



235

FOT0080

The fluid level in the reservoir must not exceed the MAX mark.

You are advised to use the brake fluid shown in the "Fluids and lubricants" table to top up (see "Technical Specifications"). Take great care to ensure that impurities do not enter the reservoir when the cap (A) is opened. Always use a funnel with a built-in filter with a mesh of 0.12 mm or less.

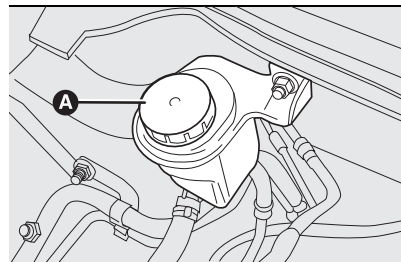
**WARNING** Brake fluid absorbs moisture. For this reason, if the vehicle is mainly used in areas with a high degree of atmospheric humidity, the fluid should be replaced at more frequent intervals than specified in the "Service Schedule".

 152) 153)

 37)

## POWER STEERING FLUID

Loose the (A) fig. 236: check that the fluid in the reservoir is included between the MIN and MAX on the reservoir.



236

FOT0081

The level may exceed the MAX mark when the oil is hot. If topping up is required, make sure the oil you use has the same specifications as that already in the system.

 154)

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## BATTERY

The battery is "limited maintenance" type: under normal conditions of use, the electrolyte does not need topping up with distilled water.

It does, however, need to be checked periodically at a Fiat Dealership or by



specialist personnel to make sure it is working correctly.



### Replacing the battery

If required, replace the battery with an original spare part with the same specifications.

If a battery with different specifications is fitted, the service intervals given in the "Scheduled Servicing Plan" will no longer be valid.

Follow the battery manufacturer's instructions for maintenance.



### Useful advice for extending the life of your battery

To avoid draining your battery and make it last longer, observe the following instructions:

- ❑ when you park the vehicle, ensure that the doors, tailgate and bonnet are closed properly, to prevent any ceiling lights from remaining on inside the passenger's compartment;
- ❑ switch off all ceiling lights inside the vehicle: the vehicle is however equipped with a system which switches all internal lights off automatically;

- ❑ do not keep accessories (e.g. radio, hazard warning lights, etc.) switched on for a long time when the engine is not running;
- ❑ before performing any operation on the electrical system, disconnect the battery negative cable;
- ❑ completely tighten the battery terminals.

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

The battery is also more prone to the risk of freezing (at temperatures as high as  $-10^{\circ}\text{C}$ ).

In case of prolonged idling, refer to the "Vehicle inactivity" paragraph in this chapter.

If, after buying the vehicle, you want to install electrical accessories which require permanent electric supply (alarm, etc.) or accessories that in any case burden the electrical supply, contact a Fiat Dealership, whose qualified personnel, in addition to suggesting the most suitable devices from Lineaccessori Fiat, will evaluate the overall electrical consumption, checking whether the vehicle's electrical system is capable of withstanding the load required, or

whether it should be integrated with a more powerful battery.

Since some of these devices continue to consume electricity even when the motor is off, they gradually run down the battery.



### WARNING


**148)** *Be very careful working in the engine compartment when the engine is hot: you may get burned. Remember that the fan may start up if the engine is hot: this could injure you. Scarves, ties and other loose clothing might be pulled by moving parts.*

**149)** *Do not remove the reservoir cap when the engine is very hot as there is a risk of scalding. The cooling system is pressurised. If necessary, only replace the cap with another original or the operation of the system may be adversely affected.*

**150)** *Do not travel with the windscreen washer fluid reservoir empty: the windscreen washer is essential for improving visibility.*

**151)** *Some commercial windscreen washer additives are flammable. The engine compartment contains hot parts which could start a fire if they come into contact.*

**152)** *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.*

**153)** The symbol , on the brake fluid container indicates if a brake fluid is synthetic or mineral-based. Use of mineral type fluids will damage the special rubber seals of the braking system beyond repair.

**154)** Prevent power steering fluid from coming into contact with hot engine parts: it is flammable.

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

**156)** Using the battery with low fluid will irreparably damage the battery and may cause an explosion.

**157)** Always wear appropriate goggles to protect your eyes when working on or near the battery.



### IMPORTANT

**35)** Used engine oil and replaced oil filters contain substances which are harmful to the environment. To change oil and filters, we advise you to contact a Fiat Dealership.

**36)** PARAFLU<sup>UP</sup> anti-freeze fluid is used in the cooling system. Use fluid of the same type as that contained in the cooling system for topping up. PARAFLU<sup>UP</sup> fluid cannot be mixed with any other type of fluid. If this occurs, do not start the engine and contact your Fiat Dealership immediately.

**37)** Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should it happen, immediately wash with water.

**38)** Incorrect installation of electric and electronic devices may cause severe damage to your vehicle. After purchasing your vehicle, if you wish to install any accessories (anti-theft, radio phone, etc.), go to a Fiat Dealership, which will suggest the most suitable devices and advise you whether a higher capacity battery needs to be installed.

**39)** If the vehicle will be unused for an extended period of time in extremely cold weather conditions, remove the battery and store it in a heated area to prevent it from freezing.



### IMPORTANT

**4)** Power steering fluid consumption is extremely low; if another top-up is required after only a short period of time, have the system checked for leaks at a Fiat Dealership.

**5)** Batteries contain substances which are very harmful for the environment. You are recommended to go to a Fiat Dealership to have the battery replaced where the old battery will be disposed of respecting both the environment and the laws in force.

## RECHARGING THE BATTERY

**WARNING** The battery recharging procedure is given as information only. You are advised to contact a Fiat Dealership to have this operation carried out.

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

To recharge, proceed as follows:

### without Start&Stop system:

- disconnect the terminal from the negative battery pole;
- connect the charger cables to the battery terminals, observing the polarity;

turn on the battery charger;

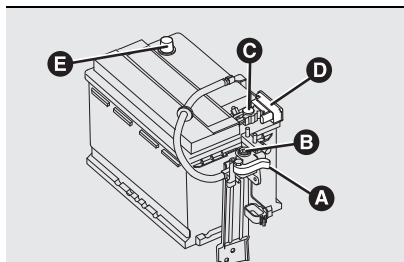
when it is recharged, turn the charger off before disconnecting it from the battery;

reconnect the terminal to the negative battery pole.

### with Start&Stop system: fig. 237

(for versions/markets, where provided)





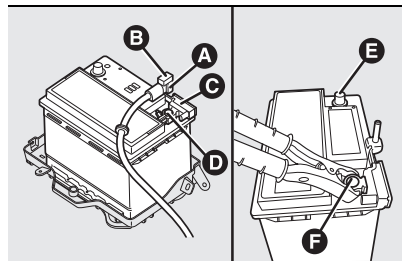
237

FOT0441

- ❑ disconnect the quick release negative terminal (A) from the dummy negative terminal (B); this is because an IBS battery status monitoring sensor (D) is fitted on the negative battery terminal (C) of the negative terminal and should never be disconnected from the negative battery terminal (C) except for when the battery is actually replaced;
- ❑ connect the positive cable of the charger to the positive terminal of the battery (E) and the negative cable to the dummy negative terminal (B);
- ❑ turn on the battery charger;
- ❑ when you have recharged, turn the charger off before disconnecting it from the battery;
- ❑ after disconnecting the battery charger, reconnect the quick-release negative terminal (A) to the dummy terminal (B);

**with Start&Stop (RADSOK) system:  
fig. 238**

(for versions/markets, where provided)



238

FOT0442

- ❑ disconnect the connector (A) (pressing the button (B) of the IBS sensor (C) for monitoring the battery conditions, on the negative terminal (D) of the battery itself);
- ❑ connect the positive cable of the battery charger to the positive battery terminal (E) and the negative cable to the IBS sensor terminal (F) as shown in fig. 238;
- ❑ turn on the battery charger;
- ❑ switch the charger off after recharging;
- ❑ after having disconnected the battery charger, reconnect connector (A) to the IBS sensor (C) as shown fig. 238.

**WARNING** The cables of the electrical system must be correctly reconnected to the battery, i.e. the positive cable (+) to the positive terminal and the negative cable (-) to the negative

terminal. The battery terminals are marked with the positive (+) and negative (-) symbols, and are shown on the battery cover. The battery terminals must also be corrosion-free and firmly secured to the terminals. If a "quick-type" battery charger is used with the battery fitted on the car, disconnect both battery leads before connecting it. Do not use a "quick-type" battery charger to provide the starting voltage.



**WARNING**

**158)** 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.

**159)** 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.

## AIR CLEANER/ POLLEN FILTER

Have the air cleaner or the pollen filter replaced by a Fiat Dealership.

## WINDSCREEN WIPER/REAR WINDOW WIPER

(for versions/markets, where provided)

### WIPER BLADES

Periodically clean the rubber part using special products; PETRONAS DURANCE SC 35 is recommended. Replace the blades if the rubber edge is deformed or worn. In any case, it is advisable to replace them approximately once a year.

A few simple precautions can reduce the possibility of damage to the blades:

- ❑ if the temperature falls below zero, make sure that ice has not frozen the rubber to the glass. Use a de-icing product to release it if required;
- ❑ remove any snow from the glass: in addition to protecting the blades, this prevents effort on the motor and overheating;
- ❑ do not operate the windscreen and rear window wipers on dry glass.

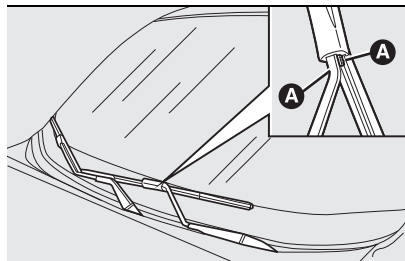


180

### Replacing the windscreen wiper blades

Proceed as follows:

- ❑ lift up the windscreen wiper arm and position the blade so that it forms a 90° angle with the arm;
- ❑ press tabs (A) fig. 239 and remove the blade from the arm;
- ❑ install the new blade by inserting the straps into the supplied housings of the arm. Make sure that the new blade is secured in position.



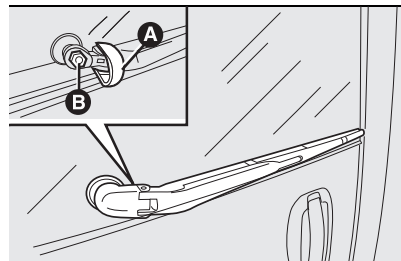
### Replacing the rear window wiper blade

(for versions/markets, where provided)

Proceed as follows:

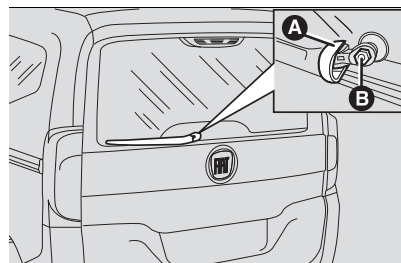
- ❑ raise the cover (A) fig. 240 (Fiorino versions) or fig. 240 (Qubo versions) and remove the arm from the vehicle, undoing the nut (B) which fixes it to the pivot pin;

- ❑ correctly position the new arm and tighten the nut fully;
- ❑ lower the cover.



240

FOT0088



241

FOT0213

### NOZZLES

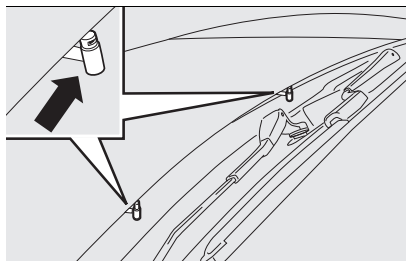
If the jet is not coming out, firstly check that there is fluid in the windscreen/rear window reservoir (for versions/markets where provided) (see “Checking levels” in this section).

Then check that the nozzle holes are not clogged; use a needle to unblock them if necessary.



**Windscreen (washer)**

The window washer nozzles are fixed. The nozzle holders are located under the bonnet (see fig. 242).

