



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

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

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

### **ONLINE VEHICLE OWNER HANDBOOK**

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

Go to the [www.mopar.eu/owner](http://www.mopar.eu/owner) website and access your personal area.

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

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

Have a nice reading and happy motoring!

## Dear Customer,

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

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

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

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

This document also provides a description of special features and tips, as well as essential information for the safe driving, care and maintenance of your Fiat  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 onboard the vehicle should it be sold. In the attached Warranty Booklet you will also find a description of the Services that Fiat offers to its customers, the Warranty Certificate and the detail of the terms and conditions for maintaining its validity.

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

## IMPORTANT

**This Owner Handbook describes all versions of the Fiat ; please consider only the information relevant to your car's trim level, engine and version. All data contained in this publication is purely indicative. FCA Italy S.p.A. can modify the specifications of the vehicle model described in this publication at any time, for technical or marketing purposes. For further information, contact a Fiat Dealership.**

# READ THIS CAREFULLY

## REFUELLING



**Petrol engines:** only refuel with unleaded petrol with octane rating (RON) not less than 95 in compliance with the European specification EN228. Do not use petrol containing methanol or ethanol E85. Using these mixtures may cause misfiring and driving issues, as well as damage fundamental components of the supply system.

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

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

## STARTING THE ENGINE



**Versions with manual gearbox (petrol engines):** 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 AVV and release the key as soon as the engine has started.

**Versions with manual gearbox (diesel engines):** 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 lights to switch off  . Turn the ignition key to AVV and release it as soon as the engine starts.

**Versions with automatic transmission:** make sure that the handbrake is engaged and that the gear lever is in P (Parking) or N (Neutral), fully depress the brake pedal, then turn the ignition key to AVV.

## PARKING ON FLAMMABLE MATERIAL



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

## RESPECTING THE ENVIRONMENT



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

## ELECTRICAL ACCESSORIES



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

## SCHEDULED SERVICING



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

# USE OF THE OWNER HANDBOOK

## OPERATING INSTRUCTIONS

Each time direction instructions (left/right or forwards/backwards) about the vehicle are given, these must be intended as regarding an occupant in the driver's seat. Special cases not complying with this rule will be properly specified in the text.

The figures in the Owner Handbook are provided by way of example only: this might imply that some details of the image do not correspond to the actual arrangement of your vehicle. In addition, the Handbook has been conceived considering vehicles with steering wheel on the left side; it is therefore possible that on vehicles with steering wheel on the right side, some controls position or construction 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 anyway a textual indication of the current chapter at the side of each even page.

## WARNINGS AND PRECAUTIONS

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

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

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

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



personal safety;



vehicle safety;



environmental protection.

NOTE These symbols, when necessary, are indicated besides the title or at the end of the line and are followed by a number. This number identifies the relevant warning to which it refers, at the end of the Owner Handbook.

## **SYMBOLS**

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

## **VEHICLE CHANGES/ALTERATIONS**

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

**KNOWING YOUR CAR**



**SAFETY**



**STARTING AND DRIVING**



**IN AN EMERGENCY**



**MAINTENANCE AND CARE**



**TECHNICAL SPECIFICATIONS**



**IMPORTANT INFORMATION AND  
RECOMMENDATIONS**



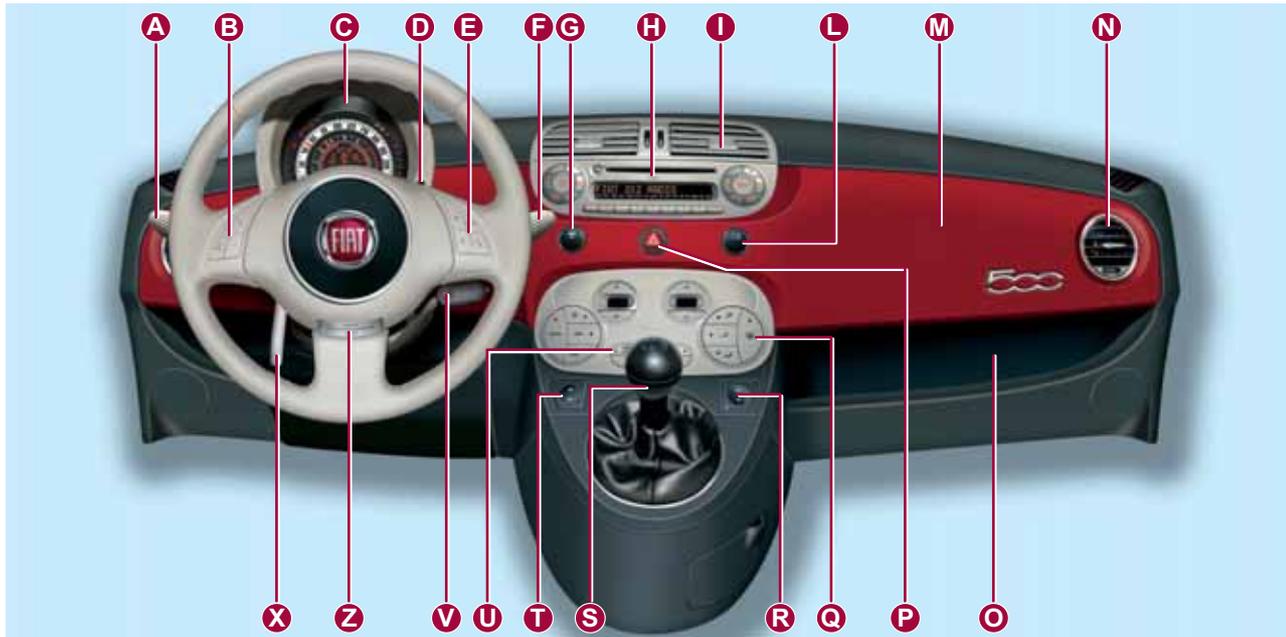
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# KNOWING YOUR CAR

## DASHBOARD



1

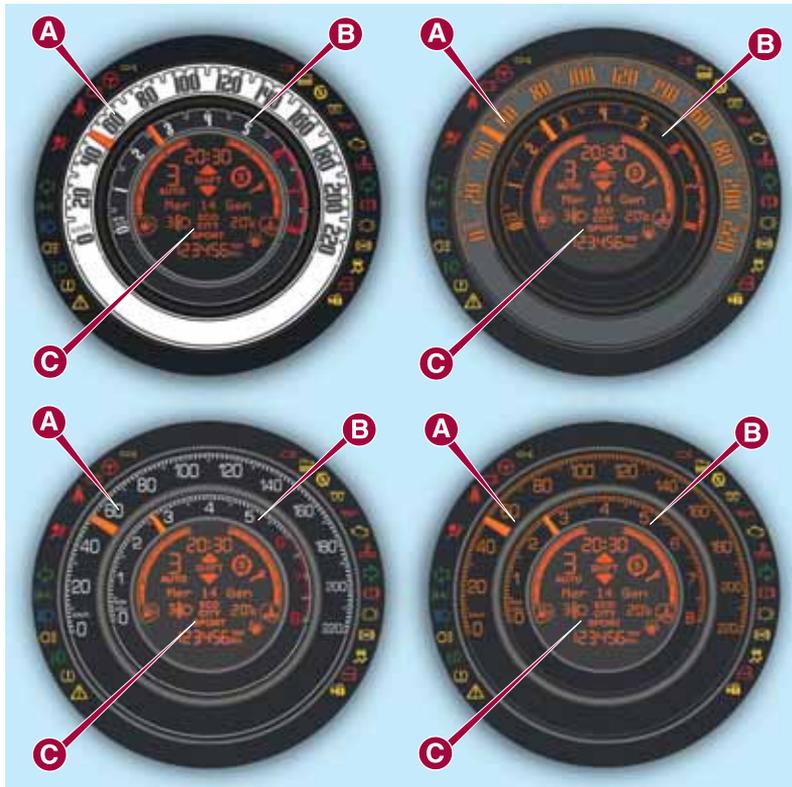
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A light/direction indicator stalk – B Blue&Me™/audio controls – C instrument panel – D headlight alignment corrector  
E Blue&Me™/audio controls – F windscreen washer/wiper + rear window wiper lever – G Dualdrive electric power steering (CITY function) –  
H radio central air vents – L fog lights/rear fog light – M passenger airbag – N side air vents – O storage compartment  
P hazard warning light switch – Q climate controls – R right electric window – S gear lever – T left electric window  
U ASR-OFF button – V ignition switch – Z driver's airbag – X steering wheel adjustment lever



# INSTRUMENT PANEL

## VERSIONS WITH MULTIFUNCTION DISPLAY

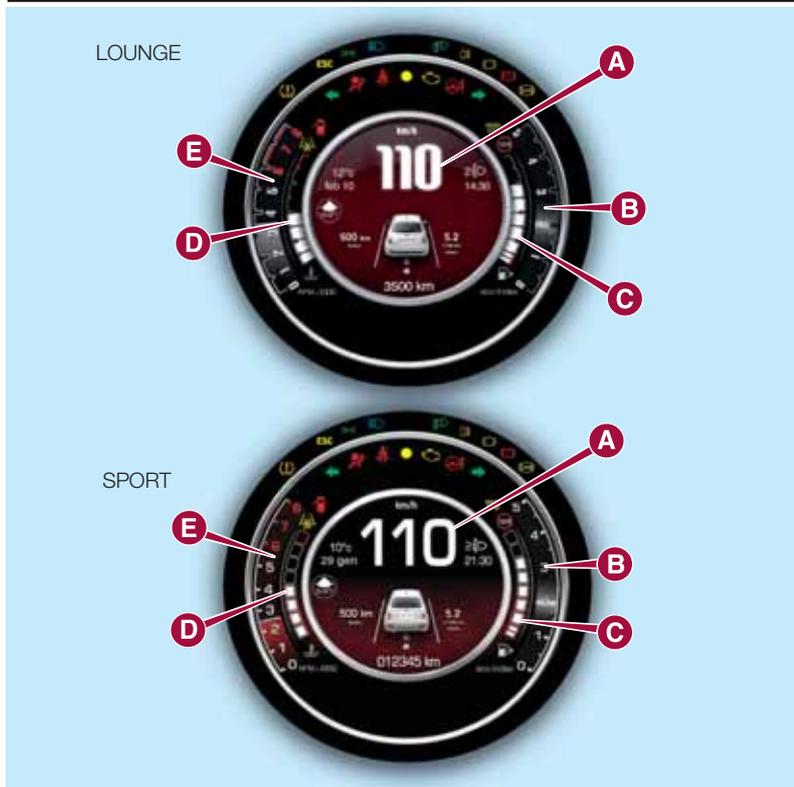


- A speedometer
- B rev counter (Diesel versions have a 6 RPM x 1000 end of scale)
- C display with digital fuel level and engine coolant temperature indicators

Warning lights    are only provided on Diesel versions.

 Warning light supplied on Dualogic versions only.

## VERSIONS WITH COLOUR DISPLAY



- A Digital speedometer gauge (speed indicator)
- B “Eco Index” digital gauge
- C digital fuel level gauge
- D Engine coolant temperature digital gauge
- E revolution counter
-  Warning light present on diesel versions only.



## WARNING LIGHTS AND MESSAGES 30)

	<p><b>INSUFFICIENT BRAKE FLUID – HANDBRAKE ENGAGED</b></p> <p>The warning light switches on when the brake fluid in the reservoir falls below the minimum level, possibly due to a leak in the circuit. On some versions, a dedicated message will be displayed. Stop immediately and contact a Fiat Dealership. This warning light also turns on when the handbrake is engaged.</p>
	<p><b>AIRBAG FAILURE</b></p> <p>The warning light stays on constantly if there is a fault in the airbag system. Contact a Fiat Dealership.</p>
	<p><b>ENGINE COOLANT TEMPERATURE TOO HIGH</b></p> <p>The warning light or symbol lights up when the engine has overheated. Stop the car and the engine, wait for it to cool down and make sure that the level of engine coolant in the reservoir is not below the MIN mark. If it is, restore the level. If the warning light or symbol stays on, contact a Fiat Dealership.</p>
	<p><b>LOW BATTERY CHARGE</b></p> <p>The warning light should switch off as soon as the engine starts. If the warning light or symbol stays on (on some versions together with a message on the display) or flashes, there's a fault in the battery or the recharging system. Contact a Fiat Dealership.</p>
	<p><b>“DUALDRIVE” ELECTRIC POWER STEERING FAILURE (Multifunction display)</b></p> <p>With warning light on (on some versions together with a message on the display) electric power steering is not available. The effort required at the steering wheel will be greater, but it will still be possible to steer. Contact a Fiat Dealership.</p>
	<p><b>“DUALDRIVE” ELECTRIC POWER STEERING FAILURE (Colour display)</b></p> <p>With warning light on (on some versions together with a message on the display) electric power steering is not available. The effort required at the steering wheel will be greater, but it will still be possible to steer. Contact a Fiat Dealership.</p>
	<p><b>DOORS NOT CLOSED CORRECTLY (Multifunction display)</b></p> <p>The warning light switches on when one or more doors or the tailgate are not perfectly closed. An acoustic signal is emitted with the doors open and the car moving. Check that doors and tailgate are closed correctly.</p>



INSUFFICIENT ENGINE OIL PRESSURE: red on constantly  
ENGINE OIL DETERIORATED: flashing red or constantly yellow for versions/markets, where provided.

When the ignition key is turned to MAR-ON, the warning light (for versions/markets, where provided) switches on, but it should switch off as soon as the engine is started.

*Low engine oil pressure*

The warning light or the symbol switches on constantly along with a message on the display (for versions/markets, where provided) when the system detects that engine oil pressure is low.

*Engine oil degraded*

The warning light switches on and a message is displayed (for versions/markets where provided).

The warning light may flash in the following ways, depending on the version:

- for 1 minute every two hours;
- cycles of 3 minutes with intervals with the warning light off for 5 seconds until the oil is changed.

After the first indication, at each engine start up the warning light will continue flashing as described above until the oil is changed. A specific message will appear on the display (for versions/markets, where provided) in addition to the warning light. The switching-on of this warning light should not be considered as a fault; it informs the customer that the oil needs to be changed following normal car use. If the oil is not changed, when reaching a second deterioration threshold, also the warning light  switches on in the instrument panel and the engine operation is limited at 3000 rpm. If the oil is still not changed, when a third deterioration threshold is reached, the engine is limited to 1500 rpm to avoid damage.

Engine oil degradation is accelerated by:

- mainly town use of the car which makes the DPF regeneration process more frequent;
- use of the car for short drives, in which the engine does not have time to reach its regular operating temperature;
- repeated interruption of the regeneration process, signalled by the DPF warning light coming on.

To prevent damage to the engine, it is advisable to replace the engine oil when the red  warning light flashes (or the yellow  warning light switches on constantly, for versions/markets, where provided). In this case, contact a Fiat Dealership.



DOORS NOT CLOSED CORRECTLY (Colour display) (for versions/markets where provided)

These symbols are shown on the colour display when one or more doors, the tailgate or the bonnet (for versions/markets, where provided) are not perfectly closed. An acoustic signal is emitted with doors open and car in motion (on some versions together with a message on the display). Check that doors, tailgate and bonnet are closed correctly.



AUTOMATIC TRANSMISSION FAILURE / TRANSMISSION OIL MAXIMUM TEMPERATURE

(for versions/markets where provided)

The warning light starts to flash (together with a message in the display and an acoustic signal) to indicate that the Dualogic gearbox is faulty. Contact a Fiat Dealership.

	<p><b>SEAT BELTS NOT FASTENED</b></p> <p>The warning light switches on together with a buzzer and on some versions together with a dedicated message to indicate an incorrectly fastened driver's side seat belt. Fasten the belt.</p>
	<p><b>EBD FAILURE (Multifunction display)</b></p> <p>The simultaneous switching on of the warning lights and on some versions together with a dedicated message with the engine on, indicates either a fault in the EBD system or that the system is not available. Drive with extreme caution to the nearest Fiat Dealership.</p>
	<p><b>EBD FAILURE (Colour display)</b></p> <p>The simultaneous switching on of the warning lights and on some versions together with a dedicated message with the engine on, indicates either a fault in the EBD system or that the system is not available. Drive with extreme caution to the nearest Fiat Dealership.</p>
	<p><b>SPEED LIMIT EXCEEDED (Colour display – for versions/markets, where provided)</b></p> <p>When the car exceeds the speed limit set in the setup menu (e.g. 120 km/h), a message and a dedicated symbol are shown on the colour display.</p>
	<p><b>PASSENGER SIDE AIRBAG DEACTIVATED</b></p> <p>The warning light is located on the dashboard in central position and switches on deactivating the front passenger airbag and the side airbag. With front passenger airbag on, when the ignition key is turned to MAR, the warning light switches on constantly for several seconds and then it must switch off.</p>
	<p><b>ABS FAILURE</b></p> <p>The warning light will light up when the system is either not working or not available. Drive carefully to a Fiat Dealership.</p>
	<p><b>ASR SYSTEM DEACTIVATED (Colour display)</b></p> <p>The symbol lights up on the colour display together with a dedicated message when the ASR system is deactivated by pressing the ASR-OFF button on the dashboard. The LED in the button will light up at the same time.</p>
	<p><b>Start&amp;Stop SYSTEM DEACTIVATION (for versions/markets, where provided)</b></p> <p>The warning light or symbol on the display switches on, together with a dedicated message on some versions, when the Start&amp;Stop system is deactivated by pressing the button on the dashboard.</p>



#### Start&Stop SYSTEM ACTIVE (Colour display)

The lit symbol on the colour display (on some versions together with a dedicated message) indicates the activation of the Start&Stop system.



#### INJECTION/EOBD ENGINE MANAGEMENT SYSTEM FAILURE

If the warning light remains on or comes on whilst driving, it means that the injection system is not working properly. Particularly, if the warning light stays on constantly, this indicates a malfunction in the injection/ignition system which could cause high exhaust emissions, a possible loss of performance, poor driveability and high consumption. In these conditions you may continue to drive, without demanding excessive effort from the engine. Contact a Fiat Dealership.

For petrol engines, if the warning light flashes, this indicates potential catalytic converter damage. Contact a Fiat Dealership as soon as possible.



#### DPF (PARTICULATE FILTER) CLEANING IN PROGRESS (Multifunction display)

The warning light switches on constantly, on some versions together with a dedicated message, to notify the driver that the DPF system needs to eliminate captured pollutants (particulate) through the regeneration process. The activation of this warning light does not represent a defect on the car. It is therefore unnecessary to contact a Fiat Dealership.



#### DPF (PARTICULATE FILTER) CLEANING IN PROGRESS (Colour display)

The symbol lights up constantly, on some versions together with a dedicated message, to notify the driver that the DPF system needs to eliminate captured pollutants (particulate) through the regeneration process. The activation of this warning light does not represent a defect on the car. It is therefore unnecessary to contact a Fiat Dealership.



#### FUEL RESERVE

The warning light switches on when about 5 litres of fuel are left in the tank.



#### PLUG PREHEATING (DIESEL versions)

The warning light flashes if there is a fault in the glow plug preheating system. Contact a Fiat Dealership.



#### WATER IN DIESEL FILTER (Multifunction display) (for versions/markets, where provided)

The warning light turns on when there is water in the diesel filter. Contact a Fiat Dealership. If the signal is given right after refuelling with diesel, stop the engine immediately and contact a Fiat Dealership.



	<p><b>WATER IN DIESEL FILTER (Colour display)</b> (for versions/markets, where provided)</p> <p>The symbol on the colour display lights up when there is water in the diesel filter. Contact a Fiat Dealership. If the signal is given right after refuelling with diesel, stop the engine immediately and contact a Fiat Dealership.</p>
	<p><b>CAR PROTECTION SYSTEM FAULT – FIAT CODE</b> (for versions/markets, where provided)</p> <p>If the warning light or signal flashes with engine running, this means that the vehicle is not protected by the engine immobiliser device. If the warning light or symbol stays on constantly with key at MAR-ON, this indicates a possible system failure. Contact a Fiat Dealership.</p>
	<p><b>REAR FOG LIGHTS</b></p> <p>The warning light comes on when the rear fog lights are turned on.</p>
	<p><b>GENERIC FAILURE INDICATION</b> (for versions/markets, where provided)</p> <p>The warning light switches on in the following cases: engine oil pressure sensor fault, fuel cut-off inertia switch tripped, fuel cut-off failure, exterior lights failure, parking sensor failure, Start&amp;Stop system failure.</p>
	<p><b>ESC SYSTEM FAILURE / HILL HOLDER FAILURE (Multifunction display)</b> (for versions/markets, where provided)</p> <p>The warning light will turn on when the ESC/Hill Holder system is faulty. Contact a Fiat Dealership.</p>
	<p><b>ESC SYSTEM FAILURE HILL HOLDER FAILURE (Colour display)</b> (for versions/markets, where provided)</p> <p>The warning light will turn on when the ESC/Hill Holder system is faulty. Contact a Fiat Dealership.</p>
	<p><b>BRAKE PAD WEAR</b></p> <p>The warning light switches on (together with the message on the display) if the front brake pads are worn. Have them replaced as soon as possible.</p>
	<p><b>POSSIBLE ICE ON ROAD</b></p> <p>The symbol is shown on the display (on some versions together with a dedicated message) when the outside temperature is equal to or below 3°C.</p>



#### SERVICE - SCHEDULED SERVICING

The symbol is shown on the display to indicate that the next scheduled servicing of the car is approaching. Contact a Fiat Dealership.



#### FUEL CUT-OFF SYSTEM (Colour display)

The colour display will show the symbol and a dedicated message if the fuel cut-off system intervenes. Carefully check the car for fuel leaks, for instance in the engine compartment, under the car or near the tank area. If everything is in order, the car's fuel supply can be restored by carrying out the procedure described in the FUEL CUT-OFF SYSTEM in this chapter.



#### FUEL CUT-OFF SYSTEM FAILURE (Colour display)

The colour display will show the symbol and a dedicated message if there is a fault in the fuel cut-off system. Contact a Fiat Dealership.



#### EXTERIOR LIGHT FAILURE (Colour display)

On some versions, the display will show a symbol and dedicated message if a fault is detected in one of the following lights: daytime running lights (DRLs) - side lights - direction indicators - rear fog light - number plate lights.

The fault may be caused by a blown bulb, a blown protection fuse or an interruption of the electrical connection. It is advisable to contact a Fiat Dealership.



#### BRAKE LIGHT FAILURE (Colour display)

On some versions the colour display will show the symbol together with a dedicated message if there is a fault in the brake lights.

The fault may be caused by a blown bulb, a blown protection fuse or an interruption of the electrical connection. It is advisable to contact a Fiat Dealership.



#### HILL HOLDER FAULT

On some versions, the display will show the symbol together with a dedicated message if there is a fault in the Hill Holder system.

In this case, contact a Fiat Dealership as soon as possible.



PARKING SENSOR FAILURE (Colour display – for versions/markets, where provided)

The symbol is shown on the colour display together with a dedicated message if there is a fault in the parking sensors. Contact a Fiat Dealership.



iTPMS (for versions/markets where provided)

*Low tyre pressure*

The warning light switches on constantly to indicate that the pressure of one or more tyres is lower than the recommended value or to indicate a slow loss of pressure.

Once the normal operating conditions of the vehicle are restored, carry out the Reset procedure.

WARNING Do not continue driving with one or more tyres flat as vehicle driveability may be compromised. Stop the car, avoiding sharp braking and steering.

*iTPMS failure/iTPMS temporarily deactivated*

The warning light flashes for about 75 seconds and then stays on constantly (together with a message on the display) (see “Operating conditions” paragraph) to indicate that the system is temporarily deactivated or faulty.

The system goes back to normal operation when the operating conditions allow it. If this is not the case, carry out the Reset procedure after restoring the normal operating conditions.

If the malfunction warning persists, contact a Fiat Dealership as soon as possible.



SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS - FOLLOW ME HOME

The warning light comes on when side lights or dipped beam headlights are turned on.



FOG LIGHTS

The warning light comes on when the front fog lights are turned on.



LEFT-HAND DIRECTION INDICATOR

The warning light turns on when the direction indicator control lever is moved downwards or, together with the right indicator, when the hazard warning light button is pressed.



#### RIGHT-HAND DIRECTION INDICATOR

The warning light switches on when the direction indicator control stalk is moved upwards or, together with the left indicator, when the hazard warning light button is pressed.



#### MAIN BEAM HEADLIGHTS

The light comes on when the main beam headlights are turned on.

#### CITY

#### “DUALDRIVE” ELECTRIC POWER STEERING ACTIVATION

The word CITY appears on the display when the “Dualdrive” electric power steering system is activated by pressing the relevant control button on the dashboard.

#### SPORT

#### SPORT FUNCTION ACTIVATION

The word SPORT appears on the display when this function is activated by pressing the relevant control button on the dashboard.

#### ECO

#### ECO FUNCTION ACTIVATION

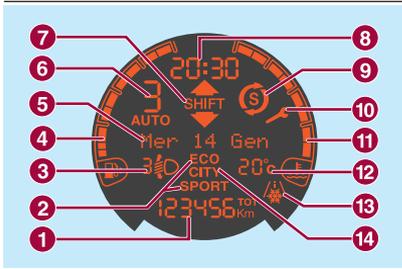
The word ECO appears on the display when this function is activated by pressing the relevant control button on the dashboard.



## DISPLAY



### MULTIFUNCTION DISPLAY



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The standard screen fig. 4 can display the following information:

- 1 Milometer (display of kilometres/miles travelled)
- 2 SPORT driving mode indication / ECO driving mode indication
- 3 Headlight alignment position (only with dipped beam headlights on)
- 4 Digital fuel level gauge
- 5 Date
- 6 Gear engaged indication (Dualogic versions)
- 7 Gear Shift Indicator
- 8 Time
- 9 Start&Stop indications (for versions/markets where provided)
- 10 Car service indicator (service)

- 11 Engine coolant temperature digital gauge
- 12 Outside temperature indicator
- 13 Possible presence of ice on the road indication
- 14 Dualdrive electric power steering system activation

### COLOUR DISPLAY

The standard screen fig. 5 can display the following information:

- 1 Milometer (display of kilometres/miles travelled)
- 2 Digital engine coolant temperature gauge
- 3 Digital rev counter
- 4 Gear Shift Indicator
- 5 Date
- 6 Outside temperature indicator
- 7 Dualdrive electric power steering system activation
- 8 Car speed indication
- 9 Headlight alignment position (only with dipped beam headlights on)
- 10 Time
- 11 eco Index
- 12 Digital fuel level gauge
- 13 Gear engaged indication (Dualogic gearbox versions only)



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### SETUP MENU

The setup menu comprises a series of functions with a circular arrangement.

The menu can be activated by pressing the MENU button fig. 6. briefly.



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Single presses on buttons + or – will scroll through the setup menu options.

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

The menu comprises the following functions:

- LIGHTING
- SPEED BEEP
- HEADLIGHT SENSOR
- TRIP B ACTIVATION/DATA
- SET TIME
- SET DATE
- SEE RADIO
- AUTOCLOSE
- UNITS OF MEASUREMENT
- LANGUAGE
- BUZZER VOLUME
- BUTTON VOLUME
- BELT BEEP
- SERVICE
- AIRBAG/PASSENGER BAG
- DAYTIME RUNNING LIGHTS
- iTPMS RESET
- EXIT MENU

## TRIP COMPUTER

The Trip computer is used to display information on car operation when the key is turned to MAR-ON.

This function includes two separate trips, namely “Trip A” and “Trip B”.

Both functions are resettable (reset - start of a new journey).

“Trip A” allows the following values to be displayed: range, distance travelled, average consumption, instantaneous consumption, average speed, journey time (driving time).