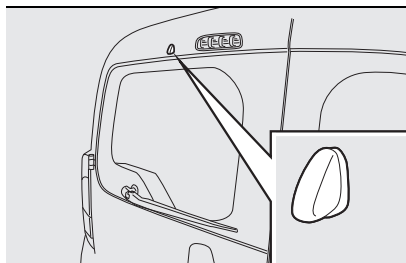


242

FOT0090

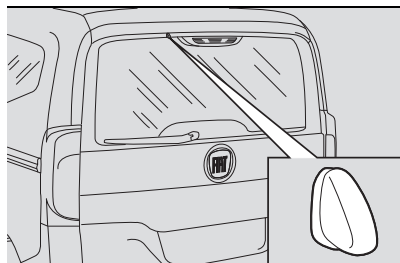
**Rear window (washer)**

The rear window washer jets are fixed. The nozzle holder is located above the rear window fig. 243 (Fiorino versions) or fig. 244 (Qubo versions).



243

FOT0089



244

FOT0214

**WARNING**

**160)** *Driving with worn windscreen wiper blades is a serious hazard, because visibility is reduced in bad weather conditions.*

**PROLONGED VEHICLE INACTIVITY**

If the vehicle needs to be off the road for longer than one month, the following precautions must be taken:

- park the vehicle indoors in a dry and, if possible, well-ventilated place;
- engage a gear and check that the handbrake is not engaged;
- disconnect the battery negative terminal and check the charge (see "Battery" in the "Maintenance and care");
- clean and protect the painted parts using protective wax;
- clean and protect the shiny metal parts using special compounds available commercially;
- sprinkle talcum powder on the windscreen and rear window wiper rubber blades and lift them off the glass;
- slightly open the windows;
- cover the vehicle with a piece of fabric or perforated plastic sheet. Do not use compact plastic tarpaulins, which prevent humidity from evaporating from the surface of the vehicle;
- inflate tyres to +0.5 bar above the standard specified pressure and check it at intervals;

❑ do not drain the engine cooling system.

## LIFTING THE VEHICLE

If the vehicle needs to be lifted, go to a Fiat Dealership which is equipped with the arm hoist or workshop lift.

## WHEELS AND TYRES

Check the pressure of each tyre, including the space-saver spare wheel, approximately every two weeks and before long journeys: the pressure should be checked with the tyre rested and cold.

It is normal for the pressure to increase when the vehicle is used; for the correct tyre inflation pressure, see the "Wheels" paragraph in the "Technical specifications" chapter.

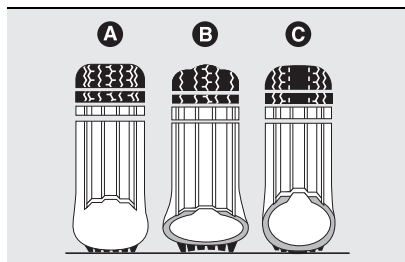
Incorrect pressure causes abnormal tyre wear fig. 245:

**A** normal pressure: tread evenly worn;

**B** low pressure: tread particularly worn at the edges;

**C** high pressure: tread particularly worn in the centre.

The tyres must be replaced when the tread is less than 1.6 mm thick. In any case, follow the laws in force in the country where you are driving.



245

F0T0013

### IMPORTANT NOTES

❑ As far as possible, avoid sharp braking, screech starts and violent shocks against pavements, potholes or other hard obstacles.

Driving for long stretches over uneven roads can damage the tyres;

❑ periodically check that the tyres have no cuts in the side wall, abnormal swelling or irregular tyre tread wear. Go to a Fiat Dealership if required;

❑ avoid overloading the car when travelling: this may cause serious damage to the wheels and tyres;

❑ if a tyre is punctured, stop immediately and replace it to avoid damage to the tyre, the rim, suspension and steering system;

❑ tyres age even if they are not used much. Cracks in the tread and on the sidewalls are a sign of ageing. In any event, have the tyres checked by

specialised technicians if they have been fitted for longer than 6 years. Remember to check the spare wheel very carefully;

❑ in the case of replacement, always fit new tyres, avoiding those of unknown origin;

❑ if a tyre is changed, also change the inflation valve;

❑ to allow even wear between the front and rear tyres, it is advisable to change them over every 10–15 thousand kilometres, keeping them on the same side of the vehicle so as not to reverse the direction of rotation.

 161) 162) 163) 164)

### SNOW TYRES

The Fiat Dealership will be happy to provide advice concerning the most suitable type of tyre for the customer's requirements.

For the type of tyre to be used, inflation pressures and the specifications of snow tyres, follow the instructions given in the "Wheels" paragraph in the "Technical specifications" chapter.

The winter features of these tyres are reduced considerably when the tread depth is below 4 mm. Replace them in this case. Due to the specific characteristics of snow tyres, in normal weather conditions or on long motorway journeys, the performance of these tyres is lower than that of



standard tyres. Their usage should therefore be restricted in accordance with their type approval.



165

**Note** When using snow tyres with a maximum speed index below the one that can be reached by the vehicle (increased by 5%), place a notice in the passenger compartment, plainly in view, which states the maximum speed allowed by the snow tyres (as per EC Directive). All four tyres should be the same (brand and track) to ensure greater safety when driving and braking as well as a good manoeuvrability. Remember that you should not change the rotation direction of the tyres.

### SNOW CHAINS

The use of snow chains should be in compliance with local regulations of each country. The snow chains may be applied only onto the front wheel (drive wheels).

Check the tension of the snow chains after the first few metres have been driven.



166



### WARNING

**161)** Remember that the road holding qualities of your vehicle also depend on the correct inflation pressure of the tyres.

**162)** If tyre pressure is too low, the tyre may overheat and be severely damaged as a result.

**163)** Do not switch tyres from the right-hand side of the vehicle to the left-hand side, and vice versa.

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

**165)** You must not exceed 160 km/h on snow tyres with a "Q" mark; in any case, make sure you stick to the rules of the highway code.

**166)** Keep the vehicle's speed down when snow chains are fitted; never exceed 50 km/h. Avoid potholes, do not drive over steps or pavements, and do not drive long distances over roads without snow, to avoid damaging both your vehicle and the road surface.

## RUBBER HOSES

As far as the maintenance of the brake system and fuel supply system rubber hoses is concerned, follow the "Service Schedule" in this chapter carefully.

Ozone, high temperatures and prolonged lack of fluid in the system may cause hardening and cracking of the hoses, with possible leaks. Careful checking is therefore necessary.

## BODYWORK

### PROTECTION AGAINST ATMOSPHERIC AGENTS

The main causes of corrosion are the following:

- atmospheric pollution;
- salty air and humidity (coastal areas, or hot humid climates);
- seasonal environmental conditions.

The abrasive action of wind-borne atmospheric dust and sand, as well as mud and gravel raised by other cars is also not to be underestimated.

On your vehicle, Fiat has implemented the best manufacturing technologies to effectively protect the bodywork against corrosion.

These include:

- painting products and systems which give the vehicle particular resistance to corrosion and abrasion;

- use of galvanised (or pretreated) sheet metal, with high resistance to corrosion;
- spraying the underbody, engine compartment, wheelhouse internal parts and other parts with highly protective wax products;
- spraying of plastic parts, with a protective function in the more exposed points: underdoor, inner wing, edges, etc.;
- use of “open” boxed sections to prevent condensation and pockets of moisture from triggering rust inside.

## VEHICLE BODY AND UNDERBODY WARRANTY

Your vehicle is covered by warranty against perforation due to corrosion of any original element of the structure or body.

For the general terms of this warranty, refer to the Warranty Booklet.

## ADVICE FOR PRESERVING THE BODYWORK Paintwork

Paintwork does not only serve an aesthetic purpose, but also protects the underlying sheet metal.

You are advised to touch up abrasions and scratches immediately to prevent rust formation. Use only original paint products for touch-ups (see

“Bodywork paint identification plate” in the “Technical specifications” section). Normal maintenance of paintwork consists in washing the vehicle: the frequency depends on the conditions and environment where the vehicle is used.

For example, it is advisable to wash the vehicle more often in areas with high levels of environmental pollution or on roads spread with salt.

To correctly wash the vehicle, proceed as follows:

- wash the bodywork using a low pressure jet of water;
  - wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing the sponge;
  - rinse well with water and dry with a jet of air or a chamois leather.
- If you put the vehicle through a car wash, follow these recommendations:
- remove the aerial from the roof so it does not get damaged;
  - the vehicle should be washed with water added to a soapy solution;
  - rinse thoroughly to avoid soap marks remaining on the bodywork or less visible parts.



Dry the less visible parts, such as the door frames, bonnet and the headlight frames with special care, as in these areas water may stagnate more easily.

It is a good idea to leave the vehicle outdoors for a while after washing it to give the water time to evaporate. Do not wash the vehicle after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork.

Exterior plastic parts should be cleaned in the same way as the rest of the vehicle.

**WARNING** Where possible, do not park the vehicle under trees; the resinous substances released by many species give the paint a dull appearance and increase the possibility of corrosion.

**WARNING** Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.



## Windows

To clean glasses, use specific cleaning products. Use clean cloths to avoid scratching the glass or altering the transparency.

**WARNING** Wipe the rear window inside gently with a cloth following the direction of the filaments to avoid damaging the heating device.



## Engine compartment

At the end of each winter, thoroughly wash the engine compartment, taking care to avoid spraying the water jet directly onto the electronic control units and the relay/fuse box on the left side of the engine compartment (driving direction). Have this operation performed at a specialised workshop.

**WARNING** The washing should take place with the engine cold and the ignition key in the STOP position. After the washing operation, make sure that the various protections (e.g. rubber caps and guards) have not been removed or damaged.

## Headlights

**WARNING** Never use aromatic substances (e.g. petrol) or ketones (e.g. acetone) for cleaning the plastic lenses of the headlights.



### IMPORTANT

**40)** *Some automatic systems equipped with old generation blades and/or with a poor maintenance can damage the paint, promoting the creation of microscoring which give an opaque/coated appearance to the paint, especially on dark colours. In this case, just lightly polish with specific products.*

**41)** *Abrasive products and/or polishes should not be used for cleaning the car. Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive. Avoid parking the vehicle under trees (unless it is absolutely necessary). Remove any resinous plant matter immediately because, once it has dried, it may require the use of abrasive and/or polishing products to be removed, which are strongly discouraged as they could potentially alter the characteristics of the paintwork. Do not use pure windscreen washer fluid for cleaning the front windscreen and rear window; dilute it min. 50% with water. Only use pure screen washer fluid when strictly necessary due to outside temperature conditions. Do not use chemicals/acids to defrost windows/vehicle glass as they can damage the paint.*



### IMPORTANT

**6)** *Detergents pollute the water. The vehicle should be washed in areas equipped for collecting and purifying the liquid used in the washing process.*

## INTERIOR

Regularly check that water is not trapped under the mats (due to water dripping off shoes, umbrellas, etc.), as this could cause oxidation of the sheet metal.



167) 168)

## FABRIC SEATS AND PARTS

Remove dust with a soft brush or a vacuum cleaner.

It is advisable to use a moist brush on velvet upholstery.

Rub the seats with a sponge moistened with a solution of water and neutral detergent.

## PLASTIC PARTS

It is advisable to clean interior plastic parts with a moist cloth and a solution of water and non-abrasive mild soap.

Use specific products for cleaning plastic, without solvents and specifically designed to prevent damage to the appearance and colour of the treated parts, to remove grease and tough stains.

**WARNING** Never use alcohol or petroleum to clean the instrument panel.

## LEATHER STEERING WHEEL/GEAR LEVER KNOB/HANDBRAKE

(for versions/markets, where provided)  
These components must be cleaned with mild soap and water only. Never use alcohol or alcohol-based products. Read the product label carefully before using specific products for cleaning the interiors: make sure that the product does not contain spirits or alcohol-based substances.

If, when cleaning the windscreen with special products, window cleaner accidentally drips onto the leather of the steering wheel/gear lever knob/handbrake, wipe away immediately and then wash the affected area with mild soap and water.

**WARNING** Be careful when using a steering wheel lock device, where applicable, to avoid damaging the leather upholstery by rubbing.



### WARNING

**167)** Never use flammable products, such as petroleum ether or modified petrol, to clean the inside of the car. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.

**168)** Do not keep aerosol cans in the vehicle: they might explode. Aerosol cans must not be exposed to temperatures higher than 50°C. Temperatures may greatly exceed this value inside a vehicle exposed to direct sunlight.



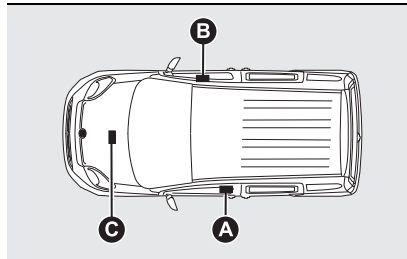
# TECHNICAL SPECIFICATIONS

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

IDENTIFICATION DATA .....	195
ENGINE CODES - BODYWORK VERSION .....	198
ENGINE .....	200
POWER SUPPLY .....	202
TRANSMISSION .....	203
BRAKES .....	204
SUSPENSION .....	205
STEERING .....	206
WHEELS .....	207
DIMENSIONS .....	212
PERFORMANCE .....	216
WEIGHTS AND LOADS .....	217
REFUELLING .....	220
FLUIDS AND LUBRICANTS .....	222
FUEL CONSUMPTION AND CO <sub>2</sub> EMISSIONS .....	225
RADIO FREQUENCY REMOTE CONTROL: OFFICIAL TYPE APPROVALS .....	226
PRESCRIPTIONS FOR HANDLING THE VEHICLE AT THE END OF ITS LIFE .....	227

## IDENTIFICATION DATA

It is advisable to take note of the identification codes. The identification data are printed on labels in the following positions fig. 246:



246

FOT0175

- A** Vehicle summary identification and paintwork plate
- B** Chassis marking
- C** Engine marking

### VEHICLE SUMMARY IDENTIFICATION AND PAINTWORK PLATE

This is stuck on the driver's door pillar and shows the following data fig. 247:

M	A	MOTORE-ENGINE	CODICE COLOREPAINT
	B	VERSIONE-VERSION	
	C	E	Kg
	F	F	Kg
	1-	G	Kg
	2-	H	Kg
		I	
		L	
		M	
	MADE IN TURKEY		

247

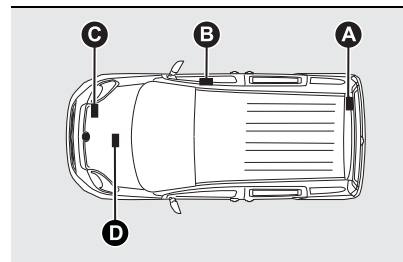
FOV0725

- A** Name of manufacturer
- B** Type-approval number
- C** Vehicle type identification code
- D** Maximum permitted weight of fully laden vehicle
- E** Maximum permitted weight of vehicle when fully laden plus trailer
- F** Maximum permitted weight on first axle (front)
- G** Maximum permitted weight on second axle (rear)
- H** Engine type
- I** Bodywork version code
- L** Spare part reference number
- M** Bodywork colour code
- N** Correct fume coefficient value

### IDENTIFICATION DATA

(For versions/markets, where provided)

The identification data are printed on labels in the following positions fig. 248:



248

FOT0320

- A** Vehicle identification number (VIN) plate
- B** Chassis marking
- C** Bodywork paint identification plate
- D** Engine marking

### VEHICLE IDENTIFICATION NUMBER (VIN) PLATE

This is applied on the rear part of the vehicle and contains the following data fig. 249:

N	A	
	B	
	C	D
	E	Kg
	F	Kg
	1-	G
	2-	H
	I	
	L	
	M	
	MOTORE-ENGINE	
	VERSIONE-VERSION	
	N°PER RICAMBI	
	N°FOR SPARES	

249

FOT0011

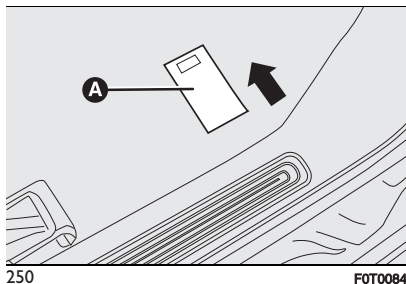
- A** Name of manufacturer



- B** Type-approval number
- C** Vehicle type identification code
- D** Chassis manufacture serial number
- E** Maximum permitted weight of fully laden vehicle
- F** Maximum authorised weight of vehicle when fully laden plus trailer.
- G** Maximum permitted weight on first (front) axle
- H** Maximum permitted weight on second axle (rear)
- I** Engine type
- L** Bodywork version code
- M** Spare part number
- N** Smoke opacity index (for diesel engines)

**CHASSIS MARKING**

This is printed on the passenger compartment floor, near the right front seat.



Slide the hatch (A) fig. 250 forward to access.

The marking includes:

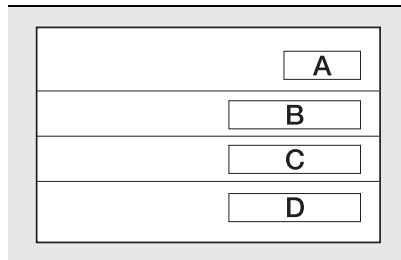
- type of vehicle;
- chassis serial number.

**BODYWORK PAINT IDENTIFICATION PLATE**

(For versions/markets, where provided)

This plate is applied inside the bonnet and shows the following data fig. 251:

- A Paint manufacturer
- B Name
- C Fiat colour code
- D Respray and touch up code



251

FOT0012

**MOTOR MARKING**

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

**METHANE SYSTEM (NATURAL POWER)**

WARNING If the vehicle has been registered in a country other than Italy, the certification data, identification and inspection procedures for the

methane cylinders should conform to the legislation in that country. In any case, it should be remembered that the life of the cylinders is 20 years from the production date as set out in ECE Regulation no. 110.

**Cylinder marking**

Each methane cylinder is identified in the plant by information stamped on the cylinder cone fig. 252.



252

FOT0961

This stamp contains:

**CNG ONLY** (type of gas which it is designed for: compressed natural gas only);

**DO NOT USE AFTER XX - XXXX** (cylinder expiry date: month - year);

**FABER** (the name of the cylinder manufacturer);

XX / XXXX / XXX (serial number of the cylinder);

XX **L** (rated capacity of the cylinder in litres);

XX **KG** (weight of the cylinder in kg; specific to each cylinder);

**20.0 MPa 15°C** (operating pressure at 15 °C);

**30.0 MPa** (tested pressure of cylinder);  
**EX 110R-XXXXXX** (ECE approval number);

**ECE R 110** (manufacturing regulation);

**CNG-1** (type of cylinder);

XX / XXXX (cylinder manufacturing commissioning date: month/year);

**USE ONLY FABER-APPROVED PRD** (PRD safety device warning);

**(-N)** (ENI punching).

The other plates (provided with the vehicle documentation) contain the date for the first inspection of the cylinders.

### SYSTEM INSPECTION

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.



**ENGINE CODES - BODYWORK VERSION**

Model	Engine code
1.4 Euro 6/Euro 6d/ Euro 6d Final	350A1000
1.3 16V Multijet 80 HP Euro 6/Euro 6d	225A2000
1.3 16V Multijet 80 HP Euro 6d Final	46345266
1.3 16V Multijet 95 HP Euro 6/Euro 6d	330A1000
1.3 16V Multijet 95 HP Euro 6d Final	46345266

The following body version code and key are an example that may be applied to all body version codes.

Example:

**225 B XB 1A AX**

Key:

**225** Model

**C** Body

**M** Engine

**1** Traction

**A** Transmission

**AX** Version

### **MODEL**

**225** Fiorino

**300** Qubo

### **BODYWORK**

**A** Combi M1 (5 seats)

**B** Cargo (2 seats)

**C** Combi N1 (4 seats)

**F** Trekking N1

**G** Panorama N1

**L** Panel version

### **ENGINES**

**B** 1.4 petrol Euro 6

**C** 1.4 Natural Power Euro 6

**J** 1.3 16V Multijet 80 HP Euro 6d

**K** 1.3 16V Multijet 95 HP Euro 6d

**L** 1.3 16V Multijet 80 HP Euro 6d Final

**M** 1.3 16V Multijet 95 HP Euro 6d Final

**N** 1.4 petrol Euro 6d

**P** 1.4 Natural Power Euro 6d

**R** 1.3 16V Multijet 80 HP Euro 6

**S** 1.3 16V Multijet 95 HP Euro 6

**T** 1.4 petrol Euro 6d Final

### **TRACTION**

**1** Front

### **TRANSMISSION**

**A** Mechanical gearbox



**ENGINE**

General information	1.4 Euro 6/Euro 6d/Euro 6d Final	1.4 Natural Power	
Engine code	350A1000	350A1000	
Cycle	Otto	Otto	
Number and position of cylinders	4 in line	4 in line	
Piston bore and stroke (mm)	72 x 84	72 x 84	
Total displacement (cm <sup>3</sup> )	1368	1368	
Compression ratio	11.1 ± 0.2:1	11.1 ± 0.2:1	
		Methane	Petrol
Maximum power (CEE) (kW)	57	51	57
Maximum power (CEE) (HP)	77	70	77
Corresponding engine speed (rpm)	6000	6000	6000
Maximum torque (CEE) (Nm)	115	104	115
Maximum torque (CEE) (kgm)	11.7	10.6	11.7
Corresponding engine speed (rpm)	3000	3000	3000
Spark plugs	NGK ZKR7A-10	NGKZKR7A-10	
Fuel	Unleaded petrol 95 R.O.N. (EN228 specifications)	Methane for motor vehicles	Unleaded petrol 95 R.O.N. (EN228 specifications)

General information	1.3 Multijet 80 HP Euro 6/Euro 6d/ Euro 6d Final	1.3 Multijet 95 HP Euro 6/Euro 6d/ Euro 6d Final
Engine code	225A2000/ 46345266(*)	330A1000/ 46345266(*)
Cycle	Diesel	Diesel
Number and position of cylinders	4 in line	4 in line
Piston bore and stroke (mm)	69.6 x 82	69.6 x 82
Total displacement (cm <sup>3</sup> )	1248	1248
Compression ratio	16.8:1/ 16.2 ± 0.2:1 (*)	16.8 :1/ 16.2 ± 0.2 :1 (*)
Maximum power (CEE) (kW)	59	70
Maximum power (CEE) (HP)	80	95
Corresponding engine speed (rpm)	3750	3750
Maximum torque (CEE) (Nm)	200	200
Maximum torque (CEE) (kgm)	20.4	20.4
Corresponding engine speed (rpm)	1500	1500
Spark plugs	-	-
Fuel	Automotive Diesel (EN590 specifications)	Automotive Diesel (EN590 specifications)



## POWER SUPPLY



169)

### Versions

### Intake system

#### 1.4 Euro 6/Euro 6d/Euro 6d Final

Multipoint sequential timed electronic injection, returnless system

#### 1.4 Natural Power

Multipoint sequential phased electronic injection especially designed for methane.  
 Injection pressure: approx. 6 bar.  
 Stoichiometric metering of the air/methane gas mixture.  
 The methane injection system is controlled by the dedicated control unit using the sensors already on the vehicle, including the oxygen sensor for controlling the fuel metering.

#### 1.3 16V Multijet Euro 6/Euro 6d/Euro 6d Final

Electronically controlled Common Rail Multijet direct injection with turbo and intercooler

**Ignition:** Static advance, electronic, integrated with the injection.



### WARNING

**169)** *Modifications or repairs to the fuel supply system that are not carried out properly or do not take the system's technical specifications into account can cause malfunctions leading to the risk of fire.*

# TRANSMISSION

Versions	Transmission	Clutch	Traction
<b>1.4 Euro 6/Euro 6d/Euro 6d Final</b>	Five forward gears and reverse with synchronizers for forward gear engagement	Mechanical control (1.4 versions)/Hydraulic control (Multijet versions)	Front
<b>1.4 Natural Power</b>			
<b>1.3 16V Multijet Euro 6/Euro 6d/Euro 6d Final</b>			



**BRAKES**

Versions	Front service brakes	Rear service brakes	Parking brake
<b>1.4 Euro 6/Euro 6d/Euro 6d Final</b>			
<b>1.4 Natural Power</b>			
<b>1.3 16V Multijet 80 HP Euro 6/Euro 6d/Euro 6d Final</b>	Disc	Drum	Control by hand lever, working on rear brakes
<b>1.3 16V Multijet 95 HP Euro 6/Euro 6d/Euro 6d Final</b>			

WARNING Water, ice and salt spread on the roads may deposit on the brake discs reducing braking efficiency the first time the brakes are applied.