“Trip B” allows the following values to be displayed: range, distance travelled B, average consumption B, average speed B, journey time B (driving time).

## SET TIME (SETTING THE CLOCK)

The time is set through the multifunction display.

- When the MENU  button is pressed, two submenus will be shown on the display: “Time” and “Format”.

- Press the + or – button to move between the two submenus.
- Select the required option and press the MENU  button.
- Having entered the “Time” submenu: when the MENU  button is pressed briefly, the “hours” will flash on the display.
- Press the button + or – to carry out the adjustment.
- Having set the time, briefly press the MENU  button: the “minutes” will flash on the display. Set the minutes using the same procedure as for the hours.
- Having set the time, press and hold down the MENU  button.

## DEACTIVATING FRONT PASSENGER AIRBAG AND SIDE BAG

(for versions/markets, where provided)

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



Proceed as follows:

- ❑ press MENU and, after the message "Bag pass: Off" (to deactivate) or "Bag pass: On" (to activate) is displayed by pressing the + and – buttons, press MENU  again;
- ❑ the confirmation request message will be displayed;
- ❑ press buttons + or – to select (Yes) (confirming activation/deactivation) or (No) (to abort);
- ❑ press MENU  button to confirm setting and go back to the menu screen or hold the button down to go back to the standard screen without saving.

### **SERVICE (SCHEDULED SERVICING)**

This function allows you to display the information about km/mileage intervals or, for versions/markets, where provided, time intervals for vehicle servicing.

To consult the information, proceed as follows:

– briefly press the MENU  button: the display shows when servicing is due in km/mi or days (where provided) according to the previous setting (see the "Units of measurement" paragraph);

– briefly press the MENU button to go back to the menu screen or press the button for a prolonged time to go back to the standard screen.

**WARNING** The "Scheduled Servicing Plan" includes car maintenance at fixed intervals (refer to the "Maintenance and care" chapter).

This is displayed automatically, with ignition key at MAR, 2000 km (or equivalent value in miles) before servicing or, where provided, 30 days before servicing. It is also displayed each time the key is turned to MAR or, for versions/markets, where provided, every 200 km (or equivalent value in miles). Below this threshold servicing indications are more frequent.

The display will be in km or miles according to the unit of measurement set. When the next scheduled servicing is approaching, the word "Service" will appear on the display, followed by the number of kilometres/miles or days (where provided) left, when the key is turned to MAR. Contact a Fiat Dealership, where the operations in the "Scheduled servicing plan" will be performed and the message will be reset.

When the service interval is reached and for about 1000 km/600 mi or 30 days, a service due message is displayed.

### **EADLIGHT ALIGNMENT**

With the ignition key in MAR-ON position and dipped beam headlights on, press the + button to adjust the headlights upwards and the – button to adjust the headlights downwards.

## TYRE RESET (ITPMS RESET)

(for versions/markets, where provided)

With this function it is possible to reset the iTPMS (see the “iTPMS” paragraph). To carry out the Reset procedure proceed as follows:

- briefly press the MENU  button: the display shows the word Reset;
- press the + or – button to select (“Yes” or “No”);
- briefly press the MENU  button: the display shows “Confirm”;

## THE KEYS



### CODE CARD

(for versions/markets, where provided)

The car is delivered with two copies of the ignition key and with the CODE Card fig. 7, which bears the following:

A: the electronic code

B: the mechanical key code to be given to the Fiat Dealership when ordering duplicate keys.

It is advisable to keep the electronic code with you at all times.

**IMPORTANT** If this vehicle changes hands, the new owner must be supplied with all keys and the CODE card.



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## KEY WITHOUT REMOTE CONTROL

The metal insert A-fig. 8 operates:

- the ignition switch;
- the door and tailgate locks (for versions/markets, where provided);
- the locking/unlocking of the fuel cap.

## KEY WITH REMOTE CONTROL

(for versions/markets, where provided)

The metal insert A fig. 9 operates:

- the ignition switch;
- the door locks;
- the locking/unlocking of the fuel cap.



8

DVDF0S0104c

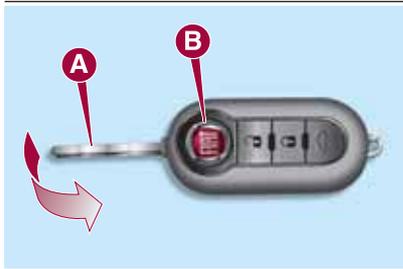


To open/close the metal insert, press the B button

Brief  button press: unlocking of doors and tailgate, timed switching-on of roof lights and double flashing of direction indicators (for versions/markets, where provided).

Brief  button press: remote locking of doors and tailgate, switching-off of roof light and single flashing of direction indicators (for versions/markets, where provided).

 button press: remote unlocking of the tailgate and double flash of the direction indicators.



9

DVDF0S0105c

## THE FIAT CODE SYSTEM



The Fiat Code system is an electrical engine immobiliser system which increases protection against attempted car theft. It is automatically activated when the ignition key is removed.

Each time the vehicle is started turning the ignition key to MAR-ON, the Fiat CODE system control unit sends an acknowledgement code to the engine control unit to deactivate the immobiliser.

If, during ignition, the code is not correctly recognised, the warning light or symbol lights up on the instrument panel .

In this case, turn the key to STOP and then to MAR-ON; if it is still locked, try again with the other keys that come with the vehicle.

Contact a Fiat Dealership if you still cannot start the engine.

NOTE each key has its own code which must be stored by the system's control unit.

Contact the Fiat Dealership to have new keys (up to 8) stored with the code.

## 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. audio system, central door locking system, etc.) can operate;
- MAR-ON: driving position. All electrical devices can operate;
- AVV: engine starting.

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



10

DVDF0S011c

## STEERING LOCK 1)

**Engagement:** when the key is in position STOP, remove the key and turn the steering wheel until it is locked.

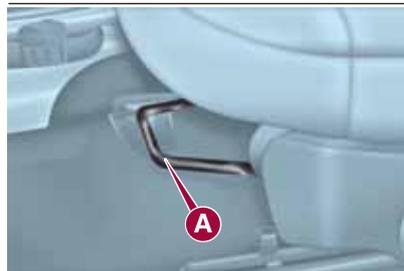
**Disengagement:** move the steering wheel slightly as you turn the ignition key to MAR-ON.

## SEATS 2) 3)



### FRONT SEATS

**Longitudinal adjustment:** raise the lever A - fig. 11 and push the seat forwards or backwards as wished.



11

DVDF0S012c

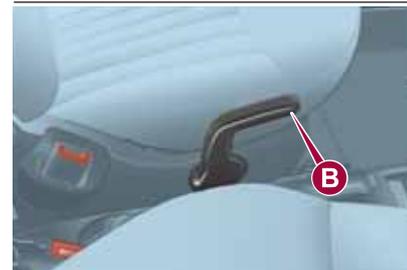
**Backrest angle adjustment:** turn knob C - fig. 12.



12

DVDF0S014c

**Height adjustment:** use lever B - fig. 13 to raise or lower the rear part of the cushion to achieve a better, more comfortable driving position.



13

DVDF0S013c

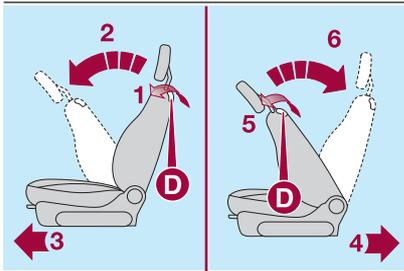
**Backrest tilting:** to tilt the backrest use lever D - fig. 14 (movement 1) and push the backrest forward until it locks (movement 2); release lever D and, pushing on the backrest, slide the seat forwards (movement 3).



**Driver side and passenger side, with position memory:**

to bring the seat back to the initial position, slide the seat backwards, pushing the backrest until the seat locks (movement 4), use lever D - fig. 14 (movement 5) and raise the backrest (movement 6) until it clicks into position.

**Passenger side without position memory:** to bring the seat back to the initial position, slide the seat backwards, pushing the backrest to the desired position (movement 4), use lever D - fig. 14 (movement 5) and raise the backrest (movement 6) until it clicks into position.



14

DVDF0S015c

**HEAD RESTRAINTS**



**ADJUSTMENTS**

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

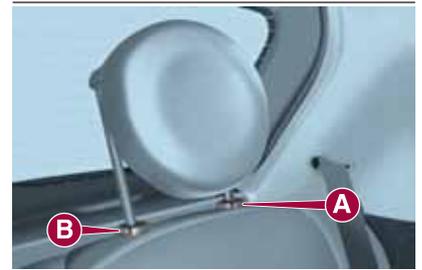
**Downwards adjustment:** press button A fig. 15 and A fig. 16 and lower the head restraint.

**WARNING** When the rear seats are in use, the head restraints must always be in the position of use.



15

DVDF0S015c



16

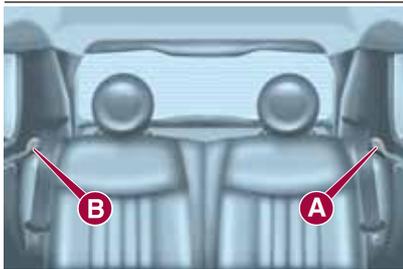
DVDF0S015c

## REAR HEAD RESTRAINTS (removal)

(for versions/markets, where provided)

Per rimuovere gli appoggiatesta procedere come segue:

- Raise lever A or B fig. 17 (both for one-piece seat), unlock the backrest and tilt it toward the passenger compartment;
- raise the head restraints to their maximum height;
- press buttons A and B fig. 16 at the side of the two supports, then remove the head restraints by pulling them upwards.



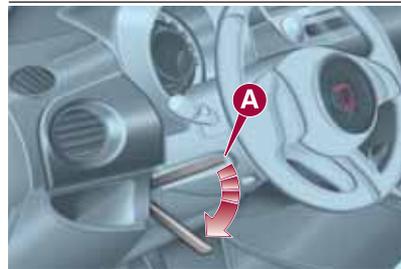
17

DVDF0S145c

## STEERING WHEEL 1) 2)

The steering wheel angle adjustment lever A - fig. 18 is located on the steering column under the direction indicator lever.

- Bring the lever downwards to unlock the steering column.
- Adjust the steering column to the most suitable position.
- Bring the lever upwards to lock it in this position.



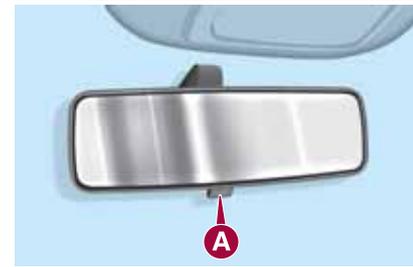
18

DVDF0S016c

## REAR VIEW MIRRORS 5)

### INTERNAL MIRROR

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. 19 can be used to move the mirror to two different positions: normal or antiglare.



19

DVDF0S0106c



## INTERNAL ELECTROCHROMIC MIRROR

(for versions/markets where provided)

Some versions have an electrochromic mirror with automatic anti-glare function.

There is an ON/OFF button on the lower part of the mirror for activating/deactivating the electrochromic function. When the function is active, a LED on the mirror is active. When reverse gear is engaged, the mirror is automatically set for daytime use.

## DOOR MIRRORS

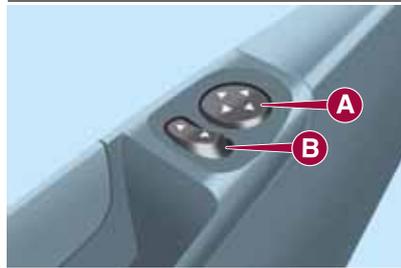
### With manual adjustment

The door mirror can be adjusted from outside by exerting a slight pressure on the four sides of the glass.

### With electrical adjustment

Proceed as follows:

- select the mirror using selector B-fig. 20;
- adjust the mirror using joystick A in the four directions.



20

DVDF0S0107c

### Mirror folding 4)

When required (for example when the mirror causes difficulty in narrow spaces), it is possible to fold the mirror by moving it from position 1 fig. 21 (open), to position 2 (closed).



21

DVDF0S0108c

## MANUAL CLIMATE CONTROL



Press the knob A - fig. 22 to turn the climate control system on and off.

NOTE Optimal cooling/heating of the passenger compartment may not be guaranteed together with Start&Stop. To prioritise the operation of the climate control system, deactivate the Start&Stop function.

### AIR RECIRCULATION

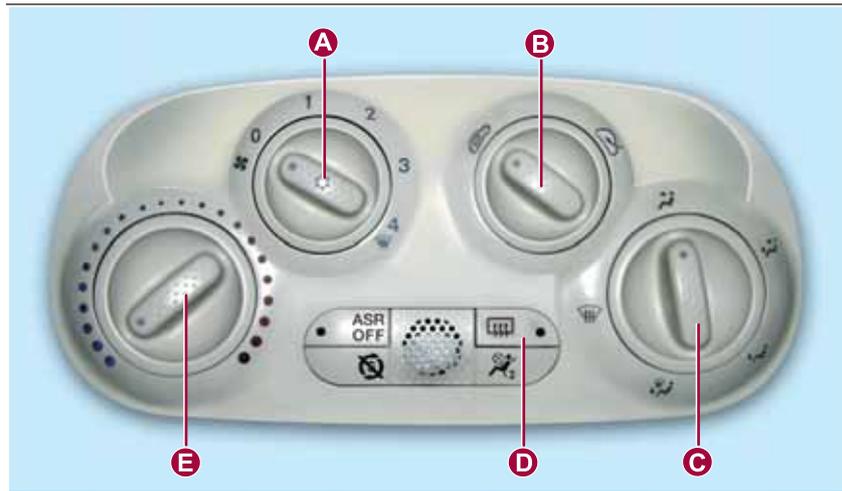
(knob B - fig. 22)

Inside air recirculation

Air intake from outside

Use air recirculation for maximum climate control performance.

To demist the windows, set the recirculation control to



22

DVDF0S0146c

- A fan knob and climate control system compressor button
- B recirculation control / air intake from outside knob
- C air distribution knob
- D heated rear window button
- E temperature adjustment knob



## CLIMATE CONTROL SYSTEM AUTOMATIC

(for versions/markets where provided)



### AUTOMATIC OPERATION

Press the AUTO button I - fig. 23.

Select the desired temperature by pressing the temperature control buttons B.

The system automatically maintains the set temperature.

NOTE The climate control system manages the Start&Stop function to guarantee a suitably comfortable climate in the passenger compartment by deactivating this function when necessary.

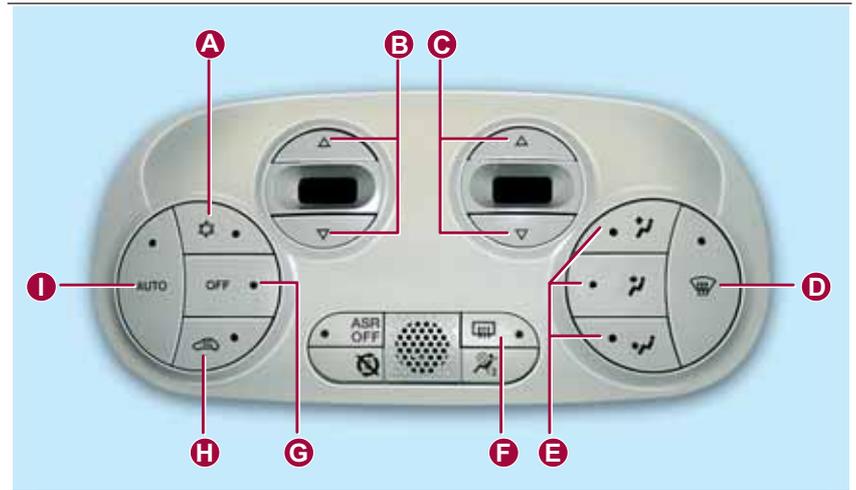
### AIR RECIRCULATION

(button H - fig. 23)

Use air recirculation for maximum climate control performance.

- LED on button  
on = recirculation on
- LED on button  
off = recirculation off.

To demist the windows, deactivate the function.



23

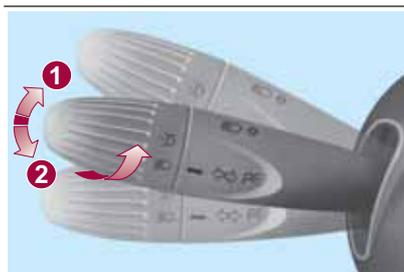
DVDF0S0147c

- A climate control system compressor
- B driver side temperature adjustment
- C passenger side temperature adjustment
- D windscreen air distribution
- E passenger compartment air distribution
- F heated rear window
- G deactivation
- H air recirculation
- I automatic operation

## EXTERIOR LIGHTS



fig. 24  6)



24

DVDF0S008c

### DAYTIME RUNNING LIGHTS

- With key in MAR-ON position and ring nut turned to position O, the daytime running lights switch on automatically.

### DIPPED BEAM HEADLIGHTS AND SIDE LIGHTS

- With key in MAR-ON position, turn the ring nut to . The warning light  in the instrument panel comes on. When the dipped beam headlights are on, the daytime running lights switch off.

## MAIN BEAM HEADLIGHTS

- With ring nut in position , push the stalk forward toward the dashboard. The warning light  on the instrument panel will come on.
- They switch off when the lever is pulled towards the steering wheel.

### Flashing

- You can flash the beams pulling the stalk toward the steering wheel (unstable position).

## DIRECTION INDICATORS

Bring the stalk into (stable) position:

- up  1: activates right direction indicator;
- down  2: activates left direction indicator.

## LANE CHANGE FUNCTION

- Move the lever upwards or downwards (unstable position) for less than half a second and the direction indicator will flash 3 times to signal a lane change, then immediately switch off automatically.

## FOLLOW ME HOME

This function allows the space surrounding the car to be lit up for the set period of time.

- With the ignition key in the STOP position or extracted, pull the stalk towards the steering wheel and move it within 2 minutes of the engine switching off.
- Each time the stalk is operated, the lights stay on for an extra 30 seconds up to a maximum of 210 seconds.



## WINDOW CLEANING



### WINDSCREEN

#### WIPERS - fig. 25 39) 3)

The stalk has five different positions (4 speeds):

- A – windscreen wiper off
- B – intermittent operation
- C – continuous slow operation
- D – continuous fast operation
- E – temporary fast operation (unstable position).



25

DVDF0S009c

### “Smart washing” function

Pull the stalk towards the steering wheel (unstable position) to operate the windscreen washer. Keep the lever pulled to activate both the windscreen washer jet and the windscreen wiper with a single movement; the latter turns on automatically if you keep the lever pulled for more than half a second.

The operation of the windscreen wiper terminates several strokes after the lever is released; a final cleaning stroke several seconds later completes the wiping operation.

### REAR WINDOW WIPER

fig. 25  39)  3)

- With ignition key turned to MAR-ON, turn the ring nut to position  to activate the rear window wiper.

### “Smart washing” function

- Push the lever towards the dashboard and hold it in position to activate the rear window washer jet.

## ROOF 9) 4)

### FIXED GLASS ROOF

(for versions/markets where provided)

The wide glass roof comprises a transparent panel with manually operated sun blind. The blind can be used in the “completely closed” or “completely open” positions (there are no fixed intermediate positions).

- To open the blind: grip the handle and press the catch A - fig. 26, then release the blind and bring it to the “completely open” position. To close it, reverse the process.



26

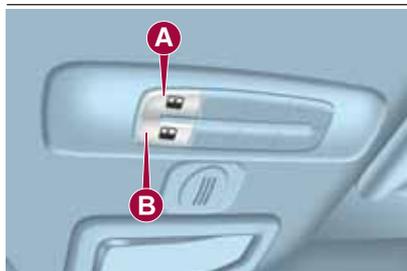
DVDF0S017c

## SUN ROOF

To move the sun blind, follow the instructions in "fixed glass roof"

### Opening the roof

- ❑ Keep the button A - fig. 27 pressed: the roof will move to "spoiler" position.  
To completely open the roof press button A again and hold it down: the roof will stop in the position reached when the button is released.



27

DVDF0S018c

### Closing the roof

- ❑ Keep the button B - fig. 27 pressed: the roof will move to "spoiler" position.  
The roof will stop in the position reached when the button is released. Press button B again and hold it down until the roof is completely closed.

### Anti-pinch device

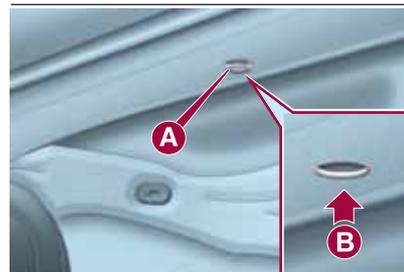
- ❑ The sun roof has an anti-pinch safety system capable of detecting the presence of an obstacle whilst the roof is closing. When this happens, the system intervenes and the movement of the roof is immediately reversed.

### Initialisation procedure

After the battery has been disconnected or a fuse has blown, the operation of the sun roof must be initialised again.

Proceed as follows:

- ❑ keep button A fig. 27 pressed so that the roof closes completely in stages
- ❑ after full closing, wait for the sun roof motor to stop.



28

DVDF0S019c

- ❑ take the Allen key provided from the tool box in the luggage compartment;
- ❑ fit the Allen key in position B and turn it:
  - clockwise to open the sun roof;
  - anticlockwise to close the sun roof.

### Emergency manoeuvre

If the control button fails to operate, the sun roof can be moved manually proceeding as described below:

- ❑ remove the protective cap A - fig. 28 located on the inner lining at the rear of the sun blind;



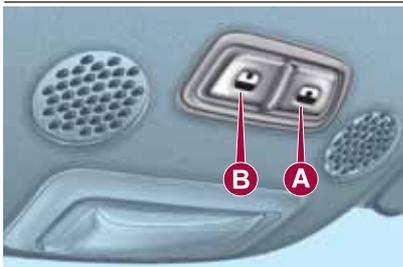
**SOFT TOP**  9), 10)  4)

- The soft top can be opened/closed through buttons A or B - fig. 29, located near the roof light.

It is advisable to close the soft top when the car is parked.

The closed soft top effectively protects the car from damage caused by bad weather and also from theft.

**IMPORTANT:** the motor may overheat if the soft top is repeatedly operated within a short space of time, thus causing the overheating protection to inhibit system operation. Wait for a minute and repeat.



29

DVDF0S020c

**Opening from initial position:  
soft top completely closed**

- Pressing the “one-touch” button A - fig. 29 once the soft top opens automatically to the horizontal opening position (spoiler position - see fig. 30).
- If one of the two buttons is pressed before reaching the stop position, the soft top may stop in an intermediate horizontal opening position.



30

DVDF0S021c

**Opening from initial position:  
soft top in intermediate  
horizontal position**

- From the horizontal intermediate position press the “one-touch” button A - fig. 29 once to move the top automatically to the horizontal completely open position (spoiler position - see fig. 30).

**Soft top opening from spoiler  
position to completely open  
position**

- From the spoiler position press the “one-touch” button A - fig. 29 once to bring the soft top automatically to completely open position (vertical opening - see fig. 31).
- If one of the two buttons is pressed before reaching the final position, the soft top will stop and movement will be reversed to the initial position (spoiler position).



31

DVDF0S022c

### Closing from soft top completely open condition

- Press the “one-touch” button B - fig. 29 once to automatically close the soft top to spoiler position (vertical closing). If one of the two buttons is pressed before reaching the spoiler position, the soft top will stop and movement will be reversed to the initial position (completely open position).

### Initial position: from spoiler position to soft top completely closed position

- Press the button “one-touch” button B - fig. 29 in spoiler position to bring the soft top automatically to safety position (approximately 25 cm from completely closed position).

If one of the two buttons is pressed before reaching the stop position, the soft top may stop in an intermediate horizontal opening position.

NOTE: the soft top does not automatically close completely. Hold down button B to completely close the soft top. If the button is released before completely closed position is reached, the soft top will stop instantly.

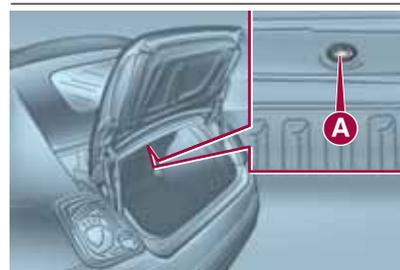
### Initial position: from intermediate position to soft top completely closed position

- From horizontal intermediate position press the “one-touch” closing button B - fig. 29 to take the soft top automatically to safety position (approximately 25 cm from all horizontal completely closed position).
- Keep the button B pressed to close the soft top completely.
- The soft top will stop immediately if the button is released before reaching the completely closed position.

### Emergency manoeuvre

If the control buttons fail to operate, the soft top can be moved manually, proceeding as follows:

- take the key provided and located in the luggage compartment in combination with the tool box or the Fix&Go kit.
- fit the wrench in the special housing A - fig. 32 inside the luggage compartment, under the parcel shelf;
- turn in clockwise direction to open the soft top and counter-clockwise to close it.



29

DVDF0S023c



## Initialisation procedure

After the battery has been disconnected or the protective fuse has blown, the operation of the soft top must be initialised again.

Proceed as follows:

- Before carrying out any operation, make sure the engine is on during the whole initialisation procedure;
- press opening button A - fig. 29 until the soft top is completely open;
- when the soft top is completely open, keep the button pressed for at least 2 seconds;
- press closing button B - fig. 29 until the soft top is completely closed;
- when the soft top is completely closed, keep button B - fig. 29 pressed for at least 2 seconds;

When the procedure is terminated, the soft top will automatically carry out a cycle of complete opening and closing (up to 25 cm from the completely closed position) to inform the driver that correct operation has been restored.

## Warnings

- the horizontal and vertical parts of the soft top can be operated at any speed lower than 100 and 80 km/h respectively.
- The soft top can be operated at any temperature in the range between  $-18$  and  $+80$  °C.
- It is recommended to have the engine always running when opening or closing the soft top.
- If required, remove the battery with open or closed soft top, but NOT when the soft top is moving.
- Do not fix luggage transport devices to the top and do not travel with objects resting on the open top.
- The activation of the heated rear window, upon request by the user, is made only if the soft top is fully closed. If the soft top is closed incorrectly, the heated rear window does not operate and the relevant warning light does not come on.

- When the soft top is opened by the relevant control, if the heated rear window had been engaged it is automatically released and the warning light switches off
- Do not remove ice from the soft top with any sharp item.
- Do not use scrapers or sprays to remove ice from the heated rear window to prevent damage.
- Do not put objects on the top: they could fall if the top is operated causing damage and injury.
- It is advisable to cover the soft top with a protective sheet if the car is left parked in the open for a long time.
- Do not keep the soft top open for a long time: this could cause folds and creases in the fabric.
- Before moving the soft top, check that there is enough room to carry out the operation and that there are no obstacles or people near the moving parts of the top.
- The cooled air flow rate into the passenger compartment may decrease if the automatic climate control system is on and the soft top is not completely closed.

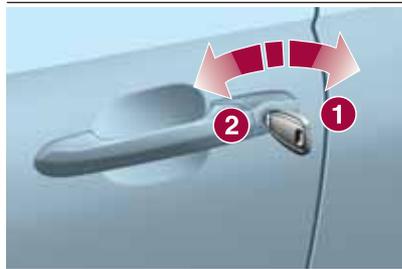
- With the soft top open and the car travelling, the voice recognition system may not recognise voice commands because of the background noise: with the soft top closed and at a high speed, the voice function for number dialling may not be recognised.

## DOORS 11)



### To open manually from outside (driver side door)

From outside, insert the key, turn it in direction 1 - fig. 33 and pull the handle. If the car has central locking, turning the key opens all the locks.