# SUSPENSION

## Versions

1.4 Euro 6/Euro 6d/Euro 6d Final

1.4 Natural Power

1.3 16V Multijet 80 HP Euro 6/Euro 6d/Euro 6d Final

1.3 16V Multijet 95 HP Euro 6/Euro 6d/Euro 6d Final

## Front

McPherson independent wheels

## Rear

Torsion beam



## STEERING

Versions	Kerb-to-kerb turning circle (m)	Type
1.4 Euro 6/Euro 6d/Euro 6d Final	9.95	Rack and pinion with hydraulic power steering (for versions/markets, where provided)
1.4 Natural Power	10.55	
1.3 16V Multijet 80 HP Euro 6/Euro 6d/Euro 6d Final	9.95	
1.3 16V Multijet 95 HP Euro 6/Euro 6d/Euro 6d Final		

## WHEELS

### RIMS AND WHEELS

Pressed steel or alloy rims. Tubeless radial carcass tires. All approved tyres are listed in the registration document.

**WARNING** If there are any discrepancies between the Owner Handbook and the registration document, take the information from the latter. To ensure driving safety, ensure that tyres of the same make and type are fitted on all wheels.

**WARNING** Do not use air chambers with tubeless tyres.

### SPARE WHEEL

 170

Pressed steel rim.  
Tubeless tyre.

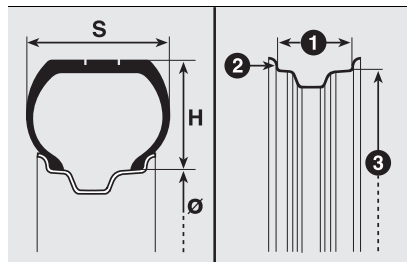
### WHEEL GEOMETRY

Front wheels toe-in measured between rims:  $-1 \pm 1$  mm.

The values refer to the vehicle in running order.

### CORRECT READING OF THE TYRE

Example: 185/65 R 15 88T (see fig. 253)



253

F0T0014

**185** Nominal width (S, distance in mm between sides)

**65** Height/width ratio (H/S), expressed as a percentage

**R** Radial tyre

**15** Rim diameter in inches (Ø)

**88** Load rating (capacity)

**T** Maximum speed rating

#### Maximum speed index

**Q** up to 160 km/h

**R** up to 170 km/h

**S** up to 180 km/h

**T** up to 190 km/h

**U** up to 200 km/h

**H** up to 210 km/h

**V** up to 240 km/h

**W** up to 270 km/h

**Y** up to 300 km/h

**Maximum speed index for snow tyres**

**QM + S** up to 160 km/h

**TM + S** up to 190 km/h

**HM + S** up to 210 km/h

**Load index (capacity)**

#### Load index (capacity)

**60** = 250 kg      **84** = 500 kg

**61** = 257kg      **85** = 515 kg

**62** = 265 kg      **86** = 530 kg

**63** = 272kg      **87** = 545 kg

**64** = 280 kg      **88** = 560 kg

**65** = 290 kg      **89** = 580 kg

**66** = 300 kg      **90** = 600 kg

**67** = 307 kg      **91** = 615 kg

**68** = 315 kg      **92** = 630 kg

**69** = 325 kg      **93** = 650 kg

**70** = 335 kg      **94** = 670 kg

**71** = 345 kg      **95** = 690 kg

**72** = 355 kg      **96** = 710 kg

**73** = 365 kg      **97** = 730 kg

**74** = 375 kg      **98** = 750 kg



**Load index (capacity)**

**75** = 387 kg      **99** = 775 kg

**76** = 400 kg      **100** = 800 kg

**77** = 412 kg      **101** = 825 kg

**78** = 425 kg      **102** = 850 kg

**79** = 437 kg      **103** = 875 kg

**80** = 450 kg      **104** = 900 kg

**81** = 462 kg      **105** = 925 kg

**82** = 475 kg      **106** = 950 kg

**83** = 487 kg

**CORRECT READING OF THE RIM CODE**

**Example: 6J x 15 H2 ET 44 (see fig. 253)**

**6** width of the rim in inches (1).

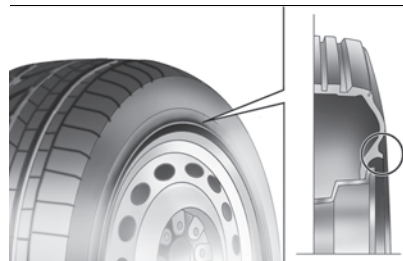
**J** rim drop centre outline (side projection where the tyre bead rests) (2).

**15** fitting diameter in inches (corresponds to the diameter of the tyre to be fitted) ((3) = Ø).

**H2** shape and number of "humps" (circumference measurement which keeps the bead of tubeless tyres in position on the rim).

**ET 44:** wheel camber (distance between the disc/rim supporting plane and the wheel rim centre line).

**RIM PROTECTOR TYRES**



254

F0S0351





## WARNING

**170)** Never use the space-saver spare wheel for more than strictly necessary and never exceed 80 km/h. On the space-saver wheel there is an orange label, summarising the main warnings regarding usage restrictions. Never remove or cover the label. Warning! For temporary use only! 80 km/h max.! Replace by standard wheel as soon as possible.

**171)** Do not fit wheel cups when using integral cups fixed (with springs) to the steel rim and tyres other than factory-fitted tyres provided with Rim Protector fig. 254. Use of unsuitable tyres and wheel caps may cause sudden decrease of tyre pressure.



**RIMS AND TYRES PROVIDED**

Versions	Rims	Tyres provided	Snow tyres	Spare wheel (*)	
				Rim	Tyre
<b>1.4 Euro 6/Euro 6d</b>	6J x 15 H2 ET44	185/65 R15 92T XL	185/65 R15 92T	6J x 15 H2 ET44	185/65 R15
	6J x 15 H2 ET44	195/65 R15 91H (**)	–	6J x 15 H2 ET44	195/65 R15 91H (**)
	6J x 16 H2 ET45	195/55 R16 91H XL	–	6J x 15 H2 ET44	185/65 R15
<b>1.4 Euro 6d Final</b>	6J x 15 H2 ET44	185/65 R15 92T XL	185/65 R15 92T	6J x 15 H2 ET44	185/65 R15
	6J x 15 H2 ET44	195/65 R15 91H (**)	–	6J x 15 H2 ET44	195/65 R15 91H (**)
	6J x 16 H2 ET45	195/55 R16 91H XL	–	6J x 15 H2 ET44	185/65 R15
<b>1.4 Natural Power</b>	6J x 15 H2 ET44	185/65 R15 92T XL	185/65 R15 92T	–	–
	6J x 15 H2 ET44	195/65 R15 91H (**)	–	–	–
	6J x 16 H2 ET45	195/55 R16 91H XL	–	–	–
<b>1.3 16V Multijet Euro 6/Euro 6d</b>	6J x 15 H2 ET44	185/65 R15 92T XL	185/65 R15 92T	6J x 15 H2-ET44	185/65 R15
	6J x 15 H2 ET44	195/65 R15 91H (**)	–	6J x 15 H2-ET44	195/65 R15 91H (**)
	6J x 16 H2 ET45	195/55 R16 91H XL	–	6J x 15 H2 ET44	185/65 R15
<b>1.3 16V Multijet Euro 6d Final</b>	6J x 15 H2 ET44	185/65 R15 92T XL	185/65 R15 92T	6J x 15 H2 ET44	185/65 R15
	6J x 15 H2 ET44	195/65 R15 91H (**)	–	6J x 15 H2 ET44	195/65 R15 91H (**)
	6J x 1 6H2 ET45	195/55 R16 91H XL	–	6J x 15 H2 ET44	185/65 R15

(\*) (for versions/markets, where provided)

(\*\*) The size is certified and only allowed for BRIDGESTONE ECOPIA EP150 tyres

## COLD TYRE INFLATION PRESSURE (bar)

Size	TYRES PROVIDED						SPARE WHEEL (*)
	No load		Medium load		Full load		
	Front	Rear	Front	Rear	Front	Rear	
185/65 R15 (**)	2.3	2.1	2.3	2.1	2.3/2.6 (°)	2.5/2.7 (°)	
195/65 R15 (**) (***)	2.3	2.2	2.3	2.2	2.3	2.5	2.5
195/55 R16 (**)	2.3	2.2	2.3	2.2	2.4 / 2.3 (****)	2.4 / 2.5 (****)	

(\*) (for versions/markets, where provided)

(\*\*) The indicated pressure is aimed at comfort. To privilege fuel efficiency, the tyre pressure can be increased to a maximum of 2.9 bar on the front tyres and 2.7 bar on the rear tyres when unladen or with a medium or full load.

(\*\*\*) The size is certified and allowed only for BRIDGESTONE ECOPIA EP150 tyres.

(\*\*\*\*) Fiorino and Qubo 1.4 Natural Power versions only

(°) For the Turkey Market.

When the tires are warm, the inflation pressure should be + 0.3 bar in relation to the recommended figure. However, recheck that the value is correct with the tyre cold.

With snow tyres, add +0.2 bar to the pressure value prescribed for standard tyres.

**When running at speeds over 160 km/h, inflate tyres at full-load pressures.**

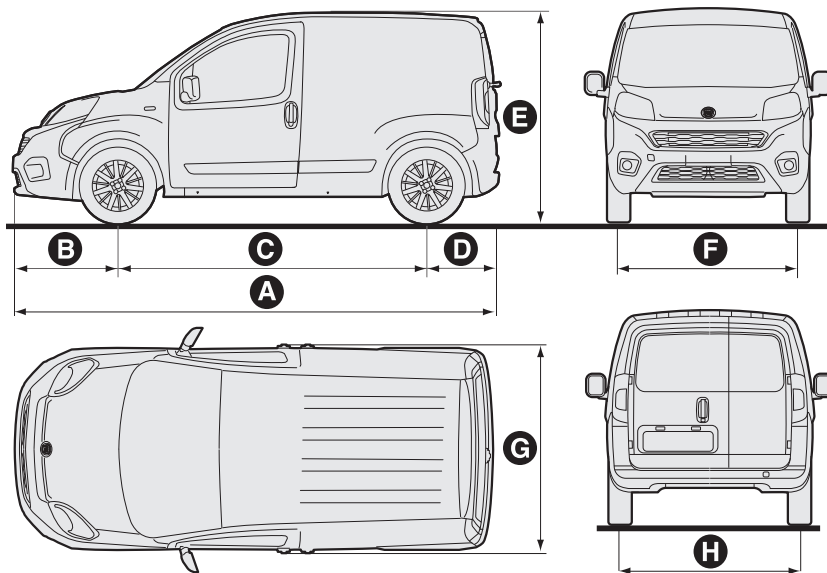


## DIMENSIONS

### Fiorino versions

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres.

Height is measured with vehicle unladen



255

F0T0160

	A	B	C	D	E	F	G	H
Cargo versions	3957	854	2513	590	1721/1782 (*)	1469	1716	1465

	A	B	C	D	E	F	G	H
Cargo Adventure versions	3957	854	2513	590	1742/1803 (*)	1464	1716	1465
Cargo Trekking Versions	3970	854	2513	603	1721/1782 (*)	1469	1716	1465

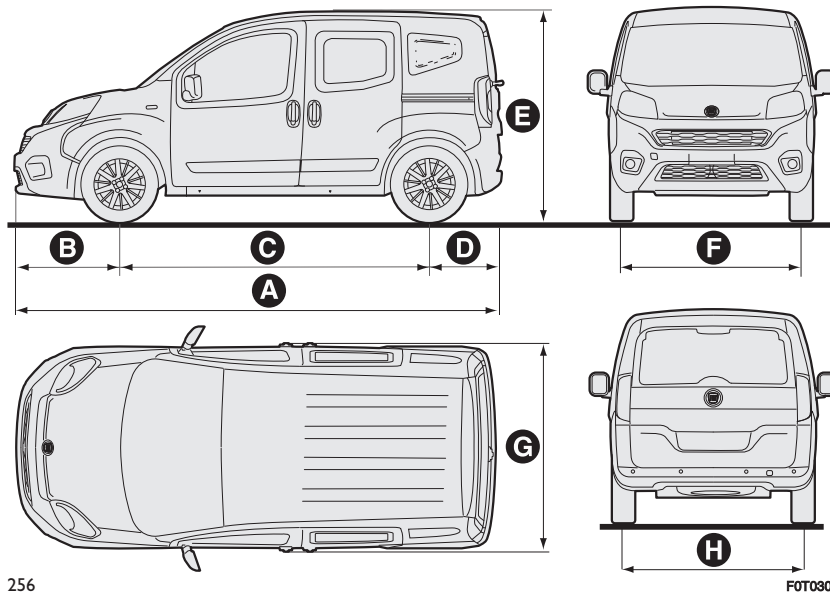
(\*) With roof bars (for versions/markets where provided)



**Qubo versions**

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres.

Height is measured with vehicle unladen



	A	B	C	D	E	F	G	H
Qubo versions	3957/3959 (**)	854/855 (**)	2513	590/591 (**)	1735/1803 (*)	1462	1716	1464

	A	B	C	D	E	F	G	H
Qubo Trekking versions	3971	854	2513	604	1742/1810 (*)	1464	1716	1465

(\*) With roof bars (for versions/markets, where provided)

(\*\*) Natural Power versions



**PERFORMANCE**

Top speed permitted after initial period of use (km/h).

Versions	km/h
<b>1.4 Euro 6/Euro 6d</b>	157 (*) /155 (**)
<b>1.4 Euro 6d Final</b>	155
<b>1.4 Natural Power</b>	155 (***)/149 (****)
<b>1.3 Multijet 80 HP Euro 6/Euro 6d/Euro 6d Final</b>	162 (*) /161 (**)
<b>1.3 Multijet 95 HP Euro 6/Euro 6d/Euro 6d Final</b>	167

(\*) Fiorino Cargo versions

(\*\*) Fiorino Combi and Qubo versions

(\*\*\*) Running on petrol

(\*\*\*\*) Running on methane

## WEIGHTS AND LOADS

To identify the weights and loads for your vehicle, refer to the plate shown in fig. 257 or (for markets/versions, where provided) in fig. 258 and described in the "Vehicle identification number (VIN) plate" chapter or refer to the vehicle registration certificate showing the type-approved weights (for markets, where provided).

XXXX XXXX XXXX		MOTORE-ENGINE	CODICE COLOREPAINT
XXX	XXX	XXX	XXXX
XXX		VERSIONE-VERSION	XXX
	kg		
	kg		
	kg		
1-	kg	N° PER RICAMBI	
2-	kg	N° FOR SPARES	
MADE IN TURKEY			

257

FOV0726

**D** Maximum permitted weight of fully laden vehicle (GVW).

**E** Maximum permitted weight of fully laden vehicle (GVW) plus trailer. If there is no value in the field or if there is a dash, it means that the vehicle cannot tow.

**F** Maximum permitted weight on first front axle.

**G** Maximum permitted weight on second rear axle.

To calculate the towable weight with a braked trailer, take the difference between values (E) and (D) shown on the plate.

E.g.: E= 6000 kg - D= 3500 kg

Braked trailer=2500 kg

**IMPORTANT** Do not exceed the indicated trailer and towable weights.

**IMPORTANT** Comply with the vehicle towing capacities.

The tables show the towable weight for engine version.

(For versions/markets, where provided)

E		Kg
F		Kg
1-	G	Kg
2-	H	Kg
MOTORE-ENGINE		
VERSIONE-VERSION		
N° PER RICAMBI		
N° FOR SPARES		

258

FOT0245

**E** Maximum permitted weight of vehicle fully laden (GVW)

**F** Maximum permitted weight of fully laden vehicle (GVW) plus trailer. If there is no value in the field or if there is a dash, it means that the vehicle cannot tow

**G** Maximum permitted weight on first front axle

**H** Maximum permitted weight on second rear axle

To calculate the towable weight with a braked trailer, take the difference between values F and E shown on the plate.

E.g.: F= 6000 kg - E= 3500 kg

Braked trailer=2500 kg

**IMPORTANT** Do not exceed the indicated trailer and towable weights.

**IMPORTANT** Comply with the vehicle towing capacities. The tables show the towable weight for engine version.



**TOWABLE WEIGHTS (kg)**
**Key:**
**A** = TOWABLE WEIGHT

**B** = UNBRAKED TRAILER

**C** = LOAD ON TOW HOOK

**D** = LOAD ON ROOF

**N1** = goods carrier

**M1** = people carrier

VERSION	GVW	ENGINE	A	B	C	D
	1620	1.3 Multijet 80 HP Euro 6d Final	1000	400	60	100
		1.3 Multijet 95 HP Euro 6d Final				
FIORINO CARGO	1820	1.3 Multijet 80 HP Euro 6d Final	1000	400	60	100
		1.3 Multijet 95 HP Euro 6d Final				
	1905	1.3 Multijet 80 HP Euro 6d Final	1000	400	60	100
		1.3 Multijet 95 HP Euro 6d Final				
	1795	1.3 Multijet 80 HP Euro 6d Final	600	400	60	100
		1.3 Multijet 95 HP Euro 6d Final				
FIORINO COMBI N1	1885	1.3 Multijet 80 HP Euro 6d Final	1000	400	60	100
		1.3 Multijet 95 HP Euro 6d Final				

VERSION GWV	ENGINE	A	B	C	D	
FIORINO PANORAMA M1	1860	1.4 Euro 6d Final	600	400	60	100
	1785	1.3 Multijet 80 HP Euro 6d Final	1000	400	60	100
		1.3 Multijet 95 HP Euro 6d Final				
1925	1.3 Multijet 80 HP Euro 6d Final	1000	400	60	100	
	1.3 Multijet 95 HP Euro 6d Final					
FIORINO TREKKING N1	1785	1.3 Multijet 80 HP Euro 6d Final	1000	400	60	100
		1.3 Multijet 95 HP Euro 6d Final				
QUBO N1	1755	1.3 Multijet 80 HP Euro 6	1000	400	60	70
		1.3 MultiJet 95 HP Euro 6				
	1755 (*)	1.3 MultiJet (*)	600	400	60	70
QUBO	1690	1.4 Euro 6	600	400	60	70
	1710	1.3 Multijet 80 HP Euro 6	1000	400	60	70
		1.3 MultiJet 95 HP Euro 6	1000	400	60	70
QUBO PANORAMA M1	1740	1.3 Multijet 80 HP Euro 6d Final	1000	400	60	100
		1.3 Multijet 95 HP Euro 6d Final				



**Note** For vehicles with tow hook: the vertical static load on the tow hook must be within the maximum permitted weight declared for the vehicle.

## REFUELLING

	1.4 Euro 6/ Euro 6d/ Euro 6d Final		1.4 Natural Power		Recommended fuels and original lubricants
	litres	kg	litres	kg	
Fuel tank (petrol):	45	–	45	–	Unleaded petrol with at least 95 R.O.N. (EN228 specifications)
including a reserve of:	6/7	–	6/7	–	
Methane tank:	–	–	–	13 (approximately) (*)	Methane for motor vehicles
Engine cooling system:	6.64	–	6.6	–	50% mixture of distilled water and <b>PARAFLU UP</b> (**)
Engine sump:	–	2.1	2.4	–	<b>SELENIA K P.E.</b> (1.4 Euro 6/ Euro 6d/ Euro 6d Final) / <b>SELENIA MULTIPOWER GAS 5W-40</b> (1.4 Natural Power)
Engine sump and filter:	–	2.25	2.6	–	
Gearbox casing/differential:	–	1.5	–	1.5	<b>TUTELA TRANSMISSION TECHNYX</b>
Hydraulic power steering:	0.38	0.35	0.38	0.35	<b>TUTELA TRANSMISSION GI/E</b>
Hydraulic brake circuit:	–	0.50	–	0.5	<b>TUTELA TOP 4/S</b>
Windscreen and rear window washer fluid reservoir:	3.0	–	3.0	–	Mixture of water and liquid <b>PETRONAS DURANCE SC 35</b>

(\*) The amount of methane depends on the outside temperature, the supply pressure, the quality of the gas and the type of refuelling system. Total cylinder volume about 77 litres.

(\*\*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU <sup>UP</sup> and 40% demineralised water.

**IMPORTANT** It should be remembered that when using a fuel such as methane the range is very variable because it also depends on the temperature of the gas in the cylinder, as well as on driving conditions and vehicle maintenance. The methane actually heats up during the refuelling and cools down whilst driving, undergoing variations in pressure that reduce the quantity that can be used. It should also be pointed out that whilst the vehicle is being run in (up to around 3000 km) the fuel consumption may be higher than the figures given.

	1.3 Multijet 80 HP Euro 6/ Euro 6d/ Euro 6d Final - 1.3 Multijet 95 HP Euro 6/ Euro 6d/ Euro 6d Final		Recommended fuels and original lubricants
	litres	kg	
Fuel tank:	45	–	Diesel for motor vehicles (EN590 Specification)
including a reserve of:	6/7	–	
Engine cooling system:	7.6	–	50% mixture of distilled water and <b>PARAFLU UP</b> (*)
Engine sump:	3.7	3.13	<b>SELENIA WR FORWARD</b> (Diesel engines without UREA) (**) / <b>SELENIA ECO 2</b> (Diesel engines with UREA)
Engine sump and filter:	3.9	3.30	
Gearbox casing/differential:	1.84	1.6	<b>TUTELA TRANSMISSION TECHNYX</b>
Hydraulic power steering:	0.38	0.35	<b>TUTELA TRANSMISSION GI/E</b>
Hydraulic brake circuit:	–	0.5	<b>TUTELA TOP 4/S</b>
Windscreen and rear window washer fluid reservoir:	3.0	–	Mixture of water and liquid <b>PETRONAS DURANCE SC 35</b>

(\*) When the car is used in particularly harsh weather conditions, we recommend using a 60% mixture of PARAFLU<sup>UP</sup> and 40% demineralised water.

(\*\*) For versions/markets, where provided



## FLUIDS AND LUBRICANTS

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

### RECOMMENDED PRODUCTS AND THEIR SPECIFICATIONS



Use	Features	Specification	Original liquids and lubricants	Applications / Replacement frequency
Lubricants for petrol engines	SAE 5W-40 ACEA C3.	<b>FIAT 9.55535-S2</b>	<b>SELENIA K P.E.</b> Contractual Technical Reference N° F603.C07	According to Scheduled Servicing Plan
Lubricants for petrol/methane engines	SAE 5W-40 ACEA C3.	<b>FIAT 9.55535-T2</b>	<b>SELENIA MULTIPOWER GAS 5W-40</b> Contractual Technical Reference N° F922.E09	According to annual maintenance and inspection plan
Lubricants for diesel engines with UREA	SAE 0W-20 ACEA C5.	<b>FIAT 9.55535-DM1</b>	<b>SELENIA ECO2</b> Contractual Technical Reference N° F049.C18	According to Scheduled Servicing Plan
Lubricants for diesel engines without UREA (*)	SAE 0W-30 ACEA C2.	<b>9.55535-DS1</b>	<b>SELENA WR FORWARD</b> Contractual Technical Reference N° F842.F13	According to Scheduled Servicing Plan
Lubricants and greases for drive transmission	SAE 75W- 85 grade synthetic lubricant.	<b>9.55550-MX3</b>	<b>TUTELA TRANSMISSION TECHNIX</b> Contractual Technical Reference N° F010.B05	Mechanical differentials and gearboxes

Use	Features	Specification	Original liquids and lubricants	Applications / Replacement frequency
Lubricants and greases for drive transmission	Molybdenum disulphide grease, for use at high temperatures. N.L.G.I. consistency 1-2.	<b>9.55580-GRAS II</b>	<b>TUTELA ALL STAR</b> Contractual Technical Reference N° F702.G07	Wheel side constant velocity joints
	Low friction coefficient grease for constant velocity joints. N.L.G.I. consistency 0-1.	<b>9.55580-GRAS II</b>	<b>TUTELA STAR 700</b> Contractual Technical Reference N° F701.C07	Differential side constant velocity joints
	Automatic transmission lubricant. Exceeding ATF DEXRON III specifications.	<b>FIAT 9.55550- AG2</b>	<b>TUTELA TRANSMISSION GI/E</b> Contractual Technical Reference N° F001.C94	Hydraulic power steering
Brake fluid	Synthetic fluid, NHTSA no. 116 DOT 4, ISO 4925, SAE J-1704, CUNA NC 956-01.	<b>9.55597</b> or <b>MS.90039</b>	<b>TUTELA TOP 4/S</b> Contractual Technical Reference N° F005.F15	Hydraulic brakes and hydraulic clutch controls
Protective agent for radiators	Red protective with antifreeze action, based on inhibited monoethyl glycol with organic formula. Exceeds CUNA NC 956-16, ASTM D 3306 specifications.	<b>9.55523</b> or <b>MS.90032</b>	<b>PARAFLU<sup>UP</sup> (**)</b> Contractual Technical Reference N° F101.M01	Percentage of use: 50% demineralised water 50% <b>PARAFLU<sup>UP</sup> (***)</b>
Fuel additive	Additive for diesel antifreeze, protecting diesel engines.	—	<b>PETRONAS DURANCE DIESEL ART (****)</b> Contractual Technical Reference N° F601.C06	To be mixed with diesel (25 cc per 10 litres)



Use	Features	Specification	Original liquids and lubricants	Applications / Replacement frequency
Windscreen/rear window washer fluid	Mixture of alcohol, water and surfactants CUNA NC 956-II.	<b>9.55522</b> or <b>MS.90043</b>	<b>PETRONAS DURANCE SC 35</b> Contractual Technical Reference N° F001.D16	To be used diluted or undiluted in windscreen washer/wiper systems

(\*) For versions/markets where provided

(\*\*) **IMPORTANT** Do not use fluids with different specifications for topping up or mixing.