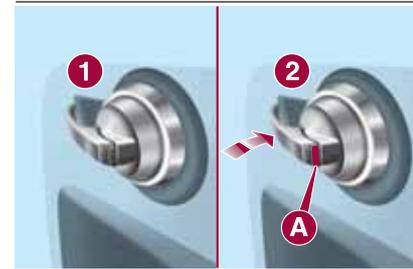


33

DVD F0S0109c

### To open manually from outside (passenger side door)

Pull the handle. Opening the door is permitted only if the internal handle is in position 1 - fig. 34.



34

DVD F0S0110c

### Manual locking from outside

With the driver side door wing closed, insert the key and turn in direction 2 - fig. 33.

If the car has central locking, turning the key simultaneously closes all the locks.

The passenger side door can only be locked from inside, by bringing the handle to position 2 fig. 34 (red area A visible).



### Lock/release from inside

Operate the handles on the door panels fig. 34:

- position 1: door unlocked.
- position 2: door locked.

If the car features central locking, operating the driver or passenger side handle lock/unlocks all the doors.

### With remote control

Press the  button: door locking.

Press the  button: door unlocking.

## ELECTRIC WINDOWS 9)

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

The electric window control buttons fig. 35 are located beside the gear lever.

A to open/close the left front window.  
B to open/close the right front window.

If the button is held down for several seconds, the window raises or lowers automatically (only with key in MAR-ON position).



35

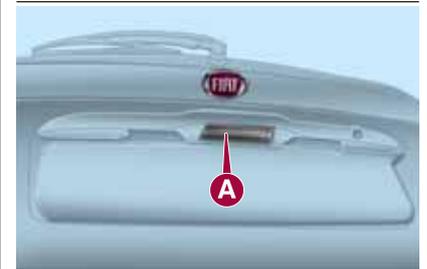
DVDF0S0148c

## LUGGAGE COMPARTMENT 10)



### SOFT TOUCH ELECTRIC HANDLE

- Operate the electric handle A - fig. 36 to open the tailgate.
- To release the lock manually, use the metal insert of the ignition key.
- To release the lock with the remote control, press button .
- To close, use the handle located inside the tailgate.
- If the tailgate is not shut properly the dedicated instrument panel or colour display warning light (where provided) will switch on.



36

DVDF0S025c

## Opening the tailgate with soft top completely open

- ❑ Pressing the tailgate opening “one-touch” button A - fig. 36 to automatically close the soft top to spoiler position. The tailgate can be opened in spoiler position.

## Tailgate emergency opening

To open the tailgate from the passenger compartment if the car battery is run down or the electric tailgate lock is faulty, proceed as follows:

- ❑ remove the rear headrests;
- ❑ fold the seat backrests over;
- ❑ press lever A - fig. 37 inside the luggage compartment.



37

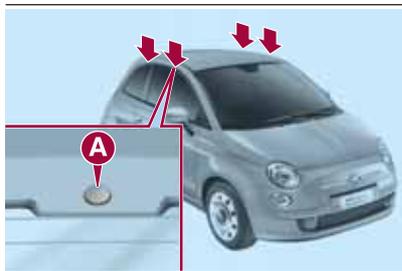
DVDF0S026C

## ROOF RACK/SKI 13)



### RACK FASTENERS

The fasteners are located in the areas indicated in fig. 38.



38

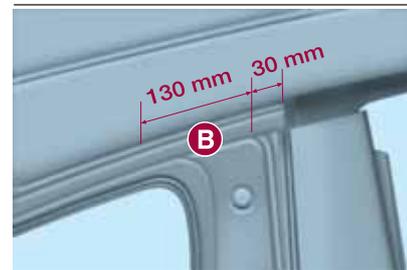
DVDF0S149C

To use the front fasteners, remove the cap A fig. 38, accessible with the door open.

The rear fixing areas B can be found according to measurements shown in fig.39.

Lineaccessori Mopar® provides a specific roof rack/ski rack for the tailgate.

**WARNING** Follow the instructions contained in the assembly kit carefully. Assembly must be performed by qualified personnel.



39

DVDF0S150C

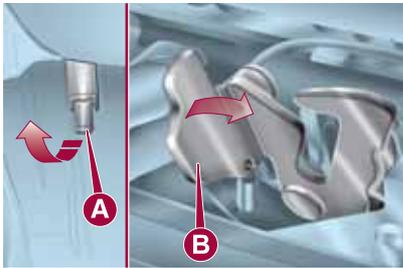


## BONNET 15)



To open the bonnet:

- Pull lever A - fig. 40 in front of the driver's door.

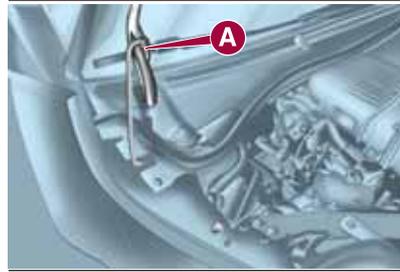


40

DVDF0S027c

- move the release lever B in the direction indicated by the arrow, and raise the bonnet; locate the safety rod.

- Insert the safety rod in the seat A - fig. 41 integral to the bonnet.



41

DVDF0S028c

- To close the bonnet, remove the bonnet stay and put it back in its own locking device, slowly lower the bonnet to about 20 cm from the engine compartment, then let it drop into position and check that it is completely closed. If not, repeat the procedure.

## CONTROLS 16)



### DUALDRIVE ELECTRIC POWER STEERING

(for versions/markets, where provided)

- With the key in MAR position, press the Dualdrive button A - fig. 42 to activate the CITY function.

The word CITY will come on in the instrument panel.

- With the CITY function on, wheel effort is lighter, easing parking manoeuvres.
- Press the button again to turn the function off.



42

DVDF0S161c

## ECO FUNCTION

(for versions/markets, where provided)

- ❑ With the ignition key at MAR, press the ECO B button – fig.42 to activate the function. The word ECO on the display will light up or, according to the version, a dedicated screen will be displayed.
- ❑ When the function is activated, the car is set for city driving, characterised by less effort on the steering wheel (Dualdrive system on) and reduced fuel consumption.
- ❑ Press the button again to deactivate the function.

This function is stored and, when the vehicle is next started, the system maintains the setting it had when the engine was last stopped.

## SPORT FUNCTION

(for versions/markets, where provided)

- ❑ With the ignition key at MAR, press the SPORT C button – fig. 42 to activate the function. The word SPORT on the display will light up or, according to the version, a dedicated screen will be displayed.

- ❑ When the function is on, a sporty driving setting is activated, characterised by higher acceleration response and more effort required at the steering wheel for a sporty driving sensation.
- ❑ Press the button again to deactivate the function.

**WARNING** When the function is active, during acceleration the steering may shudder, which is typical of a sporty setting.

## HAZARD WARNING LIGHTS

Press the button fig. 43 to switch the lights on/off. When the hazard warning lights are on, the  and  warning lights flash.

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

## Emergency braking

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

## FRONT FOG LIGHTS/REAR FOG LIGHTS

(for versions/markets, where provided)

With the dipped beam headlights on, to turn on the front/rear fog lights, use the button A fig. 44 as follows:

- ❑ first press: fog lights on, the  warning light on the instrument panel will come on;



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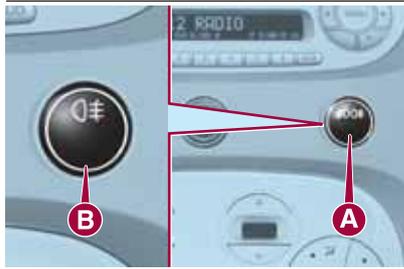
- second press: rear fog lights on, the  warning light on the instrument panel will come on;
- third press: front/rear fog lights off.

### REAR FOG LIGHTS

(for versions/markets, where provided)

With the dipped beam headlights on, turn on the rear fog lights pressing the button B fig. 44. The  warning light on the instrument panel will come on.

Press the button again to switch the lights off.



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## ABS 14)



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

### SYSTEM INTERVENTION

The driver can feel that the ABS system has come into action because the brake pedal pulsates slightly and the system gets noisier: this is entirely normal with the system operating.

## ESC (Electronic Stability Control) SYSTEM 14)



This is an electronic system that controls car stability in the event of tyre grip loss, helping maintain directional control.

The system is capable of recognising potentially dangerous situations in terms of the stability and intervenes automatically on the brakes in a differentiated manner for the four wheels in order to provide a stabilising torque.

The ESC system also includes the following subsystems:

- HH (Hill Holder): it activates automatically when starting with car stationary, on a road with a gradient higher than 5%.
- ASR (AntiSpin Regulation): it automatically operates in the event of one or both drive wheels slipping, loss of grip on wet roads (aquaplaning) and acceleration on slippery, snowy or icy roads, etc.

The ASR comes on automatically whenever the engine is started. When driving it is possible to deactivate and then reactivate the ASR system by pressing the button A fig. 45: the system activation is signalled by the LED on the same button switching on and, on some versions, by a message on the display.

- HBA (Hydraulic Brake Assist): it operates automatically and improves the vehicle's braking capacity during emergency braking.



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## SYSTEM INTERVENTION

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

## SYSTEM ACTIVATION

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

## iTPMS (indirect Tyre Pressure Monitoring System)

(for versions/markets, where provided)



## 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:

- whenever the 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 car stopped and the ignition key at MAR, use the setup menu (see the description in paragraph "Multifunction display" in this chapter). At the end of the Reset procedure 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. car loaded asymmetrically on one side, towing a trailer, damaged or worn tyre, fitting the space-saver wheel, use of the "Fix&Go" automatic quick tyre repair kit, fitting snow chains, fitting different tyres for each axle) the system may give false indications or be temporarily deactivated.

If the system is temporarily deactivated,  warning light flashes for about 75 seconds and then is continuously on; at the same time, the display shows a dedicated message.

This indication is displayed also after the engine has been switched off and then on again if the correct operating conditions are not restored.

## FUEL CUT-OFF SYSTEM 7)

This system triggers after a collision and activates the following:

- the fuel supply cut-off with the engine consequently switching off
- the automatic unlocking of the doors
- switching on of all interior lights.

The intervention of the system is indicated by a message shown on the display.

**IMPORTANT** Carefully check the car for fuel leaks, for instance in the engine compartment, under the car or near the tank area.

After a collision, turn the ignition key to STOP position to prevent the battery from running down.

To restore the correct operation of the car, proceed as follows:

- turn the ignition key to MAR-ON;
- 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
- turn the ignition key to the MAR-ON position.

## PARKING SENSORS

(for versions/markets, where provided)



Located in the rear bumper fig. 46 these detect and inform the driver, through an intermittent acoustic signal, of the presence of obstacles at the rear of the car.

As the distance from the obstacle behind the car decreases, the acoustic alarm becomes more frequent.

The acoustic signal becomes continuous when the distance separating the car from the obstacle is less than about 30 cm.



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## Versions with colour display

When the sensors are activated, the screen in fig. 47 appears on the display.

Obstacle presence and distance information is therefore provided both by the acoustic signal and the instrument panel display.

The system indicates a detected obstacle by displaying an arc in one or more positions according to the distance of the obstacle and its position in relation to the car. If an obstacle is detected in the rear central area, the display shows all the arcs in the rear central area, up to the one that corresponds to the position of the obstacle itself.



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The signal is similar for obstacles in the rear left or right area. The arc that corresponds to the position of the obstacle will flash.

The colour on the display depends on the distance from and position of the obstacle.

The car is close to the obstacle when the display shows a single constant arc and emits a continuous sound. If there are several obstacles, the closest approaching one is indicated.

### Fault indications

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

### Operation with a trailer

Sensor operation is automatically deactivated when the trailer's electrical cable plug is inserted.

## START&STOP SYSTEM 18)



The Start&Stop device automatically stops the engine each time the vehicle is stationary and starts it again when the driver wants to move off.

In this way, the efficiency of the car is increased, by reducing consumption, emissions of harmful gases and noise pollution.

The system is active every time the engine is started.

## OPERATING MODES

### Engine stopping mode

- With manual gearbox:** with the vehicle stationary, the engine stops with the gearbox in neutral and the clutch pedal released.
- With Dualogic gearbox:** the engine stops if the vehicle is at a standstill and the brake pedal is pressed. This condition can be maintained even if the brake pedal is not depressed, if the gear lever is in position N.

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

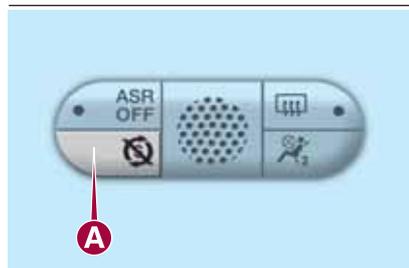
- The warning light  on the instrument panel indicates that the engine has stopped, on some versions this indication is given by the display.

### Engine restarting mode

- With manual gearbox:** the information is given by pressing the clutch pedal.
- With Dualogic gearbox:** if the gear lever is in position N, place it in any other gear, otherwise release the brake pedal or move the gear lever to +, - or R.

## MANUAL ACTIVATION AND DEACTIVATION

- ❑ The Start&Stop system can be activated/deactivated using the button A - fig. 48 on the dashboard. When the system is deactivated, the warning light or  symbol switches on.
- ❑ On some versions the information is given by the display.



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## CAR RADIO 43) 7)

(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.

#### Care and maintenance

Only clean the cover with a soft, anti-static cloth. Cleaning and polishing products may damage the surface.

## ANTI-THEFT PROTECTION

The radio is equipped with an anti-theft protection system based on the exchange of information between the radio and the electronic control unit (Body Computer) present on the car.

This system guarantees maximum safety and prevents the secret code from being entered each time the radio power supply is disconnected.

If the check has a positive outcome, the radio will start to function, whereas if the comparison codes are not the same or if the electronic control unit (Body Computer) is replaced, the device will ask the user to enter the secret code according to the procedure described in the paragraph below.



## Entering the secret code

When the radio is switched on, if the 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 corresponding button of the preset stations (from 1 to 6). Enter the other code digits in the same way.

If the four digits are not entered within 20 seconds, the display will show "Enter code - - - -". This event is not considered as incorrect entering of the code.

After entering the fourth digit (within 20 seconds), the 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, 1 h, 2 h, 4 h, 8 h, 16 h, 24 h) up to a maximum of 24 hours. The waiting time will be shown on the display with the text "Radio blocked/wait". After the message disappears, the code entering procedure may be started again.

## Vehicle 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 car radio passport in a safe place so that you can give the information to the relevant authorities if the radio is stolen.

In the case of loss of the car radio passport, contact the Fiat Dealership, taking an ID document and the car ownership documents.



The controls for correctly using the radio are listed here below.

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Button	General functions	Mode
ⓘ	Activation	Short press
	Deactivation	Short press
<b>FMAs</b>	Autostore FM1, FM2, FM radio source selection	Short cyclical press
<b>AM</b>	Selection of radio source MW1, MW2	Short cyclical press
<b>CD</b>	Radio/CD/AUX source selection (only with <b>Blue&amp;Me™</b> )	Short cyclical press
<b>⏸</b>	Volume activation/deactivation (Mute/Pause)	Short press
<b>AUD</b>	Audio adjustments: low tones (BASS), high tones (TREBLE), left/right balance (BALANCE), front/rear balance (FADER)	Menu activation: short button press Adjustment type selection: button ▲ or ▼ press Adjustment of values: buttons ◀ or ▶
<b>MENU</b>	pressAdvanced functions adjustment	Menu activation: short button press Adjustment type selection: button ▲ or ▼ press Adjustment of values: buttons ◀ or ▶
<b>+/-</b>	Volume adjustment	+ button press: volume increase - button press: volume decrease



Button	Radio functions	Mode
	Radio station search: – Automatic search – Manual search	Automatic search: press of buttons ◀ or ▶ (hold down for fast forward)  Manual search: press of 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 press on buttons for memory preset from 1 to 6 respectively

Button	CD functions	Mode
	CD ejection	Short press
	Play track previous/next	Short press of buttons ◀ or ▶
	Forward/Rewind CD track fast	Long press of buttons ◀ or ▶
	Play folder previous/next (for CD-MP3)	Short press of buttons ▲ or ▼

## INTRODUCTION

The radio offers the following functions:

### Radio section

- PLL tuning with frequency bands FM/AM/MW;
- RDS (Radio Data System) with TA (traffic information) - TP (traffic programs) - EON (Enhanced Other Network) - REG (regional programs) functions;
- AF: alternative frequency search selection in RDS mode;
- provision for emergency alarm;
- automatic/manual station tuning;
- FM Multipath detector;
- manual storing of 30 stations: 18 on FM band (6 on FM1, 6 on FM2, 6 on FMT), 12 on MW band (6 on MW1, 6 on MW2);
- automatic storage (AUTOSTORE function) of 6 stations in the dedicated FM band;
- SPEED VOLUME function: automatic volume adjustment based on vehicle speed;
- automatic Stereo/Mono selection.

### CD section

- Direct selection of the disc;
- Track selection (forward/backward);
- Fast track search (forward/backward);
- CD Display function: display of disc name and time elapsed since the start of the track;
- Playing audio CDs, CD-Rs and CD-RWs.

### MP3 CD section

- MP3-Info function (ID3-TAG);
- Folder selection (previous/next);
- Track selection (forward/backward);
- Fast track search (forward/backward);
- MP3 Display function: folder name display, ID3-TAG information, (time elapsed since the start of the track, file name);
- Audio or data CDs, CD-R and CD-RW playback.

### Audio section

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

### AUX section

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





50 - Steering wheel controls

DVDF0S086c

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

Button	Brief press (less than 1 second)	Long press (more than 1 second)
/MAIN	<ul style="list-style-type: none"> <li>- Activation of <b>Blue&amp;Me™</b> Main Menu</li> <li>- Confirmation of menu option selected</li> <li>- Acceptance of incoming call</li> <li>- Moving from one phone conversation to another in second call mode (call alert)</li> <li>- Selection of message displayed</li> </ul>	<ul style="list-style-type: none"> <li>- Rejection of incoming call</li> <li>- Ending of phone call in progress</li> </ul>
/D	<ul style="list-style-type: none"> <li>- Deactivation of voice recognition</li> <li>- Interruption of voice message</li> <li>- Interruption of SMS message reading</li> <li>- Exit from <b>Blue&amp;Me™</b> Main Menu</li> <li>- Exiting a sub-menu and going back to the previous menu option</li> <li>- Exiting the current selection without saving</li> <li>- Deactivation/reactivation of the microphone during a phone conversation</li> <li>- Zeroing the volume of the call tone for incoming phone calls</li> <li>- Media Player Pause activation/deactivation</li> </ul>	-

Button	Brief press (less than 1 second)	Long press (more than 1 second)
	<ul style="list-style-type: none"> <li>– Activating voice recognition</li> <li>– Interrupting the voice message, to give a new voice command</li> </ul>	– Repetition of the last voice message given by the system
+/-	– Adjust the volume of <b>Blue&amp;Me™</b> functions: hands-free, SMS message reader, Media Player, voice announcements	–
	<ul style="list-style-type: none"> <li>– Scroll through <b>Blue&amp;Me™</b> menu items Select Media Player tracks</li> <li>– Scroll through SMS messages in your inbox</li> </ul>	–
<b>SRC/OK</b>	<ul style="list-style-type: none"> <li>– Confirm the option from the menu selected during manual interaction</li> <li>– Switch phone conversation from the hands-free system to your mobile phone and vice versa</li> <li>– Audio source selection (Radio, CD, CD Changer, Media Player, AUX)</li> <li>– Selecting the SMS message displayed</li> </ul>	–

### Notes

For many functions, the **SRC/OK** and **MAIN** controls on the steering wheel are interchangeable and you can select the button you prefer. For both operating modes of the controls on the steering wheel (brief or long press), the function is activated when the button is released.



## HANDS-FREE FUNCTION QUICK GUIDE

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

- Make sure the ignition key is at **MAR**
- Practise the voice commands
- Pair your mobile phone
- Make a call.

### Preparing your mobile phone phonebook

Before pairing your mobile phone with **Blue&Me™**, you should make sure that you have stored the names you want to contact in the phone book on your mobile phone so that you can call them using the car's hands-free system.

☞ If your phonebook does not contain any names, enter new names for the most frequently used numbers. For further details, consult your mobile phone manual.

## WARNINGS

- Access to the phonebook copied to **Blue&Me™** is possible only when the mobile phone from which it was copied is connected.
- The names saved on the SIM card or in your mobile phone's memory can be transferred to **Blue&Me™** in different ways according to the mobile phone model.

### Getting to know the voice commands

When talking to the system, you can always use the voice command **"Help"** to obtain detailed instructions on the voice commands available for each interactive stage.

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

- Press the  control on the steering wheel.
- After **Blue&Me™** emits a tone indicating that voice recognition is active, say **"Help"**. **Blue&Me™** will give the list of voice commands available.
- At the end of the help message, say **"Settings"** and, at the end of the message, **"Help"**. **Blue&Me™** will

repeat the list of voice commands available for the **SETTINGS** menu.

- You can then give one of the available commands and proceed with the dialogue as you wish.
- If you need more help, press } and say **"Help"**.

### Pairing your mobile phone

**WARNING** This operation should be carried out only with the car stationary.

To pair your mobile phone, proceed as follows:

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

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

It is important to wait for this confirmation message, if you press **MAIN** or  before this message appears, you risk cancelling the pairing process. If the pairing process fails, an error message will be displayed and the pairing procedure will have to be repeated.

- ❑ After pairing, the first time you connect **Blue&Me™** will say **"Welcome"**. This message will no longer be heard at subsequent pairing or connecting procedures.
- ❑ **Blue&Me™** asks you if you want to copy across the contacts of the mobile phone just registered on the **Blue&Me™** system. You are advised to copy it. To proceed with copying, say **"Yes"**; if you do not want to copy the phonebook, say **"No"**.

- ❑ On some mobile phones, the names in the phonebook are not copied automatically, but have to be transferred by using the mobile phone keypad. If **Blue&Me™** asks you to do this, perform this procedure following the instructions specific to your mobile phone and press **MAIN** when you have finished.

### Making a phone call

Imagine that "John" is one of the names saved in your phonebook.

To call John, proceed as follows:

- ❑ Press the steering wheel control  and say **"Call John"**.
- ❑ If the name is recognised, the relevant information will be shown on the display.

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

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

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



To call the number displayed, say “**Call**”. You can also navigate through this list manually by pressing the controls on the steering wheel until you find the desired number. At this point, press ▲ or ▼ fino a quando avrete trovato il numero desiderato. A questo punto, premete **MAIN** or **SRC/OK** to make the call.

- To end the call, press **MAIN** for more than 1 second.

## SMS MESSAGE READER QUICK GUIDE (only for mobile phones which support this function)

If your **Bluetooth**® phone supports this function, when you receive a new SMS message, **Blue&Me™** alerts you with an acoustic signal and asks you if you want to read it.

- say “**Yes**” or press the **MAIN** or **SRC/OK** button, the system will read the last message received
- say “**No**” or press the button , the system will store the message and you can read it later.

## MEDIA PLAYER QUICK GUIDE

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

- Copy the tracks onto your USB device.
- For USB devices without USB cable, simply connect the USB device (directly or with an extension lead) to the USB port on the car.

- For USB devices with a cable, connect one end to your USB device and the other to the USB port in the car.
- Turn the ignition key to **MAR**. **Blue&Me™** will automatically start to play the digital tracks.
- The time required by **Blue&Me™** to recognise your USB device and start playback may depend on the type of device, its capacity and its contents.
- After **Blue&Me™** has created a library of your digital audio files, you can select and listen to tracks, albums, artists and playlists, interacting manually or vocally with **Blue&Me™**. Creating the library may require a few minutes if your USB device contains many files.
- You can also decide whether to play audio files automatically when the USB/iPod device is connected or to play them only on your command.

## LIST OF AVAILABLE VOICE COMMANDS

The main **Blue&Me™** available voice commands are listed below.

### Always available voice commands

- Help
- Cancel
- Repeat

### Hands-free voice commands

- Dial a number
- Call [Name]
- Telephone
- Callback
- Redial
- Recall

### Sms message reader voice commands

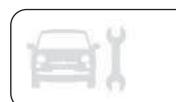
- Read last one
- Message reader

### Media player voice commands

- Media player
- Play
- Stop
- Next
- Previous
- Shuffle on
- Shuffle off
- Loop
- Loop off
- Autoplay on
- Autoplay off
- Now playing

### Settings functions voice commands

- Setup
- Media file settings

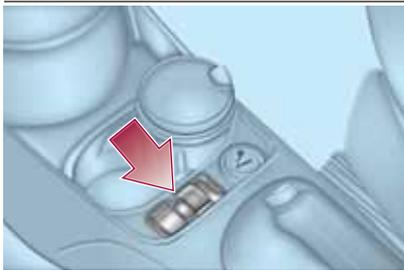


## AUX

To activate the AUX source, press the MEDIA button (on the radio front panel) or the SRC steering wheel control several times till the AUX source is displayed.

### NOTE

- ❑ the functions of the device connected to the AUX socket are managed using the device. It is not possible to change track/folder/playlist using the radio or steering wheel controls.
- ❑ Do not leave the cable for the portable device connected with the AUX socket.



51 - Port USB / Socket AUX

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## PREPARATION TO INSTALL A PORTABLE NAVIGATION SYSTEM

(for versions/markets, where provided)

Install the portable navigation system in the housing on the dashboard, fig. 52.



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## REFUELLING THE CAR



## DIESEL AND PETROL VERSIONS fig. 53

### Opening tank cap

- ❑ open lid A;
- ❑ rotate the ignition key anticlockwise in the lock and unscrew the cap B;
- ❑ during refuelling, the cap should be positioned as illustrated.



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## Petrol engines

Only use unleaded petrol with an octane rating of at least 95 RON (EN 228 specification).

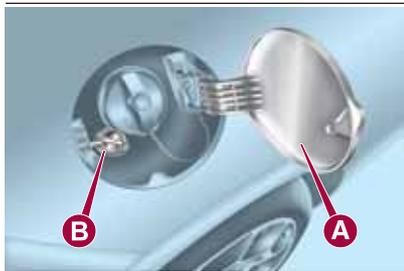
## Diesel engines

Use only diesel for motor vehicles (EN 590 specification).

## LPG VERSIONS

### LPG filler

The LPG filler is placed next to the petrol filler plug. It has a check valve in the filler body.



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DVDF0S034c

To access the filler, open the access flap A - fig. 54 and undo the cap B.

Observe the following precautions during the refuelling operation:

- stop the engine;
- apply the handbrake;
- turn the ignition key to STOP;
- do not smoke;
- hand the special adapter over to the qualified LPG refuelling personnel.

**IMPORTANT** Before refuelling with LPG, the qualified personnel should make sure that the adapter is correctly tightened onto the filler.

**IMPORTANT** Depending on the country, there are different types of adapters for refuelling pumps. The adapter C - fig. 55 that comes with the car in a special case is specifically designed for the country in which the car is sold.



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If you are in a different country, find out what type of adaptor is used there.

**IMPORTANT** Use only LPG for motor vehicles.

**IMPORTANT** Look after the LPG adapter carefully so that it does not get damaged.



## VERSION WITH LPG SYSTEM



### INTRODUCTION

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

Like the petrol system, the LPG system is timed, sequential multipoint type with special injectors.

### PASSIVE SAFETY/ ACTIVE SAFETY

#### Passive safety

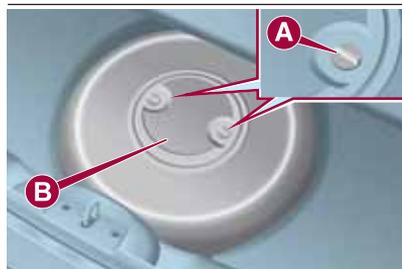
The car has the same passive safety specifications as other versions. In particular, the tank mountings (located in the spare wheel housing) have been designed to exceed the Fiat safety standards for crash tests.

#### Active safety

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

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

- unscrew the fixing devices A - fig. 56, then remove the cover B;



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DVDF0S036c

- close the LPG tap by rotating the knurled ring nut C - fig. 57 clockwise;
- refit the cover and retighten the fixing devices.



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DVDF0S037c

## LPG TANK

The vehicle has a (pressurised) tank A - fig. 58 for collecting LPG in a liquid state. It is ring-shaped and located in the spare wheel compartment with suitable protection.



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DVDF0S039c

### LPG tank certification

The LPG tank is certified in accordance with current regulations.

In Italy, the tank has a life of 10 years starting from the car registration date. If the car has been registered in a country other than Italy, the duration and the testing/inspection procedures for the LPG tank may vary depending on the national legislation in force in that country.

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

The tank identification data are printed on the tank, under the multivalve unit:

- homologation country identification and homologation number;
- type of gas it is designed for (LPG);
- name of tank manufacturer;
- tank commissioning pressure (30 bar);
- maximum refilling percentage (80%);
- tank dimensions;
- rated tank capacity in litres;
- tank manufacture date (month/year);
- tank serial number.

## SELECTION OF PETROL/LPG SUPPLY TYPE

The selection switch (petrol/LPG) is located on the central tunnel fig. 59 and includes:

- A petrol/LPG switch.
- B LPG quantity indicator; 5 LEDs, four green and one orange to indicate reserve. The orange LED turns on when only one green LED is on.
- C petrol operating mode indicator: orange LED next to the switch A. This function is controlled directly by the LPG control unit.
- D LPG operating mode indicator: green LED next to the switch A. This function is controlled directly by the LPG control unit.

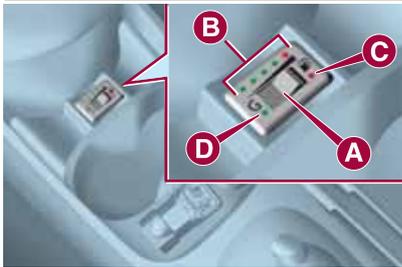
**IMPORTANT** If the ignition key is turned to MAR-ON, all the device LEDs will stay on for approximately 4 seconds (check function).



**IMPORTANT** If the ignition key is turned to STOP, the LED for the operating mode selected will stay on for approximately 2 seconds (LED C or D).

Starting always occurs on petrol; then, depending on the position of the switch A - fig. 59 the following occurs:

- ❑ the switch A pressed on the right side (identified by the symbol ) indicates petrol operation with activation of the associated orange LED C;
- ❑ the switch A pressed on the left side (identified by the symbol **G**) indicates LPG operation with activation of the associated green LED D.



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Five LEDs B (one orange and four green) on the top part of the switch display the amount of LPG in the tank.

If the LPG runs out, the system automatically switches to petrol: the orange LED C next to the switch comes on and the green LED D indicating LPG operation goes off.

When the car is refuelled with LPG after a standard start-up on petrol, the fuel system automatically returns to LPG: the orange LED C next to the switch goes off and the green LED D for LPG operation turns on.

If you specifically wish to run on petrol, press the switch A on the right-hand side.

The orange LED C next to the switch will turn on to indicate that switching has taken place (the LPG fuel system has been entirely disabled).

The fuel supply can only be returned to LPG by operating switch A again; green LED D next to the switch, will turn on to indicate that switching has taken place.

In addition, when starting at outside temperatures below approximately  $-10^{\circ}\text{C}$ , the switching times from petrol to LPG increase to allow the pressure regulator/reduction unit to heat up.

**IMPORTANT** If switching takes place during acceleration or setting off, there may be a brief drop in power.

# SAFETY

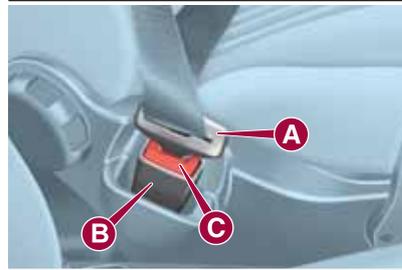
## SEAT BELTS AND PRETENSIONERS



### SEAT BELTS

#### Using the seat belts

- ❑ The belt should be worn keeping the torso straight and rested against the backrest.
- ❑ To fasten the seat belts, hold the tab A-fig. 60 and insert it into the buckle B, until it clicks into place. On removal, if it jams, let it rewind for a short stretch, then pull it out again without jerking.
- ❑ To release the belts, press button C.



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DVDFGS041c

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

### SBR SYSTEM

(for versions/markets, where provided)

The system reminds the driver and the front passenger to fasten their seat belt with visual indications (switching on of the warning lights on the instrument panel and acoustic signal)

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 in the display (see the “Menu Items” paragraph in the “Knowing your vehicle” chapter).

### PRETENSIONERS

To increase the efficiency of seat belts, the car is fitted with pretensioners which, in the case of a violent frontal impact, rewind the belt a few centimetres ensuring that it adheres perfectly to the wearer before the restraining action begins. The retractor locks to indicate that the pretensioner has intervened; the seat belt cannot be drawn back up even when guiding it manually.



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

A slight discharge of smoke may be produced during the activation of the pretensioner which is not harmful and does not involve any fire hazard.

**WARNING:** to obtain the highest degree of protection from the action of the pretensioner, wear the seat belt keeping it tight to the chest and pelvis.

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 be replaced.

## LOAD LIMITERS

To increase occupant safety in the case of accidents, the retractors of the seat belts contain a load limiter which controls the force acting on the chest and shoulders during the belt restraining action in the case of frontal collisions.

## SEAT BELTS MAINTENANCE

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

- always make sure the seat belt is well stretched and never twisted; ensure that it is free to run without obstructions;
- check seat belt operation as follows: fasten 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;

- to clean seat belts, wash by hand with water and mild soap, rinse and leave to dry in the shade. Never use strong detergents, bleach, paints or any other chemical substance which could damage the belt fibres;
- prevent the retractors from getting wet: their correct operation is only guaranteed if water does not get inside;
- replace the seat belt when it shows signs of significant wear or cuts.

## GENERAL WARNINGS FOR USING THE SEAT BELTS

Always fasten the seat belts before setting off.

Seat belts must also be worn by pregnant mothers: the risk of injury in the event of an accident is greatly reduced for them and the unborn child if they are wearing a seat belt. Pregnant mothers must position the lower part of the belt very low down so that it passes over the pelvis and under the abdomen fig. 61.



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The belt must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally. The lower part must adhere to the pelvis, not to the abdomen. Do not use devices (clips, etc.) to hold the seat belt away from your body, fig. 62.



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Each seat belt must be used by only one person. Never travel with a child sitting on a passenger's lap and a single belt to protect them both. In general, do not place any objects between the person and the belt, fig. 63.



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DVDF0S044c



## 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 children.

This prescription is compulsory in all EC countries according to EC Directive 2003/20/EC.

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. Depending on the characteristics of the child restraint systems used, you are advised to keep children in rearward facing child restraint systems for as long as possible (at least until 3–4 years old), since this is the most protected position in the event of an impact.

The choice of the most suitable child restraint system depends on the weight of the child; there are various types of child restraint systems and you are advised always to choose the one that is most suitable for the child.

European Regulation ECE-R44 subdivides the restraint systems into five groups:

Group 0 up to 10 kg in weight

Group 0+ up to 13 kg in weight

Group 1 - 9-18 kg

Group 2 - 15-25 kg

Group 3 - 22-36 kg

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

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

Lineaccessori Mopar® offers child restraint systems for each weight group.

These devices are recommended, since they are specifically designed and tested for Fiat cars.

### GROUP 0 and 0+

- Babies up to 13 kg must be carried rearward facing on a cradle seat, which, supporting the head, does not induce stress on the neck in the event of sharp deceleration.
- The cradle is held in place by the car seat belts and in turn must restrain the child with its own built-in belts.



## GROUP 1

- ❑ Children of weight from 9 to 18 kg may be carried forward facing.



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## GROUP 2

- ❑ Children from 15 to 25 kg may use the car seat belts directly.

In this case, the child restraint system is used to position the child correctly with respect to the belts so that the diagonal section crosses the child's chest and not the neck, and the lower part is snug on the pelvis not the abdomen.



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## GROUP 3

- ❑ For children from 22 kg up to 36 kg suitable risers are available to position the seat belt correctly.

Figure 67 shows correct child positioning on the rear seat.

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



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## PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON UNIVERSAL CHILD RESTRAINT SYSTEM USE

Fiat 500 complies with the new European Directive 2000/3/EC which governs the arrangement possibilities for child restraint systems on the various seats of the car as shown in the following table:

Group	Weight range	Front passenger	Rear passenger
Groups 0, 0+	up to 13 kg	U	U
Group 1	9–18 kg	U	U
Group 2	15–25 kg	U	U
Group 3	22–36 kg	U	U

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

### Below is a summary of the main safety rules to be followed to carry children safely:

Install the child restraint systems on the rear seat, which is the most protected position in the event of an accident. If the passenger’s front airbag is deactivated, always check that the warning light is on constantly  in the central dashboard, to make sure that it has actually been deactivated.

Strictly follow the instructions supplied with the child restraint system, which the manufacturer must provide. Keep the instructions in the vehicle along with the other documents and this handbook. Do not use second-hand child restraint systems without instructions.

Always check that the seat belt is well fastened by pulling on it.

Only one child is to be strapped into each restraint system; never carry two children using one child restraint system.

Always check that seat belts do not rest on the child’s neck.

While travelling, do not let the child sit incorrectly or unfasten the belts.

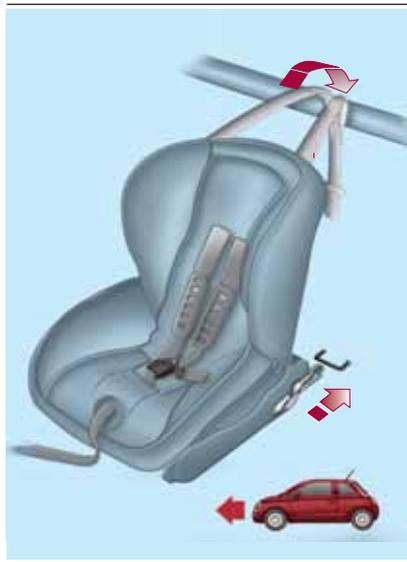
Never allow a child to put the belt diagonal section under an arm or behind his back.

Never carry children on your lap, even newborns. No-one can hold a child in the case of an accident.

In the event of an accident, replace the child restraint system with a new one.

## “ISOFIX” CHILD RESTRAINT SYSTEM SETUP 23)

The car is equipped with ISOFIX anchorages, a new European standard which makes fitting a child restraint system quick, simple and safe. Traditional child restraint systems can be fitted alongside Universal Isofix child restraint systems.



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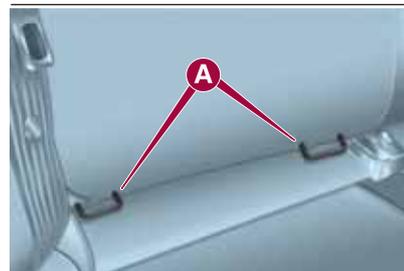
An example of an Universal Isofix child restraint system for weight group 1 is shown in fig. 68.

The other weight groups are covered by the specific Isofix child restraint system, which can be used only if specifically designed, tested and approved for this car (see car list provided with the child restraint system).

### INSTALLING A UNIVERSAL ISOFIX CHILD RESTRAINT SYSTEM

Attach the restraint system to the two metal anchorages A fig. 69 located where the rear seat cushion meets the backrest, then, after having removed the parcel shelf, fix the upper strap (available together with the restraint system) to the dedicated anchorage B fig. 70 located at the bottom behind the backrest.

Remember that when using a Universal Isofix child restraint system, you can use approved child restraint systems with the marking ECE R44/03 (R44/03 or superior) “Universal Isofix”.



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The Universal Isofix “Duo Plus” child restraint system and the special “G 0/1” seat are available from Lineaccessori Mopar®.

For any further details on installation/use, refer to the instruction manual provided with the child restraint system.



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## PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON ISOFIX CHILD RESTRAINT SYSTEM USE (FIAT 500)

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

Weight group	Child restraint system orientation	Isofix size class	Rear side Isofix position
Group 0 to 10 kg	Rearward facing	E	X
Group 0+ up to 13 kg	Rearward facing	E	X
	Rearward facing	D	X
	Rearward facing	C	X
Group 1 from 9 up to 18 kg	Rearward facing	D	X
	Rearward facing	C	X
	Forward facing	B	IUF
	Forward facing	B1	IUF
	Forward facing	A	IUF

X: Isofix position not suitable for Isofix child restraint systems in this weight group and/or size class.

IUF: suitable for forward facing Isofix child restraint systems in the Universal category and approved for use in the weight group.

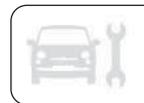
## PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON ISOFIX CHILD RESTRAINT SYSTEM USE (FIAT 500C)

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

Weight group	Child restraint system orientation	Isofix size class	Rear side Isofix position
Group 0 to 10 kg	Rearward facing	E	X
Group 0+ up to 13 kg	Rearward facing	E	X
	Rearward facing	D	X
	Rearward facing	C	X
Group 1 from 9 up to 18 kg	Rearward facing	D	X
	Rearward facing	C	X
	Forward facing	B	IUF
	Forward facing	B1	IUF
	Forward facing	A	X

X: Isofix position not suitable for Isofix child restraint systems in this weight group and/or size class.

IUF: suitable for forward facing Isofix child restraint systems in the Universal category and approved for use in the weight group.



**Main warnings to be followed to carry children safely:**

- ❑ Install the child restraint systems on the rear seat, which is the most protected position in the event of an accident.
  - ❑ Keep children in rearward facing child restraint systems for as long as possible, until 3–4 years old if possible.
  - ❑ If the passenger side front airbag is deactivated, always check the dedicated warning light on the dashboard to make sure that it has actually been deactivated.
  - ❑ Should a rear facing child restraint system be installed on the front seats, it is advisable to position it as far forward as the position of the front seat allows.
  - ❑ Carefully follow the instructions supplied with the child restraint system itself. Keep the instructions in the vehicle along with the other documents and this handbook. Do not use second-hand child restraint systems without instructions.
- ❑ Only one child is to be strapped into each restraint system; never use it to transport two children at once.
  - ❑ Always check that the seat belts do not rest on the child's neck.
  - ❑ Always check that the seat belt is well fastened by pulling on it.
  - ❑ While travelling, do not let the child sit incorrectly or unfasten the belts.
  - ❑ Never allow a child to put the belt's diagonal section under an arm or behind their back.
  - ❑ Never carry children on your lap, even newborns. No-one can hold a child in the case of an accident.
  - ❑ In the event of an accident, replace the child restraint system with a new one.

**AIRBAG**  (24)

The car is provided with front airbags for the driver and the passenger, driver's knees airbag and side bags - window bags.

**FRONT AIRBAGS**

The front driver/passenger airbags and the driver's knee bag (for versions/markets, where provided) 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 airbags are not a replacement of but complementary to the seat belts, which you are recommended to always wear, as specified by law in Europe and most non-European countries.

In the event of an impact, someone not wearing a seat belt could move forward and come into contact with a bag which is still in the opening phase. 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 car (e.g. wing collision against guard rail);

- ❑ car wedging under other vehicles or protective barriers (e.g. trucks or guard rails);
- ❑ 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 front airbags (driver, passenger, driver's knee bags) are designed and calibrated to protect front seat passengers wearing seat belts.

Their volume at the moment of maximum inflation fills most of the space between the steering wheel and the driver, between the lower post guard and the knees on passenger side and between the dashboard and the passenger.

The airbags are not deployed in the event of minor front collisions (for which the restraining action of the seat belts is sufficient). Safety belts must always be worn. In the event of frontal impact they guarantee correct positioning of the passenger.



### DRIVER SIDE FRONT AIRBAG (A-fig. 71)

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

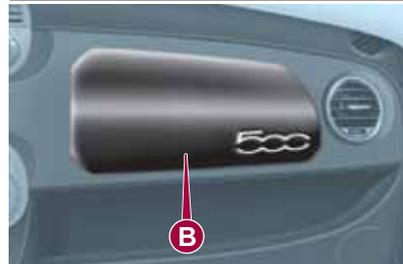


71

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### PASSENGER SIDE FRONT AIRBAG (B-fig. 72)

- This consists of an instantly inflating bag contained in a special recess in the dashboard: this bag has a larger volume than that of the driver.



72

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### PASSENGER'S FRONT AIRBAG AND CHILD RESTRAINT SYSTEMS



24)

**ALWAYS** comply with the instructions on the label stuck on both sides of the sun visor.



72a

DVDF0S160c

## Passenger front airbag and child restraint system: WARNING

<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 Kinderrückhaltesysteme (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>	PUED E 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 ŚMIERĆ I LUB CIĘŻKIMI 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 halde iken çocuk koltuğunu araç gidis yönüne ters biçimde yerleştirmeyin.
<b>DK</b>	FARE FOR DØDELIGE KVÆSTELSER OG LIVSTRUENDE SKADER. Placer aldrig en bagvendt barnestol på passagerersædet, hvis passager-airbagen er indstillet til at være aktiv (on).
<b>EST</b>	TAGAJÄRJREKS VÕIVAD OLLA TÕSISED KEHAVIGASTUSED VÕI SURM. Turvapadja olemasolu korral ärge asetage lapse turvaistet sõidusuunaga vastassuunas.
<b>FIN</b>	KUOLEMANVAARA TAI VAKAVIEN VAMMOJEN UHKA. Älä aseta lasten turvaistuina niin, että lapsi on selkä menusuuntaan, 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 GALITE RIMTAI SUSIŽEISTI. Nedėkite vaiko sėdynės atgręžtos nugarą į priekinį automobilio stiklą ten, kur yra veikiant keleivio oro pagalvė.
<b>S</b>	KAN VARA LIVSHOTANDE ELLER LEDA TILL ALLVARLIGA SKADOR. Placera aldrig en baktvänd barnstol i framsätet då passagerarsidans krockkudde är aktiv.
<b>H</b>	HALÁSOS VAGY SÚLYOS BALESET KÖVETKEZHET BE. Ne helyezzük a gyermekülést a menetirányal szembe, ha az utas oldalán légzőzsák működik.
<b>LV</b>	VAR IZRAIŠĪT NĀVI VAI NOPIETNAS TRAUMAS. Neviotot mazulja sēdekli pretēji 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 včti směru jízdy v případě aktivního airbagu spolujedzce.
<b>SLO</b>	LAHKO PRIDE DO SMRTI ALI HUDIH POŠKODB. Otroškega avtomobilskega sedeža ne nameščajte v obratni smeri vožnje, če ima vozilo vgrajene zračne blazine za potnike.
<b>RO</b>	SE POATE PRODUC E 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 συνεπιβάτη.
<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>	MŮŽE 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, устанавливающееся против направления движения, нельзя монтировать на месте переднего пассажира, если последнее оборудовано активной подушкой безопасности.
<b>HR</b>	OPASNOST OD TEŠKIH ILI SMRTONOSNIH OZLJEDA. Sjedala za djecu koja se montiraju u smjeru suprotnom od vožnje ne smiju se instalirati na prednja sjedala ako postoji aktivni zračni jastuk suvozača.
<b>AS</b>	قد تحدث حالات وفاة أو إصابات بالغة. لا تستخدم مقاعد الأمان الخاصة بالأطفال على مقعد مزود "بوسادة هوائية"، حيث إن الطفل قد يتعرض للوفاة أو لإصابة بالغة.



**KNEE BAG ON DRIVER'S SIDE**

(for versions/markets where provided)  
(C-fig. 73)

- It consists of an instantly inflating cushion housed into a special compartment under the lower post guard at driver's knee level, designed to give further protection in the event of a head-on crash.



73

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**DEACTIVATING THE PASSENGER SIDE AIRBAGS: FRONT AIRBAG AND FRONT (SIDE BAG)**

(for versions/markets, where provided)

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

The instrument panel warning light  will stay on constantly until the passenger's front airbag and the front side bag are reactivated (for versions/markets, where provided).

**IMPORTANT** To manually deactivate the passenger's front airbag and the front side bag (for versions/markets, where provided), refer to section "Knowing your car", paragraphs "Deactivating front passenger airbag and side bag".

## SIDE BAGS

(Side bags - Window bag)  23)

### SIDE BAGS

(for versions/markets, where provided)

These comprise two instantly inflating bags located in the front seat backrests, fig. 74, which protect the pelvis, chest and shoulder area of the occupants in the event of a side impact of medium/high severity.



74

DVDF0S055c

## WINDOW BAG

(for versions/markets, where provided)

This comprises two “curtain” window bags located behind the side roof cover, fig. 75, and are covered by special trim. They are designed to protect the head of front passengers in the event of side collisions, thanks to the wide cushion inflation surface.



75

DVDF0S056c

**IMPORTANT** In the event of side crash, you can obtain the best protection by the system keeping a correct position on the seat, allowing thus a correct window bag deployment.



IMPORTANT The front airbags and/or side bags may be deployed if the car is subject to heavy collisions or accidents involving the underbody area, such as for example violent shocks against steps, kerbs or low obstacles, falling of the car in big holes or sags in the road.

IMPORTANT A small amount of dust will be released when the airbags are deployed. The dust is harmless and does not indicate the beginning of a fire. Furthermore, the surface of the deployed bag and the interior of the car may be covered with dusty residue. This dust can irritate skin and eyes.

Wash with mild soap and water in the event of exposure.

IMPORTANT Should an accident occur in which any of the safety devices is activated, take the car to a Fiat Dealership to have the devices activated replaced and to have the system checked.

Every control, repair and replacement operation concerning the airbags must only be carried out at a Fiat Dealership. If the car is scrapped, have the system deactivated at a Fiat Dealership.

IMPORTANT Pretensioners, front airbags and side bags are deployed according to different logic on the basis of the type of collision. Failure to deploy of one of the devices does not necessarily indicate a system malfunction.

# STARTING AND DRIVING

## STARTING THE ENGINE

fig. 76  25)  10)



### Petrol versions (excluding 0.9 TwinAir 105 HP)

- apply the handbrake;
- gear lever in neutral;
- fully depress the clutch pedal, without touching the accelerator;
- rotate the key to AVV and leave it as soon as the engine starts.

### 0.9 TwinAir 105 HP versions

- apply the handbrake;
- gear lever in neutral or fully press the clutch pedal if a gear other than neutral is engaged;
- rotate the key to AVV and leave it as soon as the engine starts.

### Diesel versions

- apply the handbrake;
- gear lever in neutral;

- rotate the key to MAR-ON and wait for the warning lights or symbols  to and  turn off;
- push the clutch pedal down;
- rotate the key to AVV and leave it as soon as the engine starts.

### LPG versions

The engine always starts up on petrol independently of the mode previously selected. There must, therefore, always be enough petrol in the tank.



76

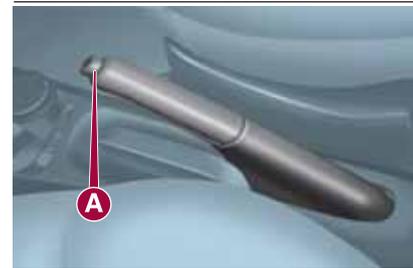
DVDF0S057c

## HANDBRAKE 26)

The handbrake lever, fig. 77, is located between the front seats.

To use the handbrake pull the lever upwards until the car cannot be moved.

To release the handbrake, raise the lever slightly and press the release button A-fig. 77; hold down the button and lower the lever.



77

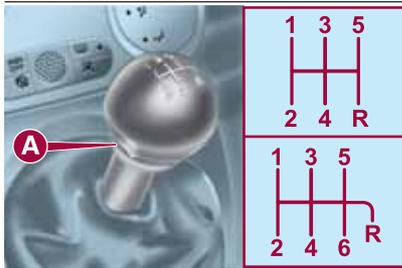
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## USING THE MANUAL GEARBOX



To engage the gears, press the clutch pedal down fully and shift the gear lever into one of the required positions (a diagram is shown on the knob of the lever fig. 78).



78

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For cars provided with 6-speed gearbox, to engage the 6<sup>th</sup> gear, operate the lever by pressing it towards the right in order to avoid engaging the 4<sup>th</sup> gear by mistake. The same applies to the shift from 6<sup>th</sup> to 5<sup>th</sup> gear.

**IMPORTANT** The car can only be put into reverse gear when it has stopped moving completely. 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.

To engage reverse R from neutral, lift the sliding ring A-fig. 78 under the knob and shift the lever to the right and back.

**IMPORTANT** The clutch pedal should be used only to change gear. Do not drive with your foot resting on the clutch pedal, however lightly. For versions/markets where provided, the electronic clutch control could intervene, interpreting the incorrect driving style as a fault.

## USING THE DUALOGIC GEARBOX

(for versions/markets, where provided)



### OPERATING MODES

There are two gearbox operating modes:

- MANUAL** the driver decides directly when to change gear;
- AUTO** the system decides when to change gear.

### MANUAL MODE

- Press the brake pedal and start the engine.
- Push the lever A - fig. 79 for the gearbox towards (+) to engage the first gear (if it is coming from N or R, simply place the lever in the middle position) or in R to engage reverse gear.
- Release the brake pedal and press the accelerator pedal.
- In driving conditions, push lever A of the gearbox towards (+) to engage the next gear up or towards (-) to engage the next gear down.



79

DVDF0S059c

## AUTO MODE

- Press the brake pedal and start the engine.
- Push the gear lever to A/M to engage automatic mode or to R to engage reverse.
- Release the brake pedal and press the accelerator pedal.

## ECO function

The ECO function, which optimises the gearbox, can be activated only with AUTO mode on.

This function is activated by pressing button E fig. 79 on the trim next to the gear lever (on 1.2 8V versions), or by pressing the ECO button fig. 70 on the dashboard (on 0.9 TwinAir 85 HP versions).

With the ECO function active, the display will show the current gear and the words AUTO and ECO; the system will select the most suitable gear depending on the car speed, engine rpm and intensity with which the accelerator pedal is pressed, with the aim of limiting fuel consumption.



80

DVDF0S0112c

## SPORT function

(1.4 16V versions – for versions / markets, where provided)

On these versions, the driver can also use the SPORT function which enables a sporty driving setting by intervening on gear changes, the engine control unit and the steering. To activate this function, press the SPORT button fig. 81 on the dashboard.



81

DVDF0S0113c



## STEERING WHEEL PADDLES

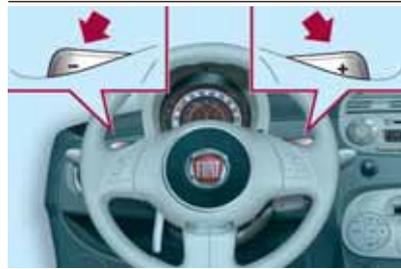
(for versions/markets, where provided)  
fig. 82

The gearbox can be managed sequentially using the steering wheel controls.

- To use the steering wheel paddles, the gear lever A-fig. 79 must be in the middle position between + and –.

**To engage a higher gear:** pull the right stalk + toward the steering wheel.

**To engage a lower gear:** pull the left stalk – toward the steering wheel.



82

DVDF0S088c

**NOTE** The engagement of a lower (or higher) gear is only permitted if the engine revs allow it.

**NOTE** For correct use of the system, you are advised only to use your right foot to operate the pedal unit.

# IN AN EMERGENCY

In an emergency, we recommend that you call the freephone number found in the Warranty Booklet.  
You can go to our web site at [www.fiat500.com](http://www.fiat500.com) to find the Fiat Dealership nearest to you.