(\*\*\*) When the vehicle is used in particularly harsh weather conditions, we recommend using a 60% mixture of **PARAFLUUP** and 40% demineralised water.

(\*\*\*\*) Recommended product.

If lubricants conforming to the specific request are not available, products that meet the indicated specifications can be used to top up; in this case optimal performance of the engine is not guaranteed.

For petrol engines running on methane, we recommend using the original product formulated specifically for this type of use.

The use of products with specifications below ACEA C3 - SAE 5W-40 could cause damage to the engine not covered by the warranty.



**IMPORTANT**

**42)** *The use of products with different specifications than those indicated below could cause damage to the engine not covered by the warranty.*

## FUEL CONSUMPTION AND CO<sub>2</sub> EMISSIONS

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The fuel consumption and CO<sub>2</sub> emission figures declared by the manufacturer are determined on the basis of the type-approval tests laid down by the applicable standards in the country where the vehicle is registered.

The type of route, traffic situations, weather conditions, driving style, general conditions of the vehicle, trim level/equipment/accessories, climate control system, vehicle load, roof rack, other situations that affect aerodynamics or air drag may lead to different fuel consumption levels than those measured. The fuel consumption will only become more regular after driving the first 3000 km.

To find the specific fuel consumption and CO<sub>2</sub> emission figures for this vehicle, please refer to the data in the Certificate of Conformity, and the related documentation that accompanies the vehicle.



# RADIO FREQUENCY REMOTE CONTROL: OFFICIAL TYPE APPROVALS

<p><b>DECLARATION OF CONFORMITY</b> Directive 99/5/EC (R&amp;T/ED)</p>	
<p>Manufacturer or Authorized representative: Delphi Deutschland GmbH</p>	<p>Wiefel 4 D-51765 Engelskirchen Germany</p>
<p>We declare on our sole responsibility, that the following product:</p>	<p><b>Kind of equipment:</b> Vehicle immobilizer</p>
<p><b>Type-designation:</b></p>	<p>F12-125 kHz</p>
<p>is in compliance with the essential requirements of §3 of the R&amp;T/ED.</p>	<p>- Health and safety requirements pursuant to §3(1)a: Applied Standard(s) or other means of providing conformity: EN60950-1:2001</p>
<p>- Protection requirements concerning EMC §3(1)b: Applied Standard(s) or other means of providing conformity: 2006/20/EC</p>	<p>- Measures for the efficient use of the radio frequency spectrum §3(2) Applied Standard(s) or other means of providing conformity: ETSI-EN 300 330-2 V1.3.1 (2006-04)</p>
<p>_____ Wiefel, 2007-04-20 place and date of issue</p>	<p><b>DELPHI</b> Deutschland GmbH R&amp;D &amp; Security Technology Wiefel 4 - 51765 Engelskirchen Telefon 02060 7477-0 Telefax 02060 7477-1</p> <p>_____ Cyrille Emelianoff (European Businessline Director C+S)</p>

## PRESCRIPTIONS FOR HANDLING THE VEHICLE AT THE END OF ITS LIFE

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Fiat 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 assure customers of 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, Fiat is offering their customers the opportunity of handing 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. In particular, in almost all European Union countries, until 1st January 2007, vehicles registered after 1st July 2002 will be collected free of charge, whilst from 2007 collection will be free of charge irrespective of the year of registration as long as the vehicle contains its basic components (in particular, the engine and bodywork) and has no additional waste.

To hand your vehicle over at the end of its life without extra cost, contact a Fiat Dealership or authorised collection and scrapping centres. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of vehicles at their end of life, respecting the surrounding environment.

You can find further information on these collection and scrapping centres either from a Fiat or Fiat Commercial Vehicle Dealership or by calling the freephone number 00800 3428 0000 or by going on the Fiat website.

(\*) Vehicle for transporting passengers with a maximum of nine seats and a total permitted weight of 3.5 t.





*This chapter describes the main functions of the radio which may be fitted on the vehicle.*

## MULTIMEDIA

RADIO .....	229
MOPAR <sup>®</sup> CONNECT.....	240
OFFICIAL TYPE APPROVALS .....	241

## RADIO

(for versions/markets, where provided)  
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.

#### Reception conditions

Reception conditions change constantly while driving. Reception may be interfered with by the presence of mountains, buildings or bridges, especially when you are far away from the broadcaster.

**WARNING** The volume may be increased when receiving traffic information and news.



172)

#### Care and maintenance

Only clean the cover with a soft, anti-static cloth. Cleaning and polishing products may damage the surface. Do not use alcohol, petrol or their derivatives to clean the display lens and

make sure that the radio is off during cleaning.

### ANTITHEFT 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) present on the vehicle.

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 secret code is requested, the display will show the word "Code" for about 2 seconds followed by four dashes "- - - -".

The secret code is made up of four digits from 1 to 6, each corresponding to one of the dashes.

To enter the first digit of the code, press the button corresponding to the pre-selected stations (from 1 to 6). Enter the other code digits in the same way.

If the four digits are not entered within 20 seconds, the display shows the text "Enter code - - - -".

If this occurs, it is not considered an incorrect code entry.

After entering the fourth digit (within 20 seconds), the car radio will 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, 1h, 2h, 4h, 8h, 16h, 24h) 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 ownership of the car radio. The car radio passport shows the radio model, serial number and secret code.



**WARNING** Keep the radio passport in a safe place so that you can give the information to the relevant authorities if the radio is stolen. In case of loss of the car radio passport, contact the Fiat Dealership, taking an ID document and the vehicle ownership documents.

### PROVISION

The system consists of:

- radio supply leads;
- front door panel speaker cables;
- rear speaker cables (on the side of the parcel shelf) (for versions/markets, where provided);
- radio housing;
- antenna wires.

### SYSTEM TECHNICAL SPECIFICATIONS

The system consists of:

- radio supply leads;
- front door panel speaker cables;
- rear speaker cables (on the side of the parcel shelf) (for versions/markets, where provided);
- 2 tweeter located on rear-view mirror trim;
- 2 mid-woofer Ø130 mm located on the door;
- rear speakers (optional, for versions/markets, where provided);
- 2 full-range Ø100 mm speakers located on the parcel shelf;

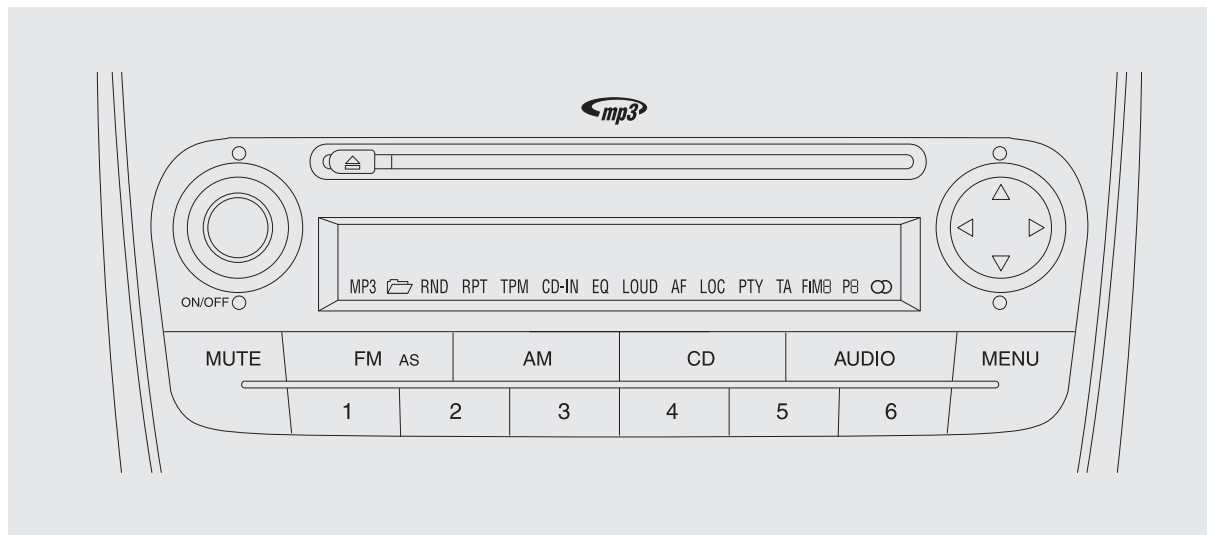
- anti-theft protection system;
- aerial;
- radio with CD MP3 player.



### WARNING

**172)** *If the volume is too loud this could be dangerous for the driver and for passengers when driving in traffic. Always adjust the volume so that you can still hear background noises.*

# QUICK REFERENCE GUIDE



260


F0T0016



## General functions

Button	Functions	Mode
<b>ON/OFF</b>	Switching on	Short button/knob press
	Switching off	Long button/knob press
	Volume adjustment	Left/right button/knob rotation
<b>MUTE</b>	Volume activation/deactivation (Mute/Pause)	Brief button press
<b>FM AS</b>	FM1, FM2, FM Autostore radio source selection	Brief cyclical button press
<b>AM</b>	MW1, MW2 radio source selection	Brief cyclical button press
<b>CD</b>	Selection of radio/CD/CD CHANGER source	Brief cyclical button press
<b>AUTO</b>	Audio adjustments: low tones (BASS), high tones (TREBLE), RH/LH balance (BALANCE), front/rear balance (FADER)	Menu activation: push button briefly Adjustment type selection: press buttons ▲ or ▼. Adjusting the settings: press buttons ◀ or ▶.
<b>MENU</b>	Advanced functions adjustment	Menu activation: push button briefly Adjustment type selection: press buttons ▲ or ▼. Adjusting the settings: press buttons ◀ or ▶.