## JUMP STARTING



If the battery is flat, the engine may be started using an auxiliary battery with the same capacity or a little higher than the flat one.

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

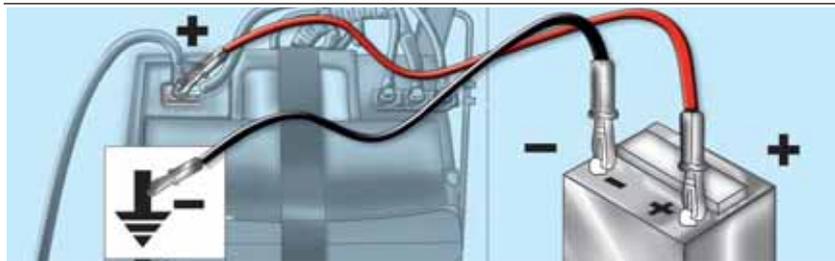
### Proceed as follows:

Engage the handbrake on both vehicles and place the gearbox in neutral. Connect the positive fig. 83 terminals (+ near the terminal) of the two batteries with a jump lead. Connect a second negative terminal lead – for the auxiliary battery with an earth point ↓ at the engine or the gearbox of the car 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 a Fiat Dealership.

**IMPORTANT** Do not directly connect the negative terminals of the two batteries: any sparks may ignite the explosive gas which could come out of the battery.  
If the auxiliary battery is installed on another car, prevent any contact between metal parts of the two cars.

### For versions with Start&Stop system

In the case of emergency starting, NEVER connect the negative lead (–) of the auxiliary battery to negative pole (–) of the battery, but only to an earth point on the engine/gearbox assembly.



**BUMP STARTING**  10)

Never bump start the engine by pushing, towing or coasting downhill.

This could cause fuel to flow into the catalytic converter and damage it beyond repair.

**IMPORTANT** Remember that the brake servo and electrical power steering system (where provided) are not operational until the engine is started, a greater effort will therefore be required to press the brake pedal or turn the steering wheel.

**CHANGING A WHEEL**  31)**JACK****Please note that:**

- the jack weighs 1.76 kg;
- the jack requires no adjustment;
- the jack cannot be repaired: in the event of fault it must be replaced by another original one;
- no tool other than its cranking device may be fitted on the jack.

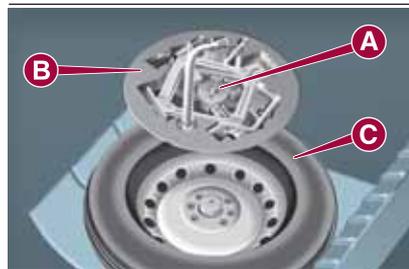
**RAISING WITH A JACK AND REPLACING A WHEEL**

To change a wheel, proceed as follows:

- stop the car where it is not a danger to other road users and you can replace the wheel safely. The ground must be flat and sufficiently compact.

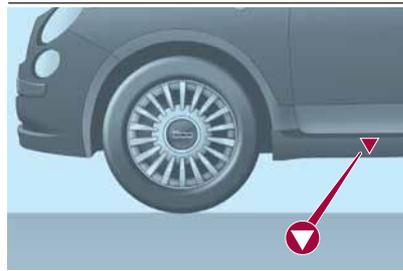
- Switch off the engine and engage the handbrake.
- Engage first gear or reverse.
- Lift up the luggage compartment mat and loosen the central locking device A-fig. 84.
- Take the tool box B and bring it next to the wheel to be changed.
- Take the space-saver wheel C.
- For vehicles with wheel cap: use the screwdriver provided, applying leverage to the dedicated opening on the outer edge.
- For cars fitted with alloy wheels: remove the press-fitted hub cap using the screwdriver provided.
- Loosen the fixing bolts for the wheel to be changed by about one turn using the spanner provided.
- Partially open the jack using the handle.

- ❑ Arrange the jack close to the wheel to be changed, next to the sign ▽ fig. 85-86 indicated on the bodywork.
- ❑ if the vehicle is equipped with side skirts, to let the jack pass under the vehicle, the latter must be tilted (fig. 87)
- ❑ Make sure the jack is correctly positioned (see fig. 88)
- ❑ Warn anybody who is nearby that the car is about to be raised. They should stay clear and they should be warned not to touch the car until it is back on the ground.



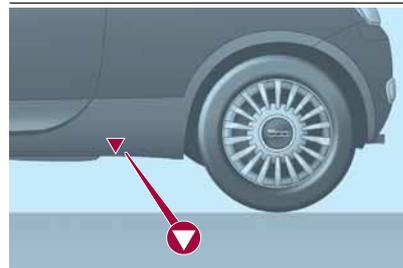
84

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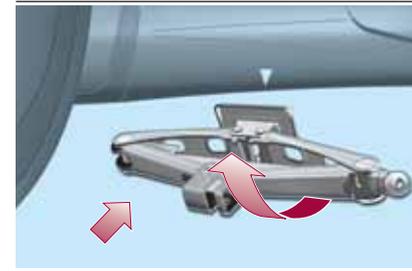
85

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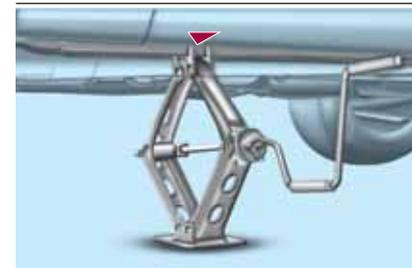
86

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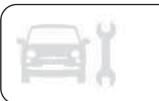
87

DVF0S0163c



88

DVF0S065c



- ❑ Fit the handle to operate the jack and raise the car until the wheel is a few centimetres above the ground. 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 (screws and joints) can also cause injuries: avoid touching them. If you come into contact with lubricating grease, clean yourself thoroughly.
- ❑ Make sure that the space-saver wheel contact surfaces are clean so that the fixing bolts will not come loose.
- ❑ Fit the space-saver wheel aligning the pin with one of the holes on the wheel.
- ❑ Tighten the 4 fixing bolts, turn the jack handle to lower the car and remove the jack.
- ❑ Fasten the bolts completely, passing alternately from one bolt to the opposite one.

## REFITTING THE WHEEL (31), (38)

### Versions with steel rims

- ❑ Make sure that the contact surfaces between standard wheel and hub are clean so that the fixing bolts will not come loose.
- ❑ Fit the standard wheel inserting the 4 bolts into the holes, then tighten them.
- ❑ Insert the pressure-fit cup making the suitable slot coincide with the inflation valve.
- ❑ Lower the car and remove the jack.
- ❑ Using the spanner provided, fully tighten the bolts.

### Versions with alloy rims

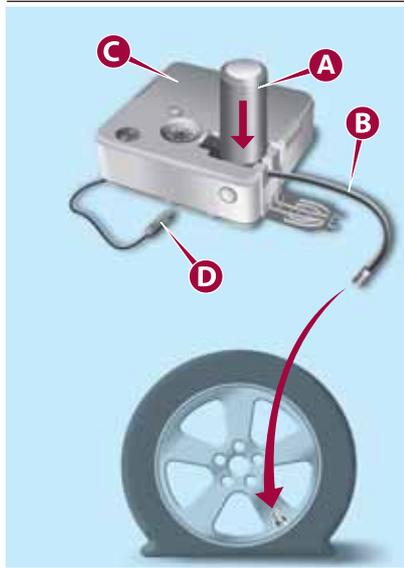
- ❑ Insert the wheel on the hub and, using the wrench provided, tighten the bolts.
- ❑ Lower the car and remove the jack.
- ❑ Using the spanner provided, fully tighten the bolts.
- ❑ Refit the press-fitted hub cap, making sure that the reference hole on the wheel is aligned with the reference pin on the cap.

IMPORTANT: if it is not fitted correctly, the hub cap may detach when the car is running.

## Fix&Go QUICK TYRE REPAIR KIT 32) 15)

(for versions/markets, where provided)

The Fix&Go quick tyre repair kit fig. 89 is placed in the luggage compartment under the mat. The screwdriver and tow hitch can be found next to the Fix&Go.



89

DVDF0S066c

The Fix&Go kit consists of:

- spray bottle A with the sealant, equipped with filling pipe B, separated by the compressor C;
- compressor C with pressure gauge, valve-fitting to couple the bottle A, cable with supply socket D and pipe to restore pressure (the same is inside the body);
- adhesive label under the spray bottle A, with the message “max. 80 km/h” to be placed where the driver can easily see it (for example on the dashboard) after repairing the tyre;
- instruction booklet, explaining the quick and correct use of the Fix&Go;
- protective gloves;
- adaptors for inflating different elements.

### Preparation to repair the tyre with Fix&Go

- Stop the car in a position that is not dangerous for oncoming traffic where you can change the tyre safely.
- Switch off the engine and engage the handbrake.
- Engage first gear or reverse.

### Fix&Go instructions

Punctures up to 4 mm in diameter can be repaired with Fix&Go.

Make sure to give the leaflet (supplied with Fix&Go) to the personnel charged with handling the tyre treated with the tyre repair kit.

The sealant of the quick tyre repair kit is effective at external temperatures of between  $-20^{\circ}\text{C}$  and  $+50^{\circ}\text{C}$ . The sealant has an expiry date.



85

## CHANGING A BULB



### GENERAL INSTRUCTIONS

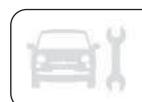
- Before changing a bulb check the contacts for oxidation;
- burnt bulbs must be replaced by others of the same type and power;
- always check the headlight beam direction after changing a bulb;
- when a light is not working, check that the corresponding fuse is intact before changing a bulb. For the location of fuses, refer to the paragraph "If a fuse blows" in this section;

**IMPORTANT** When the weather is cold or damp or after heavy rain or after washing, the surface of headlights or rear lights may steam up and/or form drops of condensation on the inside. This is a natural phenomenon due to the difference in temperature and humidity between the inside and the outside of the glass which does not indicate a fault and does not compromise the normal operation of lighting devices.

The mist disappears quickly when the lights are turned on, starting from the centre of the vent, extending progressively towards the edges.

## TYPES OF BULBS

Bulbs	Type	Power
Main beam headlights	H1	55W
Dipped beam headlight	H7	55W
Xenon gas discharge dipped beam headlights	D1S	35W
Front side lights/daytime running lights	W21/5W	5 W/21W
Front direction indicators	WY21W	21W
Front direction indicators (with xenon gas discharge bulbs)	PY24W	24W
Side direction indicators	W5W	5W
Rear direction indicators	PY21W	21W
Rear side lights	R10W	10W
Brake, reversing, rear fog light	P21W	21W
Roof light	C5W	5W
Luggage compartment roof light	W5W	5W
Number plate light	C5W	5W
Fog lights	H3	55W
Third brake light	W5W	5W



## FRONT LIGHT CLUSTERS

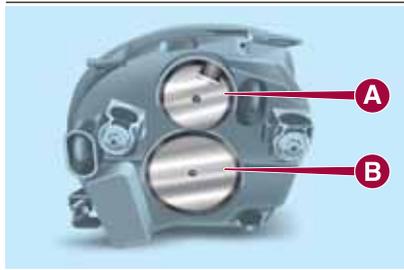
The front light clusters contain side lights, dipped beam headlights, main beam headlights and direction indicator bulbs.

### Access to the direction indicator bulbs

Operating from the engine compartment remove the rubber cap A fig. 90.

### Access to the main beam headlight bulbs

Remove the rubber plug B fig. 90.

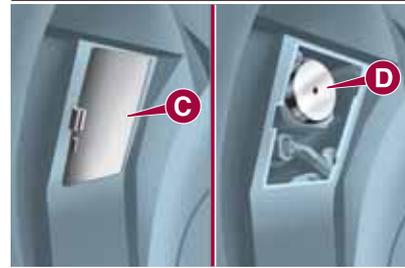


90

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### Access to the daytime running light (DRL) and main beam headlight bulbs

Completely steer the wheels and open guard door C fig. 91 (on the wheel arch at the level of the lights) then remove the rubber cap D.



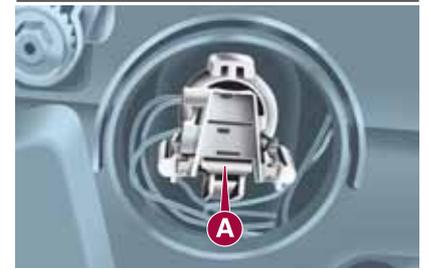
91

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## DIPPED BEAM HEADLIGHTS

To replace the bulb, proceed as follows:

- remove the protective rubber cap described previously;
- press the fastener A fig. 92 and remove the bulb holder;



92

DVDF0S0118c

- remove the snap-fitted bulb and replace;
- refit the bulb holder locking it correctly;
- refit the rubber cap.

### With gas discharge bulbs (Xenon)

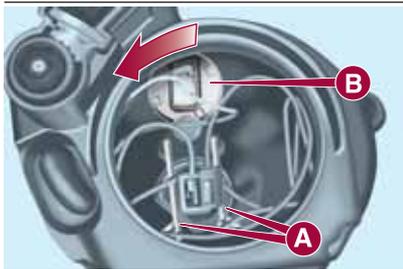
(for versions/markets where provided)

Contact a Fiat Dealership.

## MAIN BEAM HEADLIGHTS

To replace the bulb, proceed as follows:

- ❑ remove the protective rubber cap described previously;
- ❑ release the two bulb holding clips A fig. 93;
- ❑ remove the bulb and replace it;
- ❑ fit the new bulb, making the outline of the metallic part coincide with the grooves on the reflector, then reattach the bulb holding clips;
- ❑ refit the rubber cap.



93

DVDF0S0119c

## SIDE LIGHTS / DAYTIME RUNNING LIGHTS

To replace the bulb, proceed as follows:

- ❑ remove the protective rubber cap described previously;
- ❑ turn the bulb holder B fig. 93 anticlockwise and remove it;
- ❑ remove the snap-fitted bulb and replace;
- ❑ refit the bulb holder B by turning it clockwise and locking it correctly;
- ❑ refit the rubber cap.

## DIRECTION INDICATORS

### Front

To replace the bulb, proceed as follows:

- ❑ remove the protective rubber cap described previously;
- ❑ turn the bulb holder A fig. 94 anticlockwise and remove it;
- ❑ remove the snap-fitted bulb and replace;
- ❑ refit the bulb holder A by turning it clockwise and locking it correctly;
- ❑ refit the rubber cap.



94

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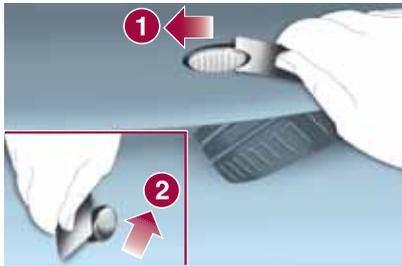


**Side**

**IMPORTANT** The intervention must be carried out taking all precautions necessary to avoid damaging the bodywork (use a sufficiently rigid and appropriately thick plastic card).

To change the bulb, proceed as follows:

- ❑ lever the lens off, by initially applying force from the front towards the back (1-fig. 95);
- ❑ lever in the opposite direction, by applying force from the back part (2-fig. 95) and remove the unit;



95

DVDF0S0117c

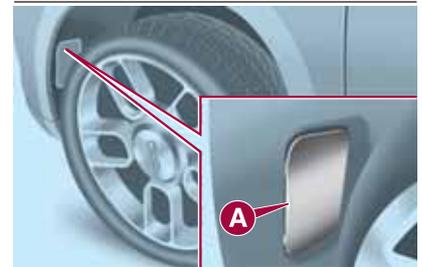
- ❑ turn the bulb holder anticlockwise, extract the clipped bulb and replace;
- ❑ refit the bulb holder in the lens, then reposition the unit, ensuring that the fastening clip clicks into place.

**FOG LIGHTS (FIAT 500S versions)**

**IMPORTANT** For all other versions of Fiat 500, contact a Fiat Dealership to have the fog lights replaced.

To replace the bulb, proceed as follows:

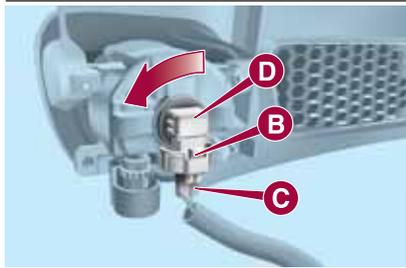
- ❑ steer the wheel completely inwards;
- ❑ adjust the tab A-fig. 96 and remove the pressure-fit flap;



96

DVDF0S0120c

- ❑ adjust the clip B-fig. 97 and disconnect the electrical connector C;
- ❑ rotate bulb holder D anticlockwise and remove the unit;
- ❑ release the bulb and replace it;
- ❑ refit the unit, rotating clockwise to lock it and reconnect the electrical connector;
- ❑ refit the flap and check that it is correctly locked.



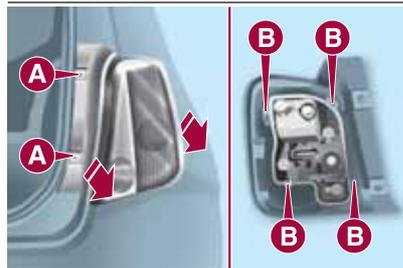
97

DVDF0S0121c

## REAR LIGHT CLUSTERS

To change a bulb, proceed as follows:

- ❑ open the tailgate;
- ❑ unscrew the two fastening screws A-fig. 98 and extract the light cluster axially without rotating it;
- ❑ remove the bulb holder from its housing releasing it from the locking tabs B;
- ❑ extract the bulbs by pushing them slightly and turning them anticlockwise.



98

DVDF0S0122c

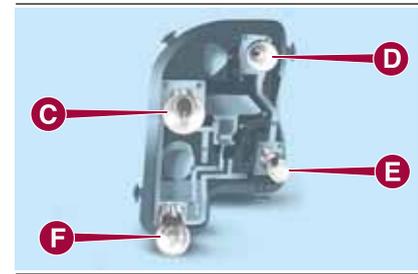
The bulbs are arranged as follows in fig. 99:

C: direction indicators;

D: brake lights;

E: side lights;

F: reverse light (right light)/rear fog light (left light).



99

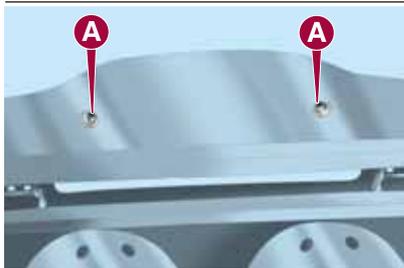
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### THIRD BRAKE LIGHTS

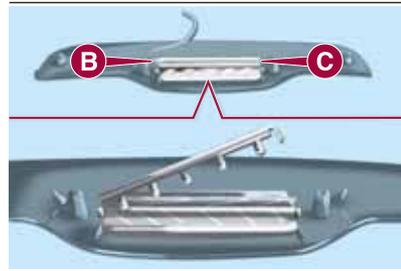
To change a bulb, proceed as follows:

- remove the two guard caps and unscrew the two fastening screws A-fig. 100;
- remove the assembly;
- disconnect the electrical connector B-fig. 101;
- press the retaining device C and open the bulb holder;
- remove the press-fitted bulb to be replaced and replace it;



100

DVDF0S0124c



101

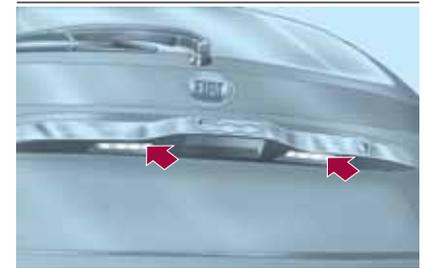
DVDF0S0125c

- close the bulb holder making sure the retaining device is correctly locked;
- screw in the two fastening screws and reinstall the guard caps.

### NUMBER PLATE LIGHTS

To replace the bulbs proceed as follows:

- apply pressure to the point shown by the arrow fig. 102 and remove the lens;
- change the bulb, releasing it from the side contacts;
- fit the new bulb and make sure that it is correctly clamped between the contacts;
- then refit the lens.



102

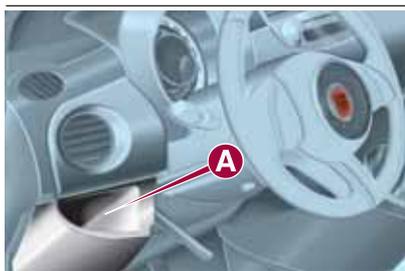
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## REPLACING FUSES



### DASHBOARD FUSES

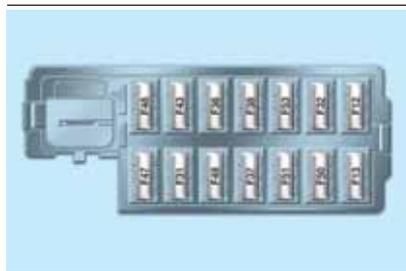
To access the fuses you must remove the press-fitted cover A-fig. 103.



103

DVDF0S067c

The fuse box fig. 104 is located in the lower area next to the pedal unit.



104

DVDF0S068c

The 5A fuse for door mirror demisting is located in the diagnosis socket area, as shown in fig. 105.



105

DVDF0S069c

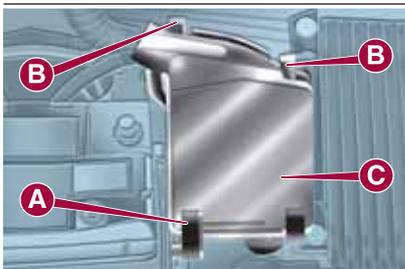
Fuse	Ampere	Description
F12 •	7.5	Right dipped beam headlight power supply
F13	7.5 / 5 •	Left dipped beam headlight and headlight alignment control unit power supply
F 32 •	7.5	Front, rear and luggage compartment roof lights
F36	10	Diagnosis socket, radio, climate control, EOBD
F37	5	Brake light switch, instrument panel node
F38	15	Central locking
F43	15	Windscreen/rear window washer pump
F47	20	Driver side electric window
F48	20	Passenger side electric window
F49	5	Parking sensors, control backlighting, electric mirrors
F51	7.5	Radio switch, <b>Blue&amp;Me™</b> , climate control, brake lights, clutch
F53	5	Cabin Compartment Node

- For versions/markets, where provided



## ENGINE COMPARTMENT FUSES

- ❑ A second fuse box is located on the right side of the engine compartment, next to the battery; to access it press device A-fig. 106, release tabs B and remove cover C.
- ❑ The number identifying the electrical component corresponding to each fuse is on the back of the cover A (see fig. 107).



106

DVDF0S070c

### LPG versions

The LPG system components are protected by specific fuses. Contact a Fiat Dealership for replacement.



107

DVDF0S071c

Fuse	Ampere	Description
F08	30	Climate control fan
F09	15	Trailer
F10	15	Horns
F14	15	Main beam headlights
F15	20	Electric sun roof motor
F20	30	Heated rear window, mirror defrosters
F30	15	Fog lights
F85	15	Front power socket (with or without cigar lighter)

## BATTERY RECHARGING 35)

**IMPORTANT** The battery recharging procedure is given for information purposes only. You are advised to contact a Fiat Dealership to have this operation carried out.

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

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

**Versions without Start&Stop SYSTEM** (for versions/markets, where provided)

Charge the battery as follows:

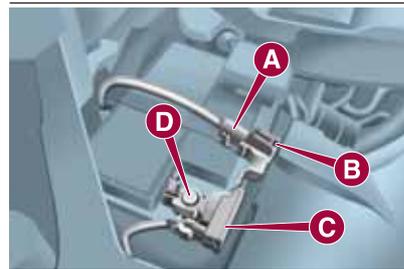
- ❑ disconnect the terminal from the negative battery pole;

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

**Versions with Start&Stop system**  
(for versions/markets where provided)

Charge the battery as follows:

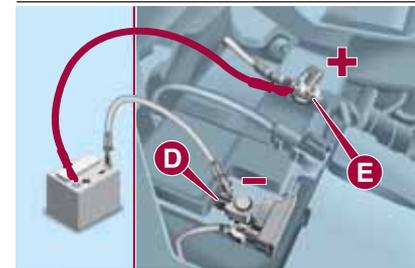
- ❑ disconnect the connector A-fig. 108 (pressing the button B) from the sensor C monitoring the battery charge status, on the negative pole D of the battery;



108

DVDF0S0127c

- ❑ connect the positive cable of the battery charger to the positive battery pole E-fig. 109 and the negative cable to the terminal of sensor D;
- ❑ switch on the charger. At the end of the charging process, switch the battery charger off;
- ❑ after having disconnected the battery charger, reconnect connector A to the sensor C as shown in fig. 108.



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DVDF0S0128c



## TOWING THE CAR



### Version with Dualogic gearbox

Make sure that the gearbox is in neutral (N) (checking that the car moves when pushed) and proceed in the same way as for towing a normal car with a manual gearbox.

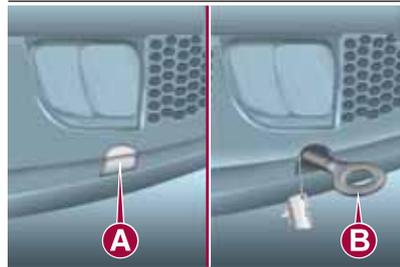
If the gearbox cannot be put in neutral, do not tow the vehicle and contact a Fiat Dealership.

## HOOKING THE TOW RING

The tow ring, which is supplied with the car, is housed in the tool box, under the mat in the luggage compartment.

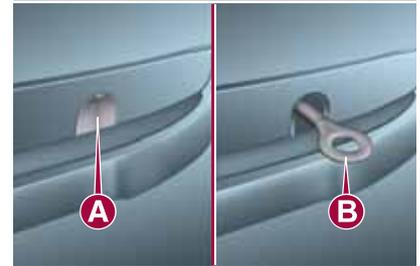
Proceed as follows:

- release the front cap A-fig. 110 or the rear cap fig. 111;
- take the tow ring B from the tool support;
- fully tighten the ring on the threaded pin.



110 - front

DVDF0S072c



111 - rear

DVDF0S073c

# MAINTENANCE AND CARE

## SCHEDULED SERVICING

Correct maintenance is essential in guaranteeing a long life for the car under the best conditions.

For this reason, Fiat has planned a series of checks and services at fixed distance intervals and, for versions/markets, where provided, at fixed time intervals, as described in the Scheduled Servicing Plan.

Regardless of the above, it is always necessary to carefully follow the instructions in the Scheduled Servicing Plan (e.g. periodically check level of liquids, tyre pressure, etc.).

Scheduled Servicing is offered by all Fiat Dealerships according to fixed time or kilometres/miles intervals.

If, during each operation, in addition to the ones scheduled, the need arises for further replacements or repairs, these may be carried out only with your explicit agreement. If your vehicle is used frequently for towing, the interval between one service operation and the next should be reduced.

## WARNINGS

The Scheduled Servicing intervals are set out by the Manufacturer. Failure to have them carried out may invalidate the warranty.

It is advisable to inform a Fiat Dealership of any small operating irregularities without waiting for the following servicing.