## Radio functions

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

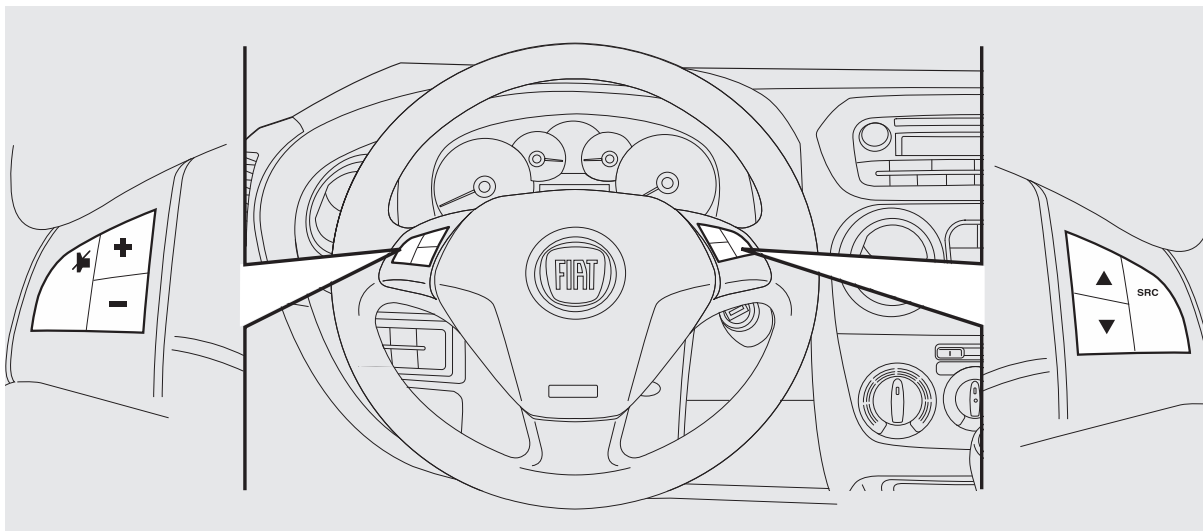
## CD functions

Button	Functions	Mode
▲	CD ejection	Brief button press
◀▶	Play previous/next track	Short press of buttons ◀ or ▶
	Fast forwarding/rewinding CD track	Long press of buttons ◀ or ▶
▲▼	Playing previous/next folder (for CD-MP3) Playing previous/next folder (for CD CHANGER)	Short press of buttons ▲ or ▼



**STEERING WHEEL CONTROLS**

(for versions/markets, where provided)



261

FOT0297

Button	Functions	Mode
	AudioMute switching on/off (Radio mode) or Pause function (MP3 mode)	Brief button press
+	Increasing volume	Button press
-	Decreasing volume	Button press
<b>SRC</b>	Radio frequency range selection (FM1, FM2, FMT, FMA, MW) and listening sources (Radio - CD - MP3 - CD CHANGER)	Button press

Button	Functions	Mode
▲	Radio: recall programmed stations (from 1 to 6) CD/CD MP3/CD CHANGER: selection of next track	Button press
▼	Radio: pre-selected station (from 1 to 6) recall CD/CD MP3/CD CHANGER: previous track selection	Button press



## GENERAL INFORMATION

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;
- 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;
- automatic storing (AUTOSTORE function) of 6 stations in the dedicated FM band;
- SPEED VOLUME function: automatic volume adjustment according to the vehicle 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 CDs, CD-Rs and CD-RWs.



### 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;
- Reading 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.

## FUNCTIONS AND

## ADJUSTMENTS

### SWITCHING ON THE RADIO

The car radio comes on when the ON/OFF button/knob is briefly pressed. When the radio is turned on with the key extracted from the ignition switch, it turns off automatically after about 20 minutes.

## SWITCHING OFF THE RADIO

Keep the ON/OFF button/knob pressed.

## SELECTING THE RADIO FUNCTIONS

By pressing the FM AS button quickly and repeatedly, the following audio sources can be selected cyclically:

- TUNER ("FM1", "FM2", "FMA").

By pressing the AM button briefly and repeatedly, the following audio sources can be selected cyclically:

- TUNER ("MW1", "MW2").

## SELECTING THE CD/CD CHANGER FUNCTION

By briefly pressing the CD button, the CD/CD CHANGER audio source can be selected (only with a CD loaded).

## MUTE/PAUSE FUNCTION (setting volume to zero)

Press the MUTE button briefly to activate the Mute function.

Press the Mute button again to deactivate the MUTE function.

The Mute function will be overridden when there is an incoming traffic alert (if the TA function is on) or if an emergency alarm is received. The function will be reactivated when the alert is over.

## AUDIO SETTINGS

The functions that can be selected from the audio menu change depending on the context: AM/FM/CD/CD CHANGER.

Press the AUDIO button briefly to change the Audio functions.

After the AUDIO button is first pressed, the display will show the bass level value for the source activated at that time (e.g. in FM mode the display will show the wording "FM Bass +2").

Use the ▲▼ buttons to scroll through the menu functions. To change the setting of the function selected use the ◀▶ buttons.

The current status of the selected function appears on the display.

The functions managed by the Menu are:

- BASS (adjustment of bass tones);
- TREBLE (adjustment of high tones);
- BALANCE (right/left balance adjustment);
- FADER (front/back balance adjustment);
- LOUDNESS (LOUDNESS function activation/deactivation);
- EQUALISER (activation and selection of factory-set equaliser levels);
- USER EQUALISER (customised equaliser setting).

## MENU

### MENU button functions

Press the button MENU briefly to activate the Menu function. The display will show the first menu item that can be adjusted (AF) ("AF Switching On" on the display).

Use the ▲ or ▼ buttons to scroll through the menu functions. To change the setting of the function selected use the ◀ or ▶ buttons.

The current status of the selected function appears on the display.

The functions managed by the Menu are:

- AF SWITCHING (alternative frequency search) (ON/OFF);
- TRAFFIC INFORMATION (ON/OFF);
- REGIONAL MODE (ON/OFF);
- MP3 DISPLAY (CD MP3 / CD CHANGER data);
- SPEED VOLUME (volume change based on speed);
- RADIO ON VOLUME (radio maximum limit on/off);
- AUX OFFSET (alignment of the portable device volume to that of the other sources) (for versions/markets, where provided);
- RADIO OFF (switching-off mode);
- SYSTEM RESET (reset of factory settings).

Press the button MENU again to exit the Menu function.

**WARNING** The AF SWITCHING, TRAFFIC INFORMATION and REGIONAL MODE adjustments are only possible in FM mode.

## RADIO (Tuner)

When the radio is turned on, it will activate the last source listened to before it was switched off: Radio, CD, CD MP3.

To select the Radio function when another audio source is being listened to, briefly press the FM, AS or AM buttons, depending on the desired band.

## SELECTING A FREQUENCY BAND

With the Radio mode active, press the FM, AS or AM button briefly and repeatedly to select the desired reception band.

Each time the button is pressed the following bands are selected cyclically:

- Pressing the FM AS button: "FM1", "FM2" or "FMA";
- Pressing the AM button: "MW1", "MW2".

Each band is highlighted by the name in the display. The last station selected on the respective frequency band will be tuned into.



## PRESET BUTTONS

The buttons numbered from 1 to 6 are used to set the following preset stations:

- 18 in the AM band; 6 in FM1, 6 in FM2, 6 in FMT or "FMA" (on some versions);
- 12 in the MW band.

To listen to a preset station, select the desired frequency band and then briefly press the corresponding preset button (from 1 to 6).

By pressing the preset button for more than 2 seconds, the tuned station will be stored. The storing phase is confirmed by an acoustic signal.

## AUTOMATIC TUNING

Briefly press the ◀ or ▶ button to start the automatic tuning search for the next station that can be received in the selected direction.

Briefly press ◀ or ▶ button is pressed down longer, the fast search starts.

When the button is released, the tuner will stop on the next station that can be received.

If the TA function (traffic news) is on, the tuner searches only for stations that broadcast traffic news.

## MANUAL TUNING

This is used to manually search for stations in the preselected band. Select

the desired frequency band and then press the ▲ or ▼ button briefly and repeatedly to start to the search in the desired direction. If the ▲ or ▼ buttons are pressed longer, the fast search will start and then stop when the button is released.

## AUTOSTORE FUNCTION (automatic station storing)

To activate the Autostore function, hold the FM AS button pressed until a beep is heard. With this function, the radio automatically stores the 6 stations with the strongest signal in decreasing order on the FMA frequency band.

During the automatic storing process, the text "Autostore" flashes on the display.

Press the FM AS button again to stop the Autostore function: the radio will again tune into the station listened to before the activation of the function.

When the Autostore scan is concluded, the radio will automatically tune into the first preset station on the FMA band (preset 1).

The stations that have a strong signal at that moment are then automatically stored in the preselected band in the buttons numbered 1 to 6.

When the Autostore function is activated within the MW band, the FMA

band is automatically selected and the function is performed.

**WARNING** Sometimes the Autostore function is not able to find 6 stations with a strong signal. In this case, the strongest stations stored will be duplicated in the free preset buttons.

**WARNING** When the Autostore function is activated, the stations that were previously stored in the FMA band are deleted.

## EMERGENCY ALARM RECEPTION

The radio can receive emergency alerts in RDS mode in exceptional circumstances or when there are dangerous situations (earthquakes, floods, etc.), if these are being transmitted by the broadcaster tuned into.

This function is activated automatically and cannot be turned off.

The word ALARM will be shown in the display during the transmission of an emergency announcement. The volume of the radio changes during this announcement in the same way as during traffic news.

## CD PLAYER

This chapter describes the variants regarding the operation of the CD player only: as far as the operation of the radio is concerned, refer to the description in the "Functions and Adjustments" chapter.

### SELECTING THE CD PLAYER

To activate the CD player built-into the equipment, proceed as follows:

□ insert a CD with the equipment switched on: the first track will start to play;

or

□ if a CD has already been loaded, switch on the radio and then briefly press the CD button to select the "CD" operating mode: the last track listened to will start to play.

### INSERTING/ EJECTING CD

To load the CD, insert it gently into the slot to activate the motorised loading system, which will position it correctly.

Press the ▲ button with the radio on to activate the motorised ejection of the CD. After ejection, the last audio source listened to before playing the CD will be heard.

If the CD is not removed from the radio, it will automatically be reloaded about 20 seconds later and will tune into Tuner mode (Radio).

The CD cannot be ejected if the radio is off.

If the ejected CD is reloaded without having removed it completely from the slot, the radio will not switch to the CD source.

### Possible error messages

If the loaded CD cannot be played (e.g. a CD ROM has been inserted or the CD is inserted the wrong way round or there is reading error) the display shows the words "CD Disc error".

## CD MP3 PLAYER

### SELECTING MP3 SESSIONS ON HYBRID DISCS

If a hybrid disc is inserted (Mixed Mode, Enhanced, CD-Extra) also containing MP3 files, the radio automatically starts playing the audio session. It is possible to move to the MP3 session whilst playing by keeping the CD button pressed for more than 2 seconds.

**WARNING** When the function is activated the radio may take a few seconds to start playback. Whilst checking the disc the display will show "CD READING". If no MP3 files are detected, the radio will resume playing the audio session from the point where it was interrupted.

## SELECTING NEXT/PREVIOUS FOLDER

Press the button ▲ to select one of the next folders or press the ▼ button to select a previous folder. The display will show the number and the name of the folder (e.g. "DIR 2 XXXXXX").

XXXXXX: name of the folder (the display will only show the first 8 characters).

The folders are selected cyclically: the first folder is selected after the last folder and vice versa.

## CD CHANGER (CDC)

▲ 44)

This chapter only describes the variants regarding the operation of the CD Changer (for versions and markets where provided); as far as the operation of the radio is concerned, refer to the description in the "FUNCTIONS AND ADJUSTMENTS" chapter.

### CD CHANGER SELECTION

Turn the radio on and briefly and repeatedly press the button CD until the "CD CHANGER" function is selected.

### SELECT CD

Press button ▲ to select the next CD or button ▼ to select the previous CD. If there is no disc present in the CD changer in the selected position, the



words “NO CD” will appear briefly on the display. The next disc will then automatically be played.



### IMPORTANT

**43)** 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.

**44)** To install and connect a Lineaccessori CD Changer please refer exclusively to the Fiat Dealership.

## MOPAR® CONNECT

(where provided)

These services let you keep your vehicle under control at all times and receive assistance in the event of accident, theft or breakdown.

To have these services, install the **Mopar® Connect** Device on your vehicle from the country (list available on the [www.driveuconnect.eu](http://www.driveuconnect.eu) website) and request activation by following the instructions received at the email address given when your vehicle was handed over to you.

Download the **Uconnect™ LIVE** App or access the [www.driveuconnect.eu](http://www.driveuconnect.eu) portal to use the connected services.

You can find all the details about the services in the **Mopar® Connect** section of the [www.driveuconnect.eu](http://www.driveuconnect.eu) portal.

### PRIVACY MODE

Privacy mode lets you disable the “Find car”, “Notify Area” and “Notify Speed” services, which allow registered customers to locate their cars, for a fixed time.

**WARNING** Vehicle position tracing remains active for the assistance services, where provided, in the event of accident or vehicle theft, but is not visible to the customer.

### PRIVACY MODE activation procedure

Proceed as follows:

- take note of the total odometer reading;
- make sure that the instrument panel is off;
- Send the following text message to +393424112613: “PRIVACY <VEHICLE\_CHASSIS\_NUM> <TOTAL\_MILEAGE\_KM>” (e.g.: PRIVACY ZFA3340000P123456 12532). You can find the chassis number in the registration document;
- before starting the engine, wait to receive the text message confirming

that Privacy mode has been activated and indicating when it expires.