## SCHEDULED SERVICING PLAN 37) 18)

### PETROL/LPG VERSIONS

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

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

Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of km	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Check soft top operation while closing and opening; check of seals and lubrication of canvas sliding side guide (only cabrio versions)	●	●	●	●	●	●	●	●	●	●
Check handbrake lever travel and adjust, if necessary		●		●		●		●		●
Check and adjust clutch pedal travel (0.9 TwinAir 65 HP versions)		●		●		●		●		●
Visually inspect condition and wear of front/rear disc brake pads (for versions/markets, where provided) and operation of pad wear indicator	●	●	●	●	●	●	●	●	●	●
Visually inspect condition and wear of the rear drum brake lining	●	●	●	●	●	●	●	●	●	●
Visually inspect conditions of the accessory drive belt(s)				●						
Inspect and if necessary adjust tensioning of accessory drive belt(s) (for versions without automatic tensioner only)		●								●
Visually inspect conditions of toothed timing drive belt (0.9 TwinAir versions excluded)				●						
Check and adjust tappet clearance (1.2 8V engines)				●				●		
Check and, if necessary, top up automatic transmission electro-hydraulic control oil level (1)		●		●		●		●		●
Visually inspect condition of: LPG pipes and connectors, LPG tank fixing (LPG versions only)		●		●		●		●		●
Check fuel system operation and parameters using self-diagnosis socket (LPG versions only)		●		●		●		●		●

(1) Check to carry out every year for cars on the road in countries with particularly severe climates (cold countries)



Thousands of miles	9	18	27	36	45	54	63	72	81	90
Thousands of km	15	30	45	60	75	90	105	120	135	150
Years	1	2	3	4	5	6	7	8	9	10
Replace engine oil and oil filter (2)		●		●		●		●		●
Replace spark plugs (0.9 TwinAir 65 HP engines) (3)				●				●		
Replace spark plugs (0.9 TwinAir 85 HP - 1.2 8V - 1.4 16V) (3)		●		●		●		●		●
Replace accessory drive belt(s)										(4)
Replace toothed timing drive belt (1.2 8V and 1.4 16V engines)										(4)
Replace air cleaner cartridge (5)		●		●		●		●		●
Change the brake fluid		●		●		●		●		●
Replace filter inside the pressure regulator (LPG versions only)						●				
Replace paper filter (LPG in gaseous state) (LPG versions only)		●		●		●		●		●
Replace passenger compartment cleaner (5)	○	●	○	●	○	●	○	●	○	●

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

(3) For the 0.9 TwinAir versions, the following are essential to ensure correct operation: only use spark plugs of the same make and type which are specially certified for these engines (see the information in the “Engine” paragraph in the “Technical specifications” chapter); strictly comply with the spark plug replacement interval given in the Scheduled Servicing Plan; for spark plug replacement, it is advisable to contact a FIAT Dealership.

(4) Areas that are not dusty: advised maximum mileage 120,000 km. Regardless of the mileage, the belt must be replaced every 6 years. Dusty areas and/or demanding use (cold climates, town use, long periods of idling): advised maximum mileage 60,000 km. Regardless of the mileage, the belt must be replaced every 4 years.

(5) If the vehicle is used in dusty areas, you are advised to change this filter every 15,000 km

○ Recommended operations                      ● Mandatory operations

## DIESEL VERSIONS

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

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



Thousands of miles	12	24	36	48	60	72	84	96	108	120
Thousands of km	20	40	60	80	100	120	140	160	180	200
Years	1	2	3	4	5	6	7	8	9	10
Check soft top operation while closing and opening; check of seals and lubrication of canvas sliding side guide (only cabrio versions)	●	●	●	●	●	●	●	●	●	●
Check handbrake lever travel and adjust, if necessary		●		●		●		●		●
Visually inspect condition and wear of front/rear disc brake pads (for versions/markets, where provided) and operation of pad wear indicator	●	●	●	●	●	●	●	●	●	●
Visually inspect condition and wear of the rear drum brake lining	●	●	●	●	●	●	●	●	●	●
Inspect and if necessary adjust tensioning of accessory drive belt(s) (for versions without automatic tensioner only)		●						●		
Visually inspect conditions of the accessory drive belt(s)				●						
Replace engine oil and oil filter						(1)				
Replace accessory drive belt(s)						(2)				

(1) The actual interval for changing engine oil and replacing the engine oil filter depends on the vehicle usage conditions and is signalled by the warning light or message in the instrument panel. Anyway, it must never exceed 2 years. If the car is mainly used on urban routes, change the engine oil and filter every year.

(2) Areas that are not dusty: advised maximum mileage 120,000 km. Regardless of the mileage, the belt must be replaced every 6 years. Dusty areas and/or demanding use of the car (cold climates, town use, long periods of idling): advised maximum mileage 60,000 km. Regardless of the mileage, the belt must be replaced every 4 years.

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

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

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

○ Recommended operations

● Mandatory operations



## PERIODIC CHECKS



Every 1,000 km or before long journeys, check and, if necessary, restore:

- engine coolant fluid 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 windscreen washer/wiper system and positioning/wear of windscreen/rear window wiper blades.

Every 3,000 km check and top up if required: engine oil level.

You are advised to use PETRONAS LUBRICANTS products, which have been designed and produced specifically for Fiat cars (see table “Capacities” in the “Technical specifications” section).

## DEMANDING USE OF THE CAR

Should the prevailing use of the car be under one of the following specially demanding conditions:

- trailer or caravan towing;
- 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;

perform the following inspections more frequently than shown on the Scheduled Servicing Plan:

- check front disc brake pad conditions and wear;
- check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage;

- visually inspect condition of: engine, gearbox, transmission, pipes and hoses (exhaust - fuel system - brakes) and rubber elements (gaiters - sleeves - bushes - etc.);
- check battery charge and fluid level (electrolyte);
- visually inspect the condition of the accessory drive belts;
- check and, if necessary, change engine oil and replace oil filter;
- check pollen filter and replace, if required;
- check and, if necessary, replace air cleaner.

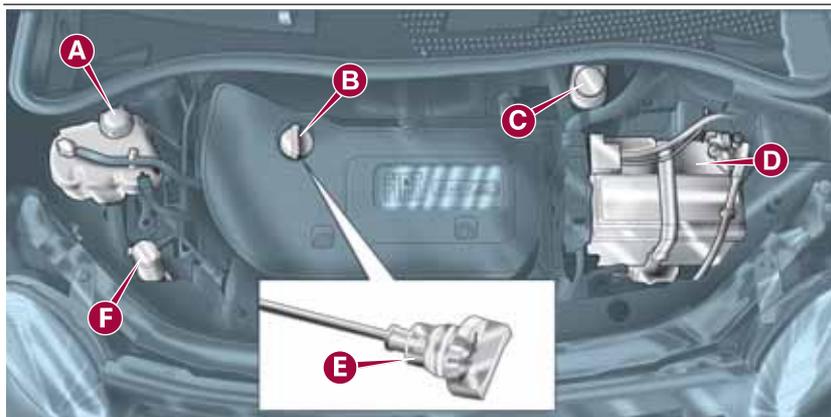
## ENGINE COMPARTMENTS



### 0.9 TWINAIR 60 HP\*, 65 HP

- A. Engine coolant
- B. Engine oil cap/filler
- C. Brake fluid
- D. Battery
- E. Engine oil dipstick
- F. Windscreen washer fluid

\* For versions/markets where provided



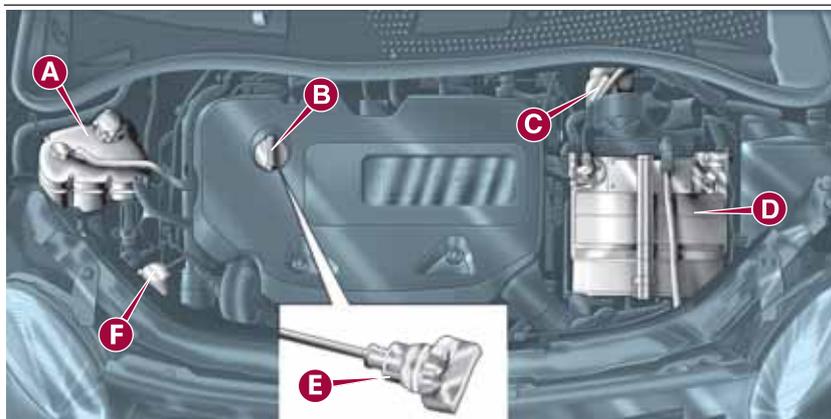
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### 0.9 TWINAIR 80 HP\*, 85 HP - 105 HP

- A. Engine coolant
- B. Engine oil cap/filler
- C. Brake fluid
- D. Battery
- E. Engine oil dipstick
- F. Windscreen washer fluid

\* For versions/markets where provided



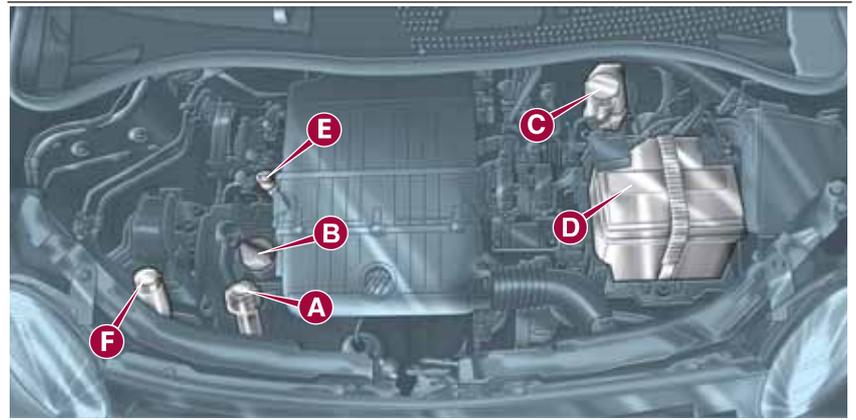
113

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**1.2 8V 69 HP**

- A. Engine coolant
- B. Engine oil cap/filler
- C. Brake fluid
- D. Battery
- E. Engine oil dipstick
- F. Windscreen washer fluid

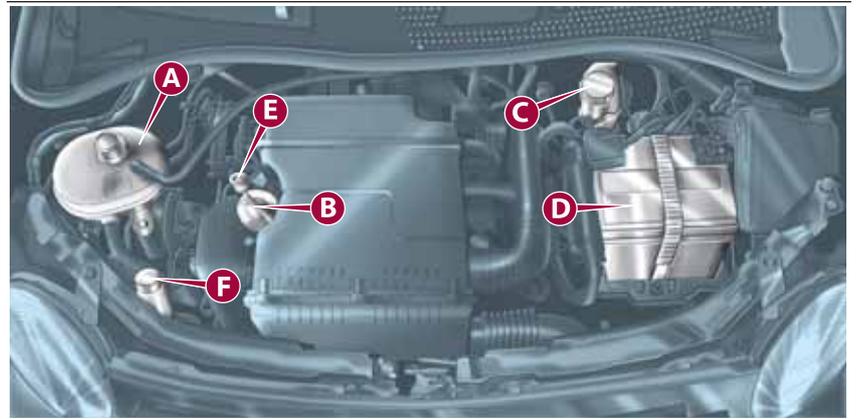


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DVDF0S076c

**1.4 16V 100 HP\***

- A. Engine coolant
- B. Engine oil cap/filler
- C. Brake fluid
- D. Battery
- E. Engine oil dipstick
- F. Windscreen washer fluid



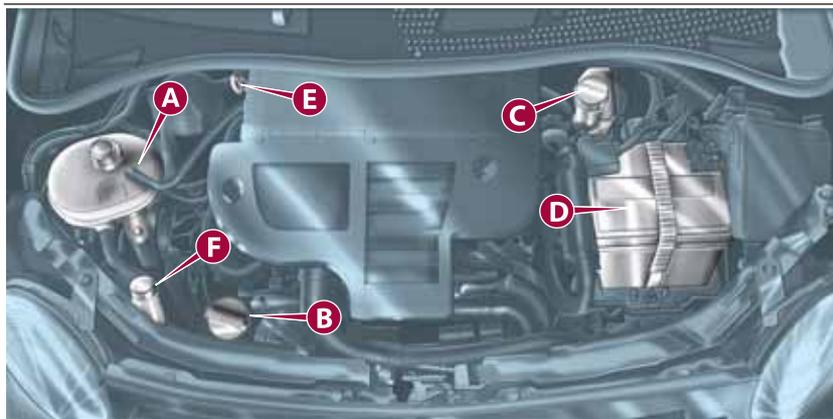
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\* For versions/markets where provided

### 1.3 MULTIJET 75 HP

- A. Engine coolant
- B. Engine oil cap/filler
- C. Brake fluid
- D. Battery
- E. Engine oil dipstick
- F. Windscreen washer fluid

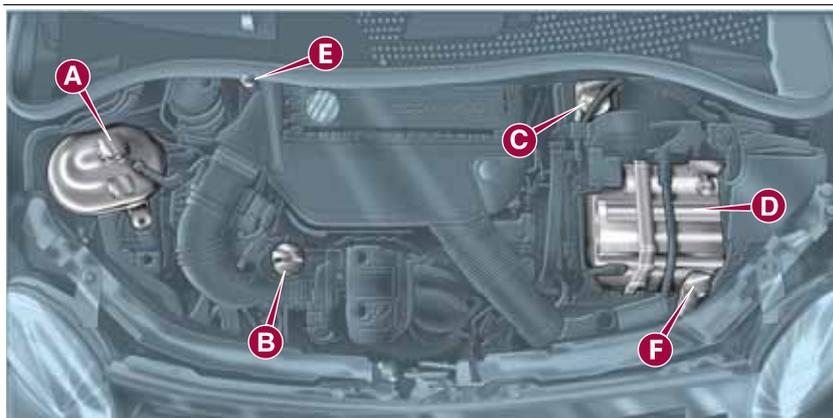


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### 1.3 MULTIJET 95 HP

- A. Engine coolant
- B. Engine oil cap/filler
- C. Brake fluid
- D. Battery
- E. Engine oil dipstick
- F. Windscreen washer fluid



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## CHECKING LEVELS



### ENGINE OIL (37) (19), (23) (4)

Check the oil level a few minutes (about 5) after the engine has stopped, with the vehicle parked on level ground.

The oil level should be between the MIN and MAX marks on the dipstick.

#### NOTE

The 0.9 TwinAir 60 HP\*, 65 HP, 80 HP\*, 85 HP and 105 HP versions have the dipstick integrated in the engine oil plug.

- The range between the MIN and MAX marks corresponds to about 1 litre of oil.
- If the level of the oil is close to or below the MIN mark, add oil via the filler until the MAX mark is reached.
- The oil level should never exceed the MAX mark.
- The maximum engine oil consumption is approx. 400 grams every 1,000 km.

\* For versions/markets where provided

### ENGINE COOLANT (37) (19), (20)

The coolant level must be checked when the engine is cold and must be between the MIN and MAX marks on the reservoir.

A 50-50 mixture of PARAFLO<sup>UP</sup> and distilled water gives freeze protection up to -35°C.

When the vehicle is used in particularly harsh weather conditions, a mixture of 60% PARAFLO<sup>UP</sup> and 40% distilled water is recommended.

### WINDSCREEN/ REAR WINDOW WASHER FLUID (37) (19)

Use a mixture of water and TUTELA PROFESSIONAL SC35 fluid, in the following concentrations:

- 30% TUTELA PROFESSIONAL SC35 and 70% water in summer.
- 50% TUTELA PROFESSIONAL SC35 and 50% water in winter.

### BRAKE FLUID (37) (19)

The fluid level in the reservoir must not exceed the MAX mark.

IMPORTANT brake fluid absorbs moisture. For this reason, if the car 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 “Scheduled Servicing Plan”.

## BATTERY 18) 37) 21) 4)

The car is fitted with a low-maintenance battery: no electrolyte top-ups with distilled water are needed in standard conditions of use.

### INSPECTING THE CHARGE AND THE ELECTROLYTE LEVEL

The operations must be carried out as described in this Owner Handbook only by specialised personnel. Any top-up operations must be carried out only by specialised personnel at a Fiat Dealership.

### 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.

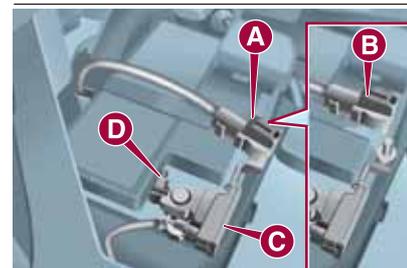
### CAR INACTIVITY (CARS EQUIPPED WITH START&STOP SYSTEM)

In the event of car inactivity (or if the battery is replaced), special attention must be paid to the disconnection of the battery electrical system.

Proceed as follows: detach connector A fig. 118 (by pressing button B) from sensor C for monitoring the charge status of the battery installed on the negative battery pole D.

This sensor should never be disconnected from the battery pole except if the battery is replaced.

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



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DVDF0S0157C



## WHEELS AND TYRES 38)

Check the pressure of each tyre, including the space-saver 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 car is used; for the correct tyre inflation pressure, see "Wheels" in the "Technical specifications" chapter.

Incorrect pressure causes abnormal tyre wear fig. 119:

A normal pressure: tread evenly worn.

B low pressure: tread particularly worn at the edges.

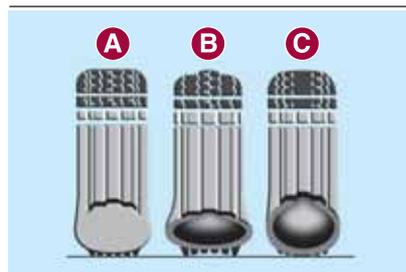
C high pressure: tread particularly worn in the centre.

The tyres must be replaced when the tread comes to 1.6 mm thick. In any case, follow the laws in force in the country you are in.

### WARNINGS

- Avoid braking suddenly, burning starts and violent knocks against the curb, potholes or other obstacles if possible. 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 tread wear. Contact 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 side walls are a sign of ageing. In any event, have the tyres checked by specialised personnel if they have been fitted for longer than 6 years. Remember to check the space-saver wheel very carefully;
- In the case of replacement, always fit new tyres, avoiding those with an unknown origin;

- if a tyre is replaced, also replace 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 car so as not to reverse the direction of rotation.



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## WINDSCREEN WIPERS REAR WINDOW WIPER



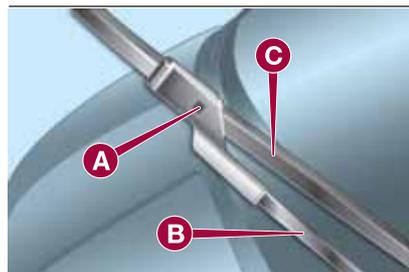
Replace the blades if the rubber edge is deformed or worn.

In any case, it is advisable to replace them approximately once a year.

### 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 the button A-fig. 120 and extract the blade C from the arm B;
- insert the new blade making sure it is locked into place.



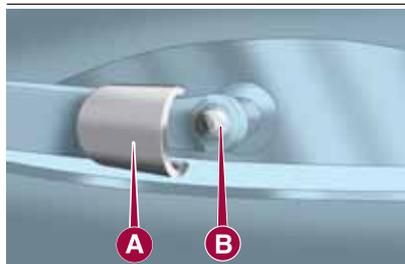
120

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### REPLACING THE REAR WINDOW WIPER BLADE

Proceed as follows:

- raise cover A-fig. 121 and remove the arm from the car undoing the nut B that fastens it to the pivot pin;
- position the new arm correctly and tighten the nut fully;
- lower the cover.



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### WINDSCREEN WASHER JETS

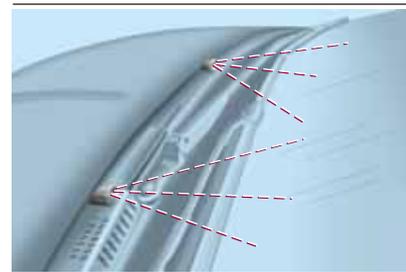
If the jet is not coming out, firstly check that there is fluid in the reservoir (see “Checking levels” in this chapter).

Then check that the nozzle holes are not clogged; use a needle to unblock them if necessary.

The windscreen jets are directed by adjusting the angle of the nozzles.

The jets should be directed at about one third of the height from the top edge of the windscreen fig. 122.

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



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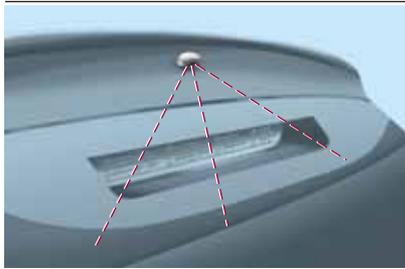
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## REAR WINDOW WASHER JETS

The rear window washer nozzles are fixed.

The nozzle holder is located above the rear window fig. 123.



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## BODYWORK



### ADVICE FOR PRESERVING THE BODYWORK

#### Paintwork

Paintwork does not only serve an aesthetic purpose, but also protects the underlying sheet metal. Normal maintenance of paintwork consists in washing the car: the frequency depends on the conditions and environment where the car is used. For example, in highly polluted areas, or if the roads are spread with salt, it is advisable to wash the car more frequently.

**IMPORTANT** Bird droppings should be washed off immediately and thoroughly as the acid they contain is particularly aggressive.

#### Versions with matt paintwork

These versions have exclusive matt paintwork which requires special care for its preservation. The instructions for good preservation follow below:

- avoid washing with rollers and/or brushes in washing stations. Then, wash the car, only by hand, using pH-neutral detergents; dry it with a wet chamois leather. Abrasive products and/or polishes should not be used for cleaning the car.
  - Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.
  - Avoid (if at all possible) parking the car under trees; remove vegetable resins immediately as, when dried, it may only be possible to remove them with abrasive products and/or polishes, which is highly inadvisable as they could alter the typical opacity of the paint.
  - Do not use pure windscreen washer fluid for cleaning the windscreen and the rear window; dilute it min. 50% with water.
- Some versions are fitted with exclusive decorations on the door mirror covers; do not use pressurised or high-temperature jets of water when washing them.

# TECHNICAL DATA

## IDENTIFICATION DATA



### VIN PLATE

It is located on the left side of the rear part of the luggage compartment floor and it bears the following identification data (fig. 124):

- B Type-approval number.
- C Vehicle type identification code.
- D Chassis number.
- E Maximum permitted weight of vehicle fully laden.

- F Maximum permitted weight of vehicle fully laden plus trailer.
- G Maximum authorised weight on first axle (front).
- H Maximum authorised weight on second axle (rear).
- I Engine type.
- L Bodywork version code.
- M Spare part number.
- N Correct smoke opacity index (for diesel engines).



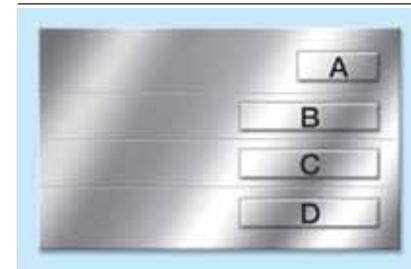
124

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## BODY PAINTWORK IDENTIFICATION PLATE

This can be found on the luggage compartment tailgate external C post (left-hand side) and it bears the following information (fig. 125):

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



125

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## CHASSIS MARKING

It is located on the right side of the rear part of the luggage compartment floor and it bears the following identification data (fig. 126):

- vehicle type;
- chassis number.



126

DVDF0S0135c

## ENGINE MARKING

Engine marking is stamped on the cylinder block and includes the model and the chassis serial number.

## ENGINE

GRENERAL INFORMATION	0.9TwinAir 65HP	0.9TwinAir 85HP	0.9TwinAir 105HP	
<b>Engine code</b>	312A4000	312A2000	199B6000	
<b>Cycle</b>	Otto	Otto	Otto	
<b>Number and position of cylinders</b>	2 in line	2 in line	2 in line	
<b>Piston bore and stroke (mm)</b>	83.5 x 88	80.5 x 86.0	80.5 x 86.0	
<b>Total displacement (cm<sup>3</sup>)</b>	964	875	875	
<b>Compression ratio</b>	11,1 : 1	10 ± 02 : 1	10 ± 02 : 1	
<b>Maximum power (EC) (kW)</b>	48	62,5	77 (*)	72 (**)
<b>Maximum power (EC) (HP)</b>	65	85	105 (*)	98 (**)
<b>corresponding engine speed (rpm)</b>	6250	5500	5500 (*)	5500 (**)
<b>Maximum torque (EC) (Nm)</b>	88	145	145 (*)	120 (**)
<b>Maximum torque (EC) (kgm)</b>	8,9	14,8	14,8 (*)	12,2 (**)
<b>corresponding engine speed (rpm)</b>	3500	1900	2000 (*)	1750 (**)
<b>Spark plugs</b>	NGK LKR7DI-12	NGK LKR9EI-8	NGK ILKR9G8	
<b>Fuel</b>	Unleaded petrol 95 RON (EN 228 Specification)		Unleaded petrol 95 RON (EN 228 Specification)	

(\*) SPORT mode  
(\*\*) NORMAL mode



GRENERAL INFORMATION	0.9TwinAir 60HP (*)	0.9TwinAir 80HP (*)
<b>Engine code</b>	312A6000	312A5000
<b>Cycle</b>	Otto	Otto
<b>Number and position of cylinders</b>	2 in line	2 in line
<b>Piston bore and stroke (mm)</b>	83.5 x 88	83.5 x 88
<b>Total displacement (cm<sup>3</sup>)</b>	964	875
<b>Compression ratio</b>	11.1 : 1	10 ± 02 : 1
<b>Maximum power (EC) (kW)</b>	44	59
<b>Maximum power (EC) (HP)</b>	60	80
<b>corresponding engine speed (rpm)</b>	6250	5500
<b>Maximum torque (EC) (Nm)</b>	88	145
<b>Maximum torque (EC) (kgm)</b>	8.9	14.8
<b>corresponding engine speed (rpm)</b>	3500	1900
<b>Spark plugs</b>	NGK T20182U	NGK LKR9CI-8 or NGK PLKR9C8
<b>Fuel</b>	Unleaded petrol 95 RON EN 228 Specification)	Unleaded petrol 95 RON EN 228 Specification)

(\*) For versions/markets, where provided

GRENERAL INFORMATION	1.2 8V 69HP LPG	1.2 8V 69HP	1.4 16V 100HP (*)
<b>Engine code</b>	169A4000	169A4000	169A3000
<b>Cycle</b>	Otto	Otto	Otto
<b>Number and position of cylinders</b>	4 in line	4 in line	4 in line
<b>Piston bore and stroke (mm)</b>	70.8 x 78.86	70.8 x 78.86	72 x 84
<b>Total displacement (cm<sup>3</sup>)</b>	1242	1242	1368
<b>Compression ratio</b>	11.1 : 1	11.1 : 1	10.8 : 1
<b>Maximum power (EC) (kW)</b>	51	51	73.5
<b>Maximum power (EC) (HP)</b>	69	69	100
<b>corresponding engine speed (rpm)</b>	5500	5500	6000
<b>Maximum torque (EC) (Nm)</b>	102	102	131
<b>Maximum torque (EC) (kgm)</b>	10.4	10.4	13.4
<b>corresponding engine speed (rpm)</b>	3000	3000	4250
<b>Spark plugs</b>	NGK ZKR7AI-8	NGK ZKR7A-10 Champion RA8MC x 4	NGK DCPR7EN-10
<b>Fuel</b>	LPG	Unleaded petrol 95 RON (EN 228 Specification)	Unleaded petrol 95 RON (EN 228 Specification)

(\*) For versions/markets, where provided



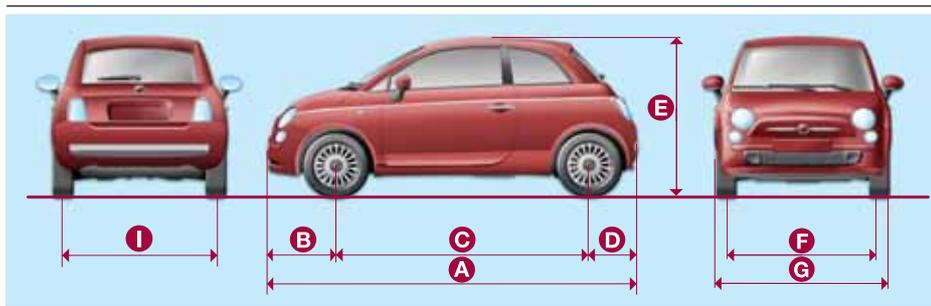
GRENERAL INFORMATION	1.3 16V Multijet 75HP	1.3 16V Multijet 95HP
<b>Engine code</b>	169A1000	199B1000
<b>Cycle</b>	Diesel	Diesel
<b>Number and position of cylinders</b>	4 in line	4 in line
<b>Piston bore and stroke (mm)</b>	69.6 x 82	69.6 x 82
<b>Total displacement (cm<sup>3</sup>)</b>	1248	1248
<b>Compression ratio</b>	17.6 : 1	16.8 : 1
<b>Maximum power (EC) (kW)</b>	55	70
<b>Maximum power (EC) (HP)</b>	75	95
<b>corresponding engine speed (rpm)</b>	4000	4000
<b>Maximum torque (EC) (Nm)</b>	145	200
<b>Maximum torque (EC) (kgm)</b>	14.8	20.4
<b>corresponding engine speed (rpm)</b>	1500	1500
<b>Fuel</b>	Diesel for motor vehicles (EN590 specification)	Diesel for motor vehicles (EN590 specification)

(\*) For versions/markets, where provided

## DIMENSIONI

Dimensions are expressed in mm fig. 127 and refer to the car equipped with its original tyres.

Height is measured with car unladen.



127

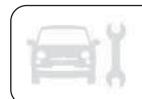
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Versions	A	B	C	D	E	F	G	I
<b>0.9 TwinAir 60 HP* - 65 HP</b>	3546	703	2300	543	1488 ●	1413 1414 ▲	1627	1407 1048 ▲
<b>0.9 TwinAir 80 HP* - 85 HP - 105 HP</b>	3546	703	2300	543	1488 ●	1413 1414 ▲	1627	1407 1048 ▲
<b>1.2 8V 69 HP</b>	3546	703	2300	543	1488 ●	1413	1627	1407
<b>1.4 16V 100 HP*</b>	3546	703	2300	543	1488 ●	1413 1414 ▲	1627	1408
<b>1.3 Multijet 75 HP - 95 HP</b>	3546	703	2300	543	1488 ●	1413	1627	1407

● Small variations in size are possible depending on the dimensions of the rims.

▲ With 195/45 R16 tyres

\* For versions/markets, where provided



**WHEELS**  (29), (31), (38), (41)  (12)**RIMS AND TYRES**

WARNING In the event of discrepancies between the information provided in the “Owner Handbook” and the “Vehicle registration document”, only the latter is valid. Comply with the prescribed size to ensure safety of the car in movement. Fit tyres of the same make and type on all wheels.

WARNING Do not use air chambers in the case of tubeless tyres.

**WHEEL GEOMETRY**

Total front toe in

0.5 ± 1 mm

The values refer to the vehicle in running order

Versions	Rims	Tyres provided	Snow tyres	Space-saver wheel ●	
				Rim	Tyre
<b>0.9 TwinAir 60HP*</b>	5½Jx14H2-ET35	165/65 R 14 79 T	165/65 R 14 79Q (M+S)		
	5½Jx14H2-ET35	175/65 R 14 82T	175/65 R 14 82Q (M+S)		
	6Jx15H2-ET35/40 ▲	185/55 R15 82T ■	185/55 R15 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84M
	6½Jx16H2-ET35 ▲	195/45 R 16 84T ■	195/45 R 16 84Q (M+S)		
<b>0.9 TwinAir 65HP</b>	5½Jx14H2-ET35	175/65 R 14 82 T	175/65 R 14 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84M
<b>0.9 TwinAir 80HP*</b>	6Jx15H2-ET35/40 ▲	185/55 R15 82T ■	185/55 R15 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84P
<b>0.9 TwinAir 85HP</b>	6½Jx16H2-ET35 ▲	195/45 R 16 84T ■	195/45 R 16 84Q (M+S)	4.00Bx14 ET43	135x80 R14 80P
<b>0.9 TwinAir 105HP</b>	6Jx15H2-ET35/40 ▲	185/55 R15 82H ■	185/55 R15 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84P
	6½Jx16H2-ET35 ▲	195/45 R16 84H ■	195/45 R16 84Q (M+S)	4.00Bx14 ET43	135x80 B14 84M

● \* For versions/markets, where provided

▲ Alloy rim

■ No chains can be fitted

Versions	Rims	Tyres provided	Snow tyres	Space-saver wheel ●	
				Rim	Tyre
<b>1.2 8V 69HP</b>	5½Jx14H2-ET35 □	165/65 R14 79T □	165/65 R14 79Q (M+S) □		
	5½Jx14H2-ET35	175/65 R14 82T	175/65 R14 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84P
	6½Jx15H2-ET35/40 ▲	185/55 R15 82T ■	185/55 R15 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84M
	6½Jx16H2-ET35 ▲	195/45 R16 84T ■	195/45 R16 84Q (M+S)	4.00Bx14 ET43	135x80 B14 84M
<b>1.4 16V 100HP ●</b>	5½Jx14H2-ET35	175/65 R14 82H	175/65 R14 82Q (M+S)		
	6Jx15H2-ET35/40 ▲	185/55 R15 82H ■	185/55 R15 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84P
	6Jx15H2-ET40	185/55 R15 82H ■	185/55 R15 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84M
	6½Jx16H2-ET35 ▲	195/45 R16 84H ■	195/45 R16 84Q (M+S)	4.00Bx14 ET43	135x80 B14 84M
<b>1.3 16V Multijet 75HP</b>	5½Jx14H2-ET35	175/65 R14 82H	175/65 R14 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84P
	6Jx15H2-ET35/40 ▲	185/55 R15 82H ■	185/55 R15 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84M
	6½Jx16H2-ET35 ▲	195/45 R16 84H ■	195/45 R16 84Q (M+S)	4.00Bx14 ET43	135x80 B14 84M
<b>1.3 16V Multijet 95HP</b>	5½Jx14H2-ET35	175/65 R14 82T	175/65 R14 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84P
	6Jx15H2-ET35 ▲	185/55 R15 82T ■	185/55 R15 82Q (M+S)	4.00Bx14 ET43	135x80 R14 84M
	6½Jx16H2-ET35 ▲	195/45 R16 84T ■	195/45 R16 84Q (M+S)	4.00Bx14 ET43	135x80 B14 84M

- For versions/markets, where provided
- For versions without electric steering

▲ Alloy rim

■ No chains can be fitted



## TYRE INFLATION PRESSURES (32), (38)

When the tyres are warm, the inflation pressure should be +0.3 bar compared with the prescribed value. Check again the tyre pressure on a cold tyre.

Tyres	Medium load (bar)		Full load (bar)		Space-saver wheel  (bar)
	front	rear	front	rear	
165/65 R14 79T	2,0	2,0	2,2	2,2	
175/65 R14 82T	2,0 ▲ / 2,2 ■	2,0	2,2 ▲ / 2,3 ■	2,2	
175/65 R14 82H	2,2	2,0	2,3	2,2	
185/55 R15 82T	2,2	2,1	2,3	2,3	2,8
185/55 R15 82H	2,2	2,1	2,3	2,3	
195/45 R16 84T	2,2	2,1	2,4	2,3	
195/45 R16 84H	2,2	2,1	2,4	2,3	

(●) For versions/markets, where provided

▲ For 1.2 8V versions

■ For 0.9 TwinAir 60 HP, 65 HP, 80 HP, 85 HP and 1.3 MultiJet versions

## SNOW CHAINS 12)

The use of snow chains should be in compliance with local regulations of each country. Snow chains can be fitted to the tyres of the front wheels (drive wheels) only. Check the tension of the snow chains after the first few metres have been driven.

**IMPORTANT** Snow chains cannot be fitted to the space-saver wheel. If a front tyre is punctured, replace a rear wheel with the space-saver wheel and move the rear wheel to the front axle. In this way, with two normal drive wheels at the front, snow chains can be fitted.

## SNOW TYRES 29)

Use snow tyres of the same size as the normal tyres provided with the car.

All four tyres should be the same (brand and track) to ensure greater safety when driving and braking and better driveability.

Remember that you should not change the rotation direction of the tyres.

The performance of these tyres is considerably reduced when the tread thickness is less than 4 mm.

Replace them in this case.

Due to the specific characteristics of snow tyres, in normal weather conditions or on long motorway journeys, the performance of these tyres is lower than that of standard tyres.

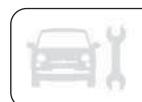
Their usage should therefore be restricted in accordance with their type approval.

**IMPORTANT** When using snow tyres with a maximum speed index below the one that can be reached by the car (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).

## STEERING

Versions	Turning circle (m)	Type
<b>0.9 TwinAir 65HP - 60HP*</b>	9,3	Rack and pinion with electric power steering
<b>0.9 TwinAir 85HP - 80HP*</b>	9,3	
<b>0.9 TwinAir 105HP</b>	9,3	
<b>1.2 8V 69HP</b>	9,3	
<b>1.4 16V 100HP*</b>	10,8	
<b>1.3 16V Multijet 75HP</b>	9,3	
<b>1.3 16V Multijet 95HP</b>	10,8	

\* For versions/markets, where provided



## PERFORMANCE

Max. speed in km/h that can be reached after initial car use.

Versions	km/h
<b>0.9 TwinAir 60 HP*</b>	157 (in fourth speed)
<b>0.9 TwinAir 65 HP</b>	159 (in fourth speed)
<b>0.9 TwinAir 80 HP*</b>	171
<b>0.9 TwinAir 85 HP</b>	173
<b>0.9 TwinAir 105 HP</b>	188
<b>1.2 8V 69 HP</b>	160
<b>1.4 16V 100 HP*</b>	182
<b>1.3 16V MultiJet 75 HP</b>	165
<b>1.3 16V MultiJet 95 HP</b>	180

\* For versions/markets, where provided

# WEIGHTS 12) 13)

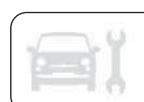
Weights (kg)	0.9 TwinAir 60 HP* - 65 HP		0.9 TwinAir 80 HP* - 85 HP		0.9 TwinAir 105 HP		1.2 8V 69 HP	
								
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment):	865	905	930/940 ■	970/980 ■	940	980	865/900 ■	905/940 ■
Payload ● including the driver:	440	415	440	415	440	415	440	415
Maximum permitted loads ▲								
– front axle:	770	770	830	830	830	830	770	770
– rear axle:	640	640	640	640	640	640	640	640
– total:	1305	1320	1370/1380 ■	1385/1395 ■	1380	1395	1305/1340 ■	1320/1355 ■
Towable loads								
with braked trailer:	800	800	800	800	800	800	800	800
non-braked trailer:	400	400	400	400	400	400	400	400
Maximum load on the ball joint with braked trailer:	60	60	60	60	60	60	60	60

● If special equipment is fitted (sun roof, tow hitch, etc.) the unladen car weight increases, thus reducing the specified payload with respect to the maximum permitted load.

▲ Loads not to be exceeded. The driver is responsible for arranging goods in the luggage compartment and/or on the load platform within the maximum permitted loads.

■ Dualogic versions.

\* For versions/markets, where provided



Weights (kg)	1.4 16V 100 HP*		1.3 16V Multijet 75 HP		1.3 16V Multijet 95 HP	
						
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment):	930/940 ■	970/980 ■	980	1020	980	1020
Payload ● including the driver:	440	415	440	415	440	415
Maximum permitted loads ▲						
– front axle:	830	830	830	830	830	830
– rear axle:	640	640	640	640	640	640
– total:	1370/1380 ■	1385/1395 ■	1420	1435	1420	1435
Towable loads						
with braked trailer:	800	800	800	800	800	800
non-braked trailer:	400	400	400	400	400	400
Maximum load on the ball joint with braked trailer:	60	60	60	60	60	60

● If special equipment is fitted (sun roof, tow hitch, etc.) the unladen car weight increases, thus reducing the specified payload with respect to the maximum permitted load.

▲ Loads not to be exceeded. The driver is responsible for arranging goods in the luggage compartment and/or on the load platform within the maximum permitted loads.

■ Dualogic versions.

\* For versions/markets, where provided

# CAPACITIES (20), (37) (8), (19) (4)

Petrol versions	0.9 TwinAir 60 HP* 65 HP	0.9 TwinAir 80 HP* 85 HP 105 HP	1.2 8V 69 HP	1.4 16V 100 HP*	Recommended fuels and original lubricants
Fuel tank (litres):	35	35	35	35	Unleaded petrol not less than 95 R.O.N. (EN 228 specification)
Including a reserve of (litres):	5	5	5	5	
Cooling system Engine (litres):	5.2	5.3	4.85	4.4	Mixture of 50% distilled water and 50% PARAFLU <sup>UP</sup> (**)
Engine sump (litres):	2.8 ●	2.8 ●	2.5 ■	2.75 ■	SELENIA K P.E. ■
Engine sump and filter (litres):	3.2 ●	3.2 ●	2.8 ■	2.90 ■	SELENIA DIGITEK P.E. ●
Gearbox differential/casing (litres):	1.65	1.65	1.65▲	1.65	TUTELA TRANSMISSION TECHNYX ▲ TUTELA GEAR FORCE
Dualogic gearbox hydraulic activation system (litres/kg):	–	0.7/0.59	0.7/0.59	0.7/0.59	TUTELA CAR CS SPEED Special oil with ATF DEXRON III type additive
Hydraulic brake circuit (kg):	0.55	0.55	0.55	0.55	TUTELA TOP 4
Hydraulic clutch controls (RH drive versions):	–	–	0.100	0.100	
Windscreen and rear window washer fluid reservoir (litres):	2.5	2.5	2.5	2.5	Mixture of water and TUTELA PROFESSIONAL SC35

\* For versions/markets, where provided

\*\* When the vehicle is used in particularly harsh weather conditions, we recommend using a 60-40 mixture of PARAFLU<sup>UP</sup> and distilled water.



## LPG versions

Maximum refuelling capacity (reserve included): 30.5 litres of LPG

The value already takes into account the 80% filling limit of the tank and the residual fluid necessary for the priming and is the maximum permitted refilling. In addition, after different refuelling processes, this figure could vary due to differences between the network pump supply pressures, pumps having different supply/locking features, tank not completely run out of fuel.

Diesel versions	1.3 16V Multijet 75 HP	1.3 16V Multijet 95 HP	Recommended fuels and original lubricants
Fuel tank (litres):	35	35	Diesel fuel for motor vehicles (EN590 specifications)
Including a reserve of (litres):	5	5	
Cooling system Engine (litres):	6.3	6.3	Mixture of 50% distilled water and 50% PARAFLU <sup>UP</sup> ▲
Engine sump (litres):	2.8	2.8	SELENIA WR P.E.
Engine sump and filter (litres):	3.0	3.0	
Gearbox differential/casing (litres):	1.65	1.65	TUTELA TRANSMISSION TECHNIX
Hydraulic brake circuit (kg):	0.55	0.55	TUTELA TOP 4
Hydraulic clutch controls (RH drive versions):	0.120	–	
Hydraulic clutch controls (RH drive versions):	2.5	2.,5	Mixture of water and TUTELA PROFESSIONAL SC35

▲ When the vehicle is used in particularly harsh weather conditions, a mixture of 60% PARAFLU<sup>UP</sup> and 40% distilled water is recommended.

# FLUIDS AND LUBRICANTS 37) 19) 4)

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

## PRODUCT SPECIFICATIONS

Use	Fluid and lubricant features for correct car operation	Original fluids and lubricants	Replacement interval
Lubricants for 1.2 8V 69 HP and 1.4 16V 100 HP* petrol engines	for radiatorsSAE 5W-40 ACEA C3 grade totally synthetic lubricant. FIAT 9.55535-S2 classification.	SELENIA K P.E. Contractual Technical Reference No. F603.C07	According to Scheduled Servicing Plan
Lubricants for 0.9 TwinAir 60 HP*, 65 HP, 80 HP*, 85 HP and 105 HP petrol engines	SAE 0W-30 ACEA C2 grade totally synthetic lubricant. FIAT 9.55535-GS1 classification.	SELENIA DIGITEK P.E. Contractual Technical Reference No. F020.B12	According to Scheduled Servicing Plan
Lubricants for diesel engines	SAE 5W-30 ACEA C2 grade totally synthetic lubricant. FIAT 9.55535-S1 classification.	SELENIA WR P.E. Contractual Technical Reference No. F510.D07	According to Scheduled Servicing Plan
Lubricants for petrol/LPG engines	SAE 5W-40 ACEA C3 grade totally synthetic lubricant. FIAT 9.55535-T2 classification.	SELENIA MULTIPOWER GAS 5W-40 Contractual Technical Reference No. F922.E09	According to Scheduled Servicing Plan
Protective agent	Red protective agent with antifreeze action, based on inhibited monoethylene glycol with organic formula. Exceeds CUNA NC 956-16, ASTM D 3306 specifications. FIAT 9.55523 classification.	PARAFLU <sup>UP</sup> ● Contractual Technical Reference No. F101.M01	Cooling circuit usage percentage: 50% water 50% PARAFLU <sup>UP</sup> ▲

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

● 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 60-40 mixture of PARAFLU<sup>UP</sup> and distilled water.

\* For versions/markets, where provided



Use	Fluid and lubricant features for correct car operation	Genuine fluids and lubricants	Application
Lubricants and greases for drive transmission	SAE 75W-85 grade synthetic-base lubricant. FIAT 9.55550-MX3 classification.	TUTELA CAR TECHNYX Contractual Technical Reference No. F010.B05	Manual gearbox and differential
	SAE 75W grade synthetic base lubricant. FIAT 9.55550-MZ6 classification.	TUTELA TRANSMISSION GEARFORCE Contractual Technical Reference No. F002.F10 (1.2 8V versions)	
	Special fluid for electrohydraulic ratio selector actuators FIAT 9.55550-SA1 classification	TUTELA CS SPEED Contractual Technical Reference No. F005.F98	Lubricant for electro-hydraulic actuator
	Molybdenum disulphide grease, for use at high temperatures. FIAT 9.55580 classification. Consistency NL.G.I. 1-2.	TUTELA ALL STAR Contractual Technical Reference No. F702.G07	Wheel side constant velocity joints
	Grease for constant velocity joints with low friction coefficient. FIAT 9.55580 classification. NL.G.I. 0-1 consistency.	TUTELA STAR 700 Contractual Technical Reference No. F701.C07	Differential side constant-velocity joints (1.4 16V 100 HP versions excluded*)
	Polyurea synthetic-based grease suitable for high temperatures. FIAT 9.55580 classification. Consistency NL.G.I. 2.	TUTELA STAR 325 Contractual Technical Reference No. F301.D03	Differential side constant-velocity joints (1.4 16V 100 HP versions*)
Brake fluid	Synthetic fluid F.M.V.S.S. no. 116 DOT 4, ISO 4925 SAE J1704, CUNA NC 956- 01. FIAT 9.55597 classification.	TUTELA TOP 4 Contractual Technical Reference No. F001.A93	Hydraulic brakes and hydraulic clutch controls
Diesel additive	Additive for diesel antifreeze, protecting diesel engines.	TUTELA DIESEL ART - Contractual Technical Reference No. F601.L06	To be mixed with diesel 25 cc per 10 litres
Windscreen/rear window washer fluid	Mixture of alcohol, water and surfactants CUNA NC 956-II. FIAT 9.55522 classification.	TUTELA PROFESSIONAL SC35 Contractual Technical Reference No. F201.D02	To be used diluted or undiluted in windscreen/rear window washer/wiper systems

## FUEL CONSUMPTION - CO<sub>2</sub> EMISSIONS

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

### CO<sub>2</sub> EMISSIONS AND CONSUMPTION ACCORDING TO THE EUROPEAN DIRECTIVE IN FORCE

Versions	Urban litres/100 km	Extraurban litres/100 km	Combined litres/100 km	CO <sub>2</sub> emissions (g/km)
0.9 TwinAir 60 HP Start&Stop*	4.6	3.4	3.8	88
0.9 TwinAir 65 HP	5.2 / 5.1 ●	3.6 / 3.5 ●	4.2 / 4.1 ●	97 / 95 ●
0.9 TwinAir 80 HP Start&Stop*	4.5	3.4	3.8	88
0.9 TwinAir 85 HP	4.7	3.6	4.0	92
0.9 TwinAir 85 HP Dualogic	4.6 / 4.4 ■	3.6	4.0 / 3.9 ■	92 / 90 ■
0.9 TwinAir 105 HP	5.5	3.5	4.2	99
1.2 8V 69 HP	6.4	4.3	5.1	117
1.2 8V 69 HP Start&Stop	5.7	4.3	4.8	111
1.2 8V 69 HP Dualogic	6.2	4.3	5.0	113
1.2 8V 69 HP Dualogic Start&Stop	5.6	4.1	4.7	108
1.4 16V 100 HP*	7.7	5.1	6.1	140
1.4 16V 100 HP Start&Stop*	7.2	5.0	5.8	135
1.4 16V 100 HP Dualogic*	7.1	5.0	5.8	135
1.4 16V 100 HP Dualogic Start&Stop*	6.7	5.0	5.6	130
1.3 16V MultiJet 75 HP	5.3	3.6	4.2	110
1.3 16V MultiJet 95 HP Start&Stop	4.7	3.1	3.7	97
LPG	8.2	5.6	6.6	106

● \* For versions/markets, where provided

■ 500C versions

The fuel consumption reported in the table refers to the AUTO-CO logic for 1.2 8V Dualogic and AUTO for 1.4 16V Dualogic. The CO<sub>2</sub> emission levels given in the table refer to combined consumption.



## **PRESCRIPTIONS FOR HANDLING THE VEHICLE AT THE END OF ITS LIFE**

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

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

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

# IMPORTANT INFORMATION AND RECOMMENDATIONS

We recommend that you read the following information carefully.

In an emergency we recommend that you call the tollfree number found on the Warranty Booklet.  
You can also connect to the site [www.fiat500.com](http://www.fiat500.com) to search for the nearest Fiat Dealership.



## PERSONAL SAFETY

### 1) IGNITION DEVICE

- Never extract the key while the car is moving. The steering wheel will automatically lock as soon as it is turned. This also applies to cases in which the car is towed.
- Under no circumstances should aftermarket operations be carried out involving steering system or steering column modifications (e.g. installation of anti-theft device). This could negatively affect performance, invalidate the warranty, cause serious safety problems and also result in non-compliance of the car with type-approval requirements.
- If the ignition is tampered with (e.g. attempted theft), have it checked by a Fiat Dealership before driving again.
- Always remove the key when you leave your car to prevent someone from accidentally operating the controls. Remember to engage the handbrake. If the car is parked on a slope uphill, engage the first gear; if the car is facing downhill, engage the reverse gear. Never leave children unattended in the car.

**2) ADJUSTMENTS** Any and all adjustments to seats, headrests, steering wheel or rear view mirrors must be performed exclusively with the vehicle stationary and the engine off.

### 3) SEATS

- After releasing the adjustment lever, always check that the seat is locked on the guides by trying to move it back and forth. If the seat is not locked into place, it may unexpectedly slide and cause the driver to lose control of the car.

### 4) HEAD RESTRAINTS

- Adjustments must be made only with the car stationary and engine off. The headrests should be adjusted to support the back of your head and not your neck. Only in this position do they exert their protective action.
- To make the best use of the headrest protective action, adjust the backrest so that you are sitting upright and keep your head as close as possible to the head restraint.

### 5) REAR VIEW MIRRORS

As door mirrors are curved, they may slightly alter the perception of distance. When driving, these mirrors must always be in the open position.

### 6) DAYTIME RUNNING LIGHTS (DRL)

- The daytime running lights are an alternative to dipped beam headlights for driving during the daytime. They are compliant in countries where it is obligatory to have lights on during the day and permitted in those where it is not obligatory.
- Daytime running lights cannot replace dipped beam headlights when driving at night or through tunnels.
- The use of daytime running lights is governed by the highway code of the country in which you are driving. Comply with legal requirements.

### 7) FUEL CUT-OFF SYSTEM

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.



(CONTINUED)



## PERSONAL SAFETY

(FOLLOWS)

### 8) INTERIOR FITTINGS

- The cigar lighter becomes very hot. Handle it with caution and do not allow it to be used by children to avoid the risk of fire or burns. Always check that the cigar lighter is switched off.
- Only accessories with a maximum power of 180 W (maximum absorption 15 A) can be connected to the power socket (cigar lighter).
- Do not travel with the glove compartments open: risk of passenger's injury in the event of an accident.

### 9) SUN ROOF – ELECTRIC SOFT TOP ELECTRIC WINDOWS

When leaving the car, always remove the key from the ignition device to avoid the risk of injury to the vehicle occupants due to accidental operation of these devices: improper use can be dangerous. Before and during operation, always check that no-one is exposed to the risk of being injured either directly by the moving components or through objects getting caught and being dragged by them.

### 10) SOFT TOP

- Keep hands away from the top lever system when opening or closing the top, or when the top is stopped but not completely open or closed. This may damage the top or cause injury.
- Keep children away from the area in which the top is folding during opening or closing operations.

### 11) DOORS

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

### 12) LUGGAGE COMPARTMENT

- 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.
- Do not drive with the tailgate open as exhaust fumes may enter the vehicle.
- 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. However, the risks of fire in the case of collision increase anyway.
- When opening the tailgate, take care not to hit possible objects on the roof rack.

### 13) ROOF RACK/SKI RACK

- Fully comply with the regulations in force concerning maximum clearance.
- Never exceed the maximum permitted loads; see the "Technical specifications" chapter.
- Evenly distribute the load and take into account, when driving, the increased responsiveness of the car to side wind. Check that the attachment fixing screws are tight after a few kilometres.

### 14) ABS SYSTEM – ESC SYSTEM

- 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.



## PERSONAL SAFETY

(FOLLOWS)

- When the ABS cuts in and you feel the brake pedal pulsating, do not raise your foot, but keep it pressed; in doing so you will stop in the shortest amount of space possible depending on the current road conditions.
- If the ABS intervenes, it means that the grip between tyre and the road surface has reached the limit: you must slow down to adapt the speed to the road grip available.
- To obtain the maximum efficiency of the braking system, a bedding-in period of about 500 km is needed: during this period it is better to avoid sharp, repeated and prolonged braking.
- The ABS and ASR systems cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.
- The ABS, ASR and HBA systems cannot prevent accidents, including those due to excessive speed on corners, driving on low-grip surfaces or aquaplaning.
- The capability of the ABS, ASR and HBA systems must never be tested irresponsibly and dangerously, in such a way as to compromise personal safety and the safety of others.
- 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 pressed.
- If only the  warning light on the instrument panel lights up, together with a message in the multifunction display (for versions/markets, where provided) stop the vehicle immediately and contact the nearest Fiat Dealership. Fluid leaking from the hydraulic system will compromise the operation of the braking system, whether it is of the conventional type or with ABS.
- Do not take unnecessary risks, even if your vehicle is fitted with an ESC system. Your driving style must always be suited to the road conditions, visibility and traffic. The driver is always ultimately responsible for road safety.

- If the space-saver wheel (where provided) is used, the ABS, ASR and ESC systems keep operating. Always remember that the space-saver wheel, being smaller than the original wheel, provides less grip. For the correct operation of the ABS, 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, make and size.

### 15) BONNET

- Before opening the bonnet, make sure that windscreen wiper arm is not raised, but is rather positioned against the windscreen.
- Incorrect positioning of the stay rod may cause the bonnet to drop suddenly. Only perform these operations when the car is stationary.
- Be careful working inside engine compartment when the engine is hot to avoid burning yourself. Do not place your hands near the engine fan as it may be activated even when the key is removed. Wait for the engine to cool down.
- Pay attention to scarves, ties and other loose-fitting garments. If they accidentally come into contact with moving parts, they may get caught up and dragged with serious risks for those wearing them.
- For safety reasons, the bonnet must always be perfectly closed while travelling. Make sure that the bonnet is perfectly closed and that the lock is engaged. If you discover that the bonnet is not perfectly closed during travel, stop immediately and close the bonnet in the correct manner.