When you have received the confirmation, you can start your trip in the knowledge that the vehicle will not be traced until the indicated expiry time. If it expires while you are still travelling, Privacy mode will be extended until you turn off the engine (instrument panel off).

If you receive a text message indicating that your request was not successful, you must be aware that the vehicle will continue to be visible to the registered customer.

If you have any doubts or problems during activation, consult the FAQ on the [www.driveuconnect.eu](http://www.driveuconnect.eu) portal, contact the Fiat Dealership or contact Customer Care.

## OFFICIAL TYPE APPROVALS

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The radio equipment supplied with the vehicle complies with Directive 2014/53/EU, UA.RED.TR and the French SAR Decree Law of 15/11/2019.

For more information about certifications and open source lists available for in-car components use the following:  
<http://aftersales.fiat.com/elum/>

### Radio frequency devices



All radio frequency devices comply with the regulations in force in the countries in which they are sold.

For further information go to [www.mopar.eu/owner](http://www.mopar.eu/owner) or <http://aftersales.fiat.com/elum>.





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*Always ask your mechanic for **PETRONAS Selenia.***



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#### **PETRONAS Selenia K Power**

Fully synthetic lubricant developed for American design petrol engines.

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#### **PETRONAS Selenia Digitek Pure Energy**

Fully synthetic lubricant for petrol engines. High fuel economy characteristics.

#### **PETRONAS Selenia Multipower Gas**

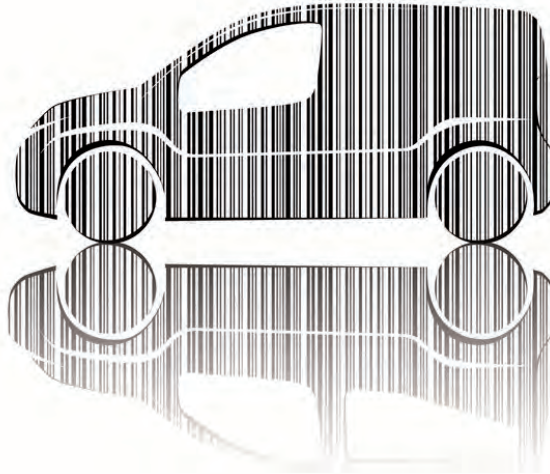
Fully synthetic lubricant for petrol engines supplied with methane or LPG. Protection against valve wear.

#### **PETRONAS Selenia Multipower C3**

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This to guarantee **performance** and **safety** for you and your passengers on board, for a long time.

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# CONTENTS

<b>ABS</b> . . . . .	104
Additive for diesel emissions AdBlue (Urea) . . . . .	142
Air filter . . . . .	187
Airbags (general warnings) . . . . .	127
Alarm system . . . . .	21
Arrangement possibilities for Universal Isofix child restraint system on seats of vehicle . . . . .	117
Ashtray . . . . .	52
ASR system . . . . .	105
<b>B</b> attery . . . . .	179
Replacement . . . . .	179
Battery (recharging) . . . . .	185
Bodywork	
Advice for preserving the bodywork . . . . .	190
Exterior and underbody warranty . . . . .	190
Protection from atmospheric agents . . . . .	190
Bodywork version . . . . .	198
Bonnet	
Closing . . . . .	42
Opening . . . . .	42
Boot	
Cargo Box . . . . .	45
Double rear wing doors . . . . .	45

Emergency opening . . . . .	45
Extending the boot . . . . .	45
Opening the tailgate from the outside . . . . .	45
Removing the parcel shelf . . . . .	45
Removing the rear seats . . . . .	45
Repositioning the rear seat . . . . .	45
Securing the load . . . . .	45
Brake fluid . . . . .	179
Brakes	
features . . . . .	204
Bump starting . . . . .	168
<b>C</b> arrying children safely	
Arrangement possibilities for child restraint systems . . . . .	114
Child restraint systems . . . . .	114
Safety regulations . . . . .	117
Cartridge replacement . . . . .	149
Ceiling light with movable lens (bulb replacement) . . . . .	158
Ceiling lights . . . . .	32
Central and side vents . . . . .	36
Changing a wheel . . . . .	145
Changing battery - key with remote control . . . . .	18
Chassis marking . . . . .	195
Checking levels . . . . .	179
Cigarette lighter . . . . .	52
Clutch . . . . .	203

CO2 emissions . . . . .	225
Conditions of use . . . . .	139
Coupling the tow ring . . . . .	169
Cruise Control . . . . .	133
<b>D</b> ead Lock device . . . . .	18
Demanding vehicle use . . . . .	178
Diesel particulate filter (DPF) . . . . .	61
Digital display	
Control buttons . . . . .	69
Setup menu . . . . .	69
Standard screen . . . . .	69
Dimensions . . . . .	212
Cargo versions . . . . .	212
Dipped beam headlights . . . . .	30
Dipped/main beam headlights (bulb replacement) . . . . .	155
Direction indicators . . . . .	30, 155
(bulb replacement) . . . . .	155
Document holder clip . . . . .	52
Doors (unlocking/locking) . . . . .	22
Double rear wing doors . . . . .	22
DPF (particulate filter) . . . . .	61
Driver protection ladder . . . . .	43
Driver side armrest . . . . .	52
Driving style . . . . .	139
<b>E</b> BD system . . . . .	104
Electric windows . . . . .	41
Emergency starting . . . . .	168



Engine . . . . .	200	Front light clusters (bulb replacement) . . . . .	155	Isofix child restraint systems (setup) . . . . .	117
Engine codes . . . . .	198	Front power socket . . . . .	52	Arrangement possibilities for child restraint system on seats of vehicle . . . . .	117
Engine compartment fuses . . . . .	160	Fuel consumption . . . . .	225	Isofix child seat assembly setup . . . . .	117
Engine coolant . . . . .	179	Fuel cut-off system . . . . .	169	iTPMS . . . . .	107
Engine coolant temperature indicator . . . . .	64	Fuel level gauge . . . . .	64	<b>J</b> ack . . . . .	145
Engine oil . . . . .	179	Fuel tank cap . . . . .	140	Jump starting . . . . .	130, 168
EOBD system . . . . .	79	Fuses (replacement) . . . . .	160	<b>K</b> eys Key with remote control . . . . .	18
ESC (system) . . . . .	105	<b>G</b> ear lever . . . . .	132	Ordering additional remote controls . . . . .	18
External lights . . . . .	30	Glove compartment . . . . .	52	<b>L</b> ifting the vehicle . . . . .	189
<b>F</b> iat CODE system . . . . .	20	<b>H</b> andbrake . . . . .	131	Light beam alignment . . . . .	30
Fix&Go automatic kit . . . . .	149	Handbrake lever . . . . .	131	Light bulbs Bulb types . . . . .	151
Fix&Go Automatic quick tyre repair kit . . . . .	149	Hazard warning lights . . . . .	145	Longitudinal roof bars . . . . .	54
Flashing the headlights . . . . .	30	Head restraints Front . . . . .	27	<b>M</b> ain beam headlights . . . . .	30
Fluids and lubricants . . . . .	222	Rear . . . . .	27	Maintenance and care - regular checks . . . . .	178
Fog lights . . . . .	30	Headlight alignment corrector . . . . .	30	Maintenance and care - Scheduled Servicing . . . . .	172
(bulb replacement) . . . . .	155	Heating and ventilation . . . . .	37	Manual climate control system . . . . .	39
Follow Me Home . . . . .	30	Heating and ventilation system . . . . .	36	Manually deactivating the front airbag and side bag . . . . .	122
Front airbags . . . . .	122	Hill Holder (system) . . . . .	105	Mopar® Connect . . . . .	240
Front airbag driver's side . . . . .	122	<b>I</b> dentification data . . . . .	195	Motor marking . . . . .	195
Manually deactivating the front airbag and side bag . . . . .	122	Ignition device . . . . .	20	MSR system . . . . .	105
Passenger's front airbag . . . . .	122	Inflation pressure . . . . .	207		
Front ceiling light . . . . .	158	Instrument panel . . . . .	64		
Front ceiling light with map reading lights . . . . .	158	Interior . . . . .	192		
(bulb replacement) . . . . .	158	Interior fittings . . . . .	52		
Front light clusters . . . . .	155				

Multifunction display		Rear fog lights . . . . .	30	SBR system . . . . .	111
Control buttons . . . . .	72	Rear light clusters . . . . .	155	Scheduled servicing - Scheduled	
Setup menu . . . . .	72	(bulb replacement) . . . . .	155	servicing plan . . . . .	173
Standard screen . . . . .	72	Rear power socket . . . . .	52	Seat belts	
<b>N</b> ozzles . . . . .	187	Rear side windows . . . . .	52	Use . . . . .	110
Number plate lights		Rear window washer . . . . .	34	Seats	
(bulb replacement) . . . . .	155	Rear Window Wiper . . . . .	34, 187	Foldaway passenger seat . . . . .	26
<b>O</b> fficial type approvals . . . . .	241	Rear-view mirrors		Front seats . . . . .	26
On-board instruments . . . . .	64	Door mirrors . . . . .	29	Rear seats . . . . .	26
		Interior mirror . . . . .	29	Service Schedule . . . . .	173
<b>P</b> arcel shelf . . . . .	45	Refuelling . . . . .	220	Setup menu . . . . .	69
Parking lights . . . . .	30	Refuelling the vehicle . . . . .	140	Side bags . . . . .	127
Parking sensors . . . . .	134	Repair procedure . . . . .	149	Side bag . . . . .	127
Partitions . . . . .	43	Replacing a bulb . . . . .	151	Side lights	
Securing the load . . . . .	43	Replacing an exterior bulb . . . . .	155	(bulb replacement) . . . . .	155
Passenger compartment		Replacing interior bulbs . . . . .	158	Side/tail lights . . . . .	30
fuses . . . . .	160	Replacing wiper blades		Sliding side doors . . . . .	22
Performance . . . . .	216	Rear window wiper . . . . .	187	Spare wheel . . . . .	207
Pollen filter . . . . .	187	Windscreen wiper . . . . .	187	Speed block . . . . .	134
Power steering fluid . . . . .	179	Restoring pressure . . . . .	149	Speedometer . . . . .	64
Power supply . . . . .	202	Rev counter . . . . .	64	Start&Stop system . . . . .	136
Prescriptions for vehicle at end of		Reversing lights		Starting the engine . . . . .	130
life . . . . .	227	(bulb replacement) . . . . .	155	Steering . . . . .	206
Pre-tensioners . . . . .	112	Rim protector . . . . .	207	Steering column lock . . . . .	20
Prolonged vehicle inactivity . . . . .	188	Rims and wheels . . . . .	207	Steering wheel . . . . .	28
Protecting the environment . . . . .	61	Roof rack/ski rack . . . . .	54	Stop Lights	
<b>R</b> adio . . . . .	229	Rubber hoses . . . . .	190	(bulb replacement) . . . . .	155
Rain sensor . . . . .	34	<b>S</b> aving fuel . . . . .	139	Storage compartment . . . . .	52
Rear ceiling light . . . . .	158			Sun visors . . . . .	52



Suspension . . . . .	205	Windscreen wiper . . . . .	34, 187
Switching off the engine . . . . .	130	Smart washing function . . . . .	34
<b>T</b> ail lights/rear fog light		Windscreen/rear window washer	
(bulb replacement) . . . . .	155	fluid . . . . .	179
Third brake lights . . . . .	155		
(bulb replacement) . . . . .	155		
Towing the vehicle . . . . .	169		
Towing trailers . . . . .	143		
Traction Plus system . . . . .	109		
Transmission . . . . .	132, 203		
Trip computer . . . . .	78		
Tyres . . . . .	207		
<b>V</b> ehicle summary identification and paintwork plate . . . . .	195		
Version with methane system (Natural Power) . . . . .	55		
<b>W</b> arming up the engine just after it has started . . . . .	130		
Warning lights and messages . . . . .	81		
Weights and loads . . . . .	217		
Wheel geometry . . . . .	207		
Wheel replacement procedure . . . . .	145		
Wheels . . . . .	207		
Wheels and tyres . . . . .	189		
When Parked . . . . .	132		
Window washing . . . . .	34		

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