### 16) CONTROLS

- Under no circumstances should aftermarket operations be carried out involving steering system or steering column modifications (e.g. installation of anti-theft device).



(CONTINUED)



## PERSONAL SAFETY

(FOLLOWS)

*This could negatively affect performance, invalidate the warranty, cause serious safety problems and also result in non-compliance of the car with type-approval requirements the vehicle.*

- *Before servicing the car, switch off the engine and remove the key from the ignition device to activate the steering lock. This is especially important when the car wheels are not touching the ground. If this is not possible (i.e. if the key must be kept in the MAR position or the engine must be kept running), remove the main electric power steering system fuse.*

### **17) PARKING SENSORS**

- *The responsibility for parking and other dangerous manoeuvres always and in every case lies with the driver. While carrying out these manoeuvres, always make sure that no people (especially children) or animals are in the area concerned. Parking sensors are designed to assist drivers: anyway, you must always pay the utmost attention during potentially dangerous manoeuvres, even when these are carried out at a low speed.*

### **18) START&STOP SYSTEM**

- *If the battery needs to be replaced, always contact a Fiat Dealership. Replace the battery using a new one of the same type (HEAVY DUTY) and having the same specifications.*
- *Before opening the bonnet, make sure that the vehicle is switched off and the key is in the STOP 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 car. The car should always be left after the key has been removed or turned to the STOP position. When refuelling, make sure that the car is switched off with the key in the STOP position.*

- *For cars with Dualogic gearbox, if the engine is automatically stopped on a slope, the engine should be restarted by moving the gear lever to + or – without releasing the brake pedal. For vehicles with Dualogic transmission, where the Hill Holder function is present, in the case of stop downhill the engine does not cut off automatically, so as to make the Hill Holder function - which is active only when the engine is running - available.*
- *If climate comfort is to be favoured, the Start&Stop system can be deactivated, for a continuous operation of the climate control system.*

### **19) ACCESSORIES PURCHASED BY THE OWNER**

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

### **20) VEHICLE REFUELLING**

- *Do not bring naked flames or lit cigarettes near the fuel tank filler: risk of fire. Keep your face away from the fuel filler to prevent breathing in harmful vapours.*
- *During normal service the catalytic converter reaches high temperatures. Do not therefore park the car over inflammable materials (grass, dry leaves, pine needles, etc.): fire hazard.*

### **21) SEAT BELTS - PRETENSIONERS**

- *Do not press the seat belt release button while the vehicle is moving.*



## PERSONAL SAFETY

(FOLLOWS)

- Remember that in the event of an accident, the rear seat passengers not wearing seat belts are exposed to a very serious risk and also represent a serious danger for the front seat occupants.
- The pretensioner can be used only once. Contact a Fiat Dealership to have it replaced after it has been activated.
- For maximum safety, keep the back of your seat 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 an accident.
- Never disassemble or tamper with the seat belt or pretensioner components. Any intervention on these components must be performed by qualified and authorised technicians. Always go to a Fiat Dealership.
- If the belt has been subjected to heavy stress, for example after an accident, it should be changed completely together with the attachments, attachment fixing screws and the pretensioner. In fact, even if the belt has no visible defects, it could have lost its resilience.

### 22) CARRYING CHILDREN SAFELY

**SEVERE DANGER:** when an active passenger airbag is fitted, DO NOT install rear facing child restraint systems on the front seats. 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 one of the rear seats, which is the most protected position in the event of an impact.

- If a child must be carried on the front seat in a rearward facing child restraint system, it is compulsory to deactivate the passenger side front airbag, making sure that it is deactivated by checking the dedicated warning light on the instrument panel (see "Passenger front airbag" in the "Front airbags" section). The passenger seat must also be positioned back as far as possible in order to avoid the child restraint system from coming into contact with the dashboard.
- On the sun visor there is a label with suitable symbols remembering that it is compulsory to deactivate the airbag if a rear facing child restraint system is fitted. Always comply with the instructions on the passenger side sun visor (see the "Front airbags" paragraph).
- Do not adjust the front or rear seat if a child is seated on it or on the dedicated child restraint system.

### 23) ISOFIX CHILD RESTRAINT SYSTEM FITTING

- Secure the child restraint system according to the instructions, which must be included with this type of restraint system.
- Child restraint systems with Isofix attachments are available, which allow them to be secured to the seat safely without using the car seat belts. For this type of child restraint systems see the "Isofix child restraint system setup" paragraph in the "Safety" chapter.
- If a Universal Isofix child restraint system is not fixed to all three anchorages, it will not be able to protect the child correctly. In a crash, the child could be seriously or fatally injured.
- Fit the child restraint system only when the vehicle is stationary. The child restraint system is correctly fixed to the brackets when you hear the click. Follow the instructions for assembly, disassembly and positioning that the manufacturer must supply with the child restraint system.



(CONTINUED)



PERSONAL SAFETY

(FOLLOWS)

**24) AIRBAGS**

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

*SEVERE 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.*

*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.*

- When an active passenger airbag is fitted, DO NOT install rearward facing child restraint systems on the front seat. Deployment of the airbag in an accident could cause fatal injuries to the child regardless of the severity of the impact.
- Do not rest your head, arms or elbows on the door, windows or in the window bag area to prevent injury during deployment. Never lean your head, arms or elbows out of the window.
- If when turning the key to MAR the warning light  does not turn on or if it stays on when travelling, there could be a failure in the restraint systems; in this event airbags or pretensioners may not be deployed in the case of impact or, in a lower number of cases, they may deploy accidentally. Before proceeding, contact a Fiat Dealership immediately to have the system checked.

- Do not use seat covers on front seats featuring side airbags.
- Do not travel carrying objects in your lap, in front of your chest or between your lips (pipe, pencils, etc.): they could cause severe injury if the airbag is deployed.
- Always drive keeping your hands on the steering wheel rim so that the airbag can inflate freely if necessary. Do not drive with your body bent forward. Keep your back straight against the backrest.
- If the car has been stolen or in the case of attempt to steal it, if it has been subjected to vandalism or floods, have the airbag system checked by a Fiat Dealership.
- When the ignition key is inserted and turned to MAR, airbags may be deployed if another car crashes into the vehicle, even if the engine is not running and the car is stationary. Therefore, even if the vehicle is stationary, when an active front passenger airbag is fitted, DO NOT install rearward facing child restraint systems on the front passenger seat. Deployment of the airbag following an impact could cause fatal injuries to the child. Therefore, always deactivate the passenger side airbag when a rearward facing child restraint system is installed on the front passenger seat. The front passenger seat must also be positioned back as far as possible in order to prevent the child restraint system from coming into contact with the dashboard. Immediately reactivate the passenger airbag as soon as the child restraint system has been removed. Also remember that, if the key is turned to STOP, none of the safety devices (airbags or pretensioners) will be deployed in the event of collision. Non-deployment in such cases does not indicate a system malfunction.



## PERSONAL SAFETY

(FOLLOWS)

- When the ignition key is turned to MAR, the warning light  turns on and flashes for a few seconds to remind you that the passenger's airbag will be deployed in a crash, after which it should go off.
- Do not wash the seats with water or pressurised steam (wash by hand or at automatic car seat washing stations).
- The airbag deployment threshold is higher than that of the pretensioners. For impacts whose intensity falls between the two thresholds, it is normal that only the pretensioners are activated.
- Do not hook rigid objects to the coat hooks and to the support handles.
- The airbag does not replace seat belts but increases their efficiency. Furthermore, since front airbags are not deployed in low speed collisions, side collisions, rear-end shunts or roll-overs, the passengers are only protected by the seat belts which must be fastened at all times.

### 25) STARTING THE ENGINE:

- It is dangerous to run the engine in enclosed areas. The engine takes in oxygen and releases carbon dioxide, carbon monoxide and other toxic gases.
- Remember that the servo-brake and power steering are not operational until the engine has been started, therefore much effort than usual is required on the brake pedal and steering wheel.
- For vehicles featuring a Dualogic gearbox, if the engine is not started with a gear engaged, a warning is sounded to notify the driver of the potential danger due to the gear being automatically put into neutral.

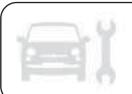
- Starting the vehicle using the backup battery must be performed by trained technicians, as incorrect operations may cause high-intensity electrical shocks.
- Battery fluid is poisonous and corrosive: avoid contact with skin and eyes.  
The battery should be charged in a well ventilated place, away from naked flames or possible sources of sparks: danger of explosion and fire.
- Do not attempt to charge a frozen battery: it must be thawed first, otherwise it may explode. If the battery was frozen, have it inspected by specialised personnel before recharging to check that the internal elements are not damaged and that the casing is not cracked, which causes the risk of leakage of poisonous, corrosive acid.

### 26) HANDBRAKE

- The car should be braked after a few clicks of the lever, if it is not, contact a Fiat Dealership to have it adjusted.
- Never leave children unattended in the car.  
Always remove the ignition key when leaving the car and take it out with you.

### 27) USING THE MANUAL GEARBOX

Depress the clutch pedal fully to change gear correctly. Therefore, the floor area underneath the pedal unit must not be obstructed in any way.  
Ensure that the floor mat is always laid flat and does not interfere with use of the pedals.



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## PERSONAL SAFETY

(FOLLOWS)

### 28) TOWING TRAILERS

- The ABS with which the car is equipped will not control the braking system of the trailer. Particular caution is therefore required on slippery surfaces.

### 29) SNOW TYRES

- The max. speed for snow tyres with “Q” marking is 160 km/h. The Road Traffic Code speed limits must however be always strictly observed.

### 30) WARNING LIGHTS AND MESSAGES

- If the warning light  turns on when travelling (on certain versions together with the message on the display) stop the car immediately and contact a Fiat Dealership.
- If when turning the key to MAR the warning light  does not turn on or if it stays on when travelling, there could be a failure in the restraint systems; in this event airbags or pretensioners may not be deployed in the case of impact or, in a lower number of cases, they may deploy accidentally. Before proceeding, contact a Fiat Dealership immediately to have the system checked.
- Failure of warning light  (warning light off) is indicated by warning light , which will blink for longer than the normal 4 seconds indicating that the front passenger airbag is off.
- The  warning light indicates any  warning light faults. This condition is indicated by intermittent blinking of warning light  for longer than 4 seconds. In this case, the warning light  does not necessarily indicate a failure in the restraint systems. Before resuming driving, contact a Fiat Dealership immediately to have the system checked.

- If the warning light  turns on when the vehicle is travelling (on certain versions together with a message on the display) stop the engine immediately and contact a Fiat Dealership.

- If the red warning light  flashes, or if the yellow warning light  comes on solid (for versions/markets, where provided), 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 indications may result in severe damage to the engine and invalidate the warranty. Please note also that the switching on of this warning light does not depend on the oil quantity in the engine; when the warning light flashes, never add oil.

- Always drive at a speed appropriate to the traffic conditions, the weather and traffic regulations. The engine may be turned off while the DPF light is on; however, repeated interruption of the regeneration process may result in premature exhaustion of engine oil. For this reason, it is always advisable to wait for the light to go off before turning off the engine, following the instructions appearing above. It is not advisable to complete DPF regeneration with the car stationary.

- The presence of water in the feeding circuit may cause severe damage to the injection system and irregular engine operation. If the warning light  or the symbol  light up (on some versions with the message on the display), go to a Fiat Dealership as soon as possible to have the system bled. If this problem is indicated immediately after refuelling, water may have entered the fuel tank. In this case, immediately turn off the engine and contact your Fiat Dealership.



## PERSONAL SAFETY

(FOLLOWS)

- If the system signals a pressure decrease on a specific tyre, it is recommended to check the pressure on all four tyres. iTPMS does not relieve the driver from the obligation to check the tyre pressure every month; it is not even to be considered a replacing system for maintenance or a safety system. 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.
- The iTPMS cannot indicate sudden tyre pressure drops (for example when a tyre bursts). In this case, stop the car, braking with caution and avoiding abrupt steering. The system only warns that the tyre pressure is low: it is not able to inflate them. Insufficient tyre inflation increases fuel consumption, reduces the tread duration and may affect the capacity to drive safely.

### 31) CHANGING A WHEEL

- The space-saver wheel (for versions/markets, where provided) is specific to your car, do not use it on other models, or use the space-saver wheel of other models on your car. The space-saver wheel must only be used in the event of an emergency. Never use it for more than strictly necessary and never exceed a speed of 80 km/h.
- On the space-saver wheel there is an orange label, summarising the main warnings regarding space-saver wheel usage restrictions. The label must not be removed or covered under any circumstances.

The following information is provided in four languages on the label: "Important! For temporary use only! 80 km/h max! Replace with a standard wheel as soon as possible. Never cover this indication". Never apply a hub cap on a space-saver wheel.

- If you change the type of wheel (alloy rims instead of steel rims and vice versa) you will have to change the entire set of fixing bolts with another set of suitably sized bolts.
- Use your hazard lights, warning triangle, etc. to show that your car is stationary in compliance with regulations. Passengers should get out of the car, particularly if it is heavily loaded, and wait for the wheel to be changed away from the traffic. On hills or uneven roads, use chocks or appropriate objects to block the wheels of the car.
- The driving features of the car may change when a space-saver wheel is fitted. Avoid violent acceleration and braking, abrupt steering and fast cornering. The total life of a space-saver wheel is approximately 3,000 km, after which it must be replaced by another wheel of the same type. Never install a traditional tyre on a rim designed to be used as a space-saver wheel. Have the wheel repaired and refitted as soon as possible. Only one space saver wheel can be used at a time. Do not apply grease to the bolt threads before fitting: they could come unscrewed.
- The jack may be used to replace wheels only on the car that it comes with or other cars of the same model. Never use the jack for other purposes, such as lifting other car models. Never use the jack to carry out repairs under the car. Incorrect positioning of the jack may cause the car to fall. Do not use the jack for loads higher than those shown on the label.



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## PERSONAL SAFETY

(FOLLOWS)

- Snow chains cannot be fitted to the space-saver wheel. So, if a front (drive) wheel is punctured and chains are needed, a rear wheel should be fitted to the front of the car and the space-saver wheel should be fitted to the rear. In this way, equipped with two normal drive wheels at the front, they can be fitted with snow chains, thus resolving the emergency situation.
- Incorrect hub cap assembly may cause it to come off when the car 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.

### 32) FIX&GO QUICK TYRE REPAIR KIT

- Give the instruction booklet to the personnel charged with handling the treated tyre.
- Punctures on the sides of the tyre cannot be repaired. Do not attempt to use the quick tyre repair kit if the tyre was damaged as a result of being used when underinflated.
- If the wheel rim has been damaged (bent so as to cause pressure loss), the wheel may not be repaired. Do not remove foreign bodies (screws or nails) from the tyre.
- Do not operate the compressor for longer than 20 consecutive minutes. Risk of overheating. Tyres repaired with the quick tyre repair kit must only be used temporarily, as the kit is not suitable for a definitive repair.
- The canister contains ethylene glycol. It contains latex that might cause allergic reactions. It is harmful if swallowed. It is irritant for the eyes. It may cause sensitisation if inhaled or on contact.

Avoid contact with eyes, skin and clothes. In the case of contact, wash immediately with plenty of water. In the event that it is swallowed, do not induce vomiting.

Rinse out your mouth, drink large quantities of water and seek immediate medical attention. Keep out of the reach of children.

The product must not be used by asthmatics.

Do not breathe in the vapours during insertion and suction.

Call a doctor immediately if allergic reactions are noted.

Store the bottle in the specific compartment, away from sources of heat. The sealant has a limited life.

- Put on the protective gloves provided with the quick tyre repair kit.
- Apply the adhesive label where it can be easily seen by the driver as a reminder that the tyre has been treated with the quick repair kit. Drive carefully, particularly on bends. Do not exceed 80 km/h. Do not accelerate or brake suddenly.
- If the pressure has fallen below 1.5 bar, do not drive any further: the Fix&Go quick tyre repair kit cannot guarantee the correct hold because the tyre is too damaged. Contact a Fiat Dealership. If instead a pressure value of at least 1.5 bar is detected, restore the correct pressure (with the engine running and the handbrake engaged), resume driving and drive with great care to the nearest Fiat Dealership.
- Always indicate that the tyre was repaired using the quick tyre repair kit. Give the leaflet to the personnel charged with handling the tyre treated with the tyre repair kit.

### 33) CHANGING A BULB

- 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.



## PERSONAL SAFETY

(FOLLOWS)

- Halogen bulbs contain pressurised gas. Glass shards may be projected if a bulb breaks.
- Due to the high power supply voltage, gas discharge bulbs (Xenon) should only be replaced by specialised personnel: danger of death! Contact a Fiat Dealership.

### 34) REPLACING FUSES

- If the replaced fuse blows again, contact a Fiat Dealership.
- Never replace a blown fuse with metallic wires or other material.
- Never replace a fuse with another with a higher amp rating; DANGER OF FIRE.
- If a general fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) cuts in, contact a Fiat Dealership.
- Remove the key from the ignition and switch off or disconnect all devices before replacing a fuse.
- If a general protection fuse for safety systems (airbag system, braking system), power unit systems (engine system, transmission system) or steering system blows, contact a Fiat Dealership.

### 35) BATTERY RECHARGING

- Battery fluid is poisonous and corrosive: avoid contact with 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.
- Do not attempt to charge a frozen battery: it must be thawed first, otherwise it may explode.

If the battery was frozen, have it inspected by specialised personnel before recharging to check that the internal elements are not damaged and that the casing is not cracked, which causes the risk of leakage of poisonous, corrosive acid.

### 36) TOWING THE CAR

- Before tightening the ring clean the threaded housing thoroughly. Make sure that the ring is fully fastened in the housing before towing the car.
- Before starting towing operations, turn the ignition key to MAR and then to STOP, without extracting it. If the key is extracted, the steering lock engages automatically and it is consequently impossible to steer the wheels.
- Remember that the brake servo and the electric power steering are not available during towing operations. Significantly greater force must be exerted on the brake pedal and on the steering wheel to operate them.
- Do not use flexible cables when towing and avoid jerky movements.
- During towing, make sure that the trailer hitch does not damage any components it is touching.
- Respect the specific rules of the Highway Code when towing the car specifically in relation to the towing device and the behaviour to maintain on the road.
- Do not start the engine while towing the car.
- The (front/rear) tow hook must be used exclusively for roadside assistance operations. You are allowed to tow the vehicle for short distances using an appropriate device in accordance with the highway code (rigid bar), to move the vehicle on the road in readiness for towing or transport via a breakdown vehicle.



(CONTINUED)



## PERSONAL SAFETY

(FOLLOWS)

The tow hook **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. Respecting the above conditions, towing must take place with two vehicles (one towing, the other towed) aligned as much as possible along the same centre line.

**37) SERVICING - CHECKING FLUID LEVELS**

- Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.
- When the engine is hot, take care when working inside the engine compartment to avoid burns. Remember that when the engine is hot, the fan may operate: danger of injury. Scarves, ties and other loose clothing may be pulled by moving parts.
- The cooling system is pressurised. If necessary, only replace the cap with another original one or the operation of the system may be adversely affected. Do not remove the cap from the reservoir when the engine is hot: danger of scalding.
- Do not travel with the windscreen washer reservoir empty: the windscreen washer is essential for improving visibility.
- Some commercial windscreen washer additives are flammable. The engine compartment contains hot parts which could cause a fire if they come into contact with these additives.
- 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. Consult a doctor immediately if you swallow the fluid.

- Symbol ☺ on the container indicates a synthetic brake fluid, which is different from a mineral fluid. Use of a mineral type fluid will damage the special rubber seals of the braking system beyond repair.

- Battery liquid 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.
- Running the battery with an excessively low liquid level will damage the battery beyond repair and even cause an explosion.
- If the vehicle must remain unused for a long time at a very low temperature, remove the battery and take it to a warm place, to avoid freezing.
- Always wear appropriate goggles when working on or near the battery.

**38) WHEELS AND TYRES**

- Remember that the road holding qualities of your car also depend on correct tyre pressures.
- If tyre pressure is too low, the tyre may overheat and be severely damaged as a result.
- Do not exchange the tyres from the left to the right of the car and vice versa.
- Do not re-spray alloy wheel rims at temperatures higher than 150°C. The mechanical characteristics of the wheels may be compromised.

**39) WINDSCREEN AND REAR WINDOW WIPER**

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



## PERSONAL SAFETY

(FOLLOWS)

### 40) INTERIORS

- 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.
- Do not keep aerosol cans in the car: they might explode. Aerosol cans must not be exposed to a temperature exceeding 50°C. When the vehicle is exposed to sunlight, inner temperature can greatly exceed this value.

### 41) TECHNICAL SPECIFICATIONS – SUPPLY SYSTEM

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.

### 42) TECHNICAL SPECIFICATIONS – RIM PROTECTOR TYRES

DO NOT fit wheel hub caps when using integral hub caps fixed (with springs) to the steel rim and after sale tyres provided with Rim Protector. The use of unsuitable tyres and hub caps may cause sudden loss of tyre pressure.

### 43) RADIO

- High volume can be a risk for the driver and for other road users. Always adjust the volume so that you can still hear background noises.
- On multimedia CDs, besides audio tracks, there are data tracks, too. Playing such CD can cause ground noise to a volume which can affect road safety as well as cause damages to final audios and speakers.

### 44) BLUE&ME™

- The use of some of the **Blue&Me™** system's features whilst driving can divert attention away from the road, with the risk of causing accidents or other serious consequences; therefore they must only be used when the driving conditions allow and, where necessary, only when the vehicle is stationary.

- **IMPORTANT:** Consulting the system whilst driving can distract attention away from the road with the risk of causing an accident or other serious consequences.

Do not change system settings or enter data non-verbally (using the manual controls) while driving.

Stop the car in a safe and legal manner before carrying out these operations.

This is important since while setting up or changing some functions your attention may be distracted from the road and you may have to remove your hands from the wheel.

- Voice commands: the system functions can be carried out using only voice commands.

Using voice commands while driving allows you to operate the system without removing your hands from the wheel.

Looking at the display for a long time: while driving, do not use any function that requires looking at the display for a long time. Pull over in a safe and legal manner before attempting to access a function of the system that requires prolonged attention.

Even occasional short glances at the display may be hazardous if your attention is diverted from driving at a critical moment.

Setting the volume: do not turn the volume up too high. Keep the volume at a level where you can still hear outside traffic and emergency signals while driving.

Driving without being able to hear these sounds can cause accidents.



(CONTINUED)



PERSONAL SAFETY

(FOLLOWS)

*Using the voice recognition: the voice recognition software is based on a statistical process that is subject to error. It is your responsibility to monitor the system's voice recognition functions and to correct any errors.*

*Danger of distraction: the functions may require manual settings (not using voice commands). Attempting to perform such setup or insert data while driving can seriously distract your attention and could cause an accident or other serious consequences. Before carrying out these operations, stop the car in a safe and legal manner before carrying out these operations.*

**45) LPG**

- *Note that in some countries (including Italy) there are legal restrictions in force for parking/garaging motor vehicles fuelled by gas that is denser than air; LPG comes under this category.*
- *Do not switch between the two operating modes (petrol/LPG) whilst starting the engine.*
- *The LPG supply system is equipped with a "consumption" function linked to the LED display of LPG level on the switch; this function activates only after a consistent variation in fuel level has been detected.*  
*It is therefore advisable to fill up with fuel at the first LPG refuelling to obtain a more "precise" indication of the level.*
- *If gas is smelt, switch from LPG operation to petrol operation and immediately go to a Fiat Dealership to have the vehicle checked and possible system faults supply excluded.*



## CAR SAFETY

### 1) KEYS AND CODE CARD

- The electronic components inside the key may be damaged if the key is subjected to strong shocks. In order to ensure complete efficiency of the electronic devices inside the keys, they should never be exposed to direct sunlight.
- All the keys and the code card must be handed over to the new owner when selling the car.

### 2) CLIMATE CONTROL SYSTEM

Never use R12 coolant, which is not compatible with the system components.

### 3) WINDSCREEN AND REAR WINDOW WIPER

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

### 4) SUN ROOF

- Use the sun roof only at spoiler position if a transverse roof rack is fitted.
- Do not open the sun roof if snow or ice is over it: you may damage it.
- Take care not to knock objects on the roof rack when opening the tailgate.

### 5) SOFT TOP

- Never open the top in presence of snow or ice to prevent damage.

- Do not place objects on the parcel shelf to prevent damage while the soft top is closing.
- Loads may not be secured on the vehicle roof.
- Bird droppings and plant resins must be washed off the soft top immediately and thoroughly as the acid they contain is particularly aggressive.
- Do not use power washers to wash your soft top.
- When using steam washers or high-pressure water washers, maintain a suitable distance and do not exceed a maximum temperature of 60°C. Damage, alterations and water infiltration may occur if the distance is too small or the pressure is too high.
- If a water jet is used, direct away from the edges of the fabric and the rear window frame to prevent water infiltration.
- Never use alcohol, petrol, chemical products, detergents, stain removers, wax, solvents and "wash and polish" products.
- Rinse immediately to remove soap in order to prevent stains. Repeat the operation if needed.
- Follow the instructions on the waterproofing product container for perfect results.
- The rubber seals of the soft top must be washed with water only. If you notice that seals are dry or sticking, apply talcum powder or products specifically for rubber (silicone spray).

### 6) EOBD SYSTEM

If, when the ignition key is turned to the MAR position, the  warning light either does not come on or, when driving, it comes on permanently or flashes along with a message in the multifunction display (for versions/markets where provided), contact a Fiat Dealership as soon as possible. The operation of the  warning light may be checked by the traffic control authorities using specific devices. Always comply with the traffic regulations in force in the country where you are driving.



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## CAR SAFETY

(FOLLOWS)

### 7) RADIO

- If you wish to have a sound system installed after purchasing the car, first contact a Fiat Dealership whose qualified personnel will give you advice about a sound system that does not affect the battery charge. Excessive loadless absorption damages the battery and may void the battery warranty.
- On multimedia CDs, besides audio tracks, there are data tracks, too. Playing this type of CD could cause hissing at a volume that could jeopardise road safety as well as damage the output stages and the speakers.

### 8) REFUELLING YOUR DIESEL ENGINE VEHICLE

Diesel engines: refuel only with diesel fuel 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. If you accidentally refuel with another type of fuel, do not start the engine, and drain the tank. If the engine has run, even for a very short time, you will need to have the entire fuel supply system emptied in addition to the tank.

### 9) SEAT BELTS - PRETENSIONERS

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

### 10) ENGINE START AND STOP

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

- When the engine is switched off never leave the key in the MAR position to prevent useless current absorption from draining the battery.
- Warning light  will flash for 60 seconds after starting or during prolonged cranking to indicate a fault in the plug preheating system. Use the car as normal if the engine starts, but go to a Fiat Dealership as soon as possible.
- Never bump start the engine by pushing, towing or coasting downhill. This could cause fuel to flow into the catalytic converter and damage it beyond repair.
- Never use a fast battery-charger to start the engine as this could damage the electronic systems of your car, particularly the ignition and fuel supply control units.
- A quick burst on the accelerator before turning off the engine serves absolutely no practical purpose; it wastes fuel and is especially damaging to turbocharged engines.

### 11) USING THE GEARBOX: MANUAL AND DUALOGIC

- Do not drive with your hand resting on the gear lever as the force exerted, even if slight, could lead over time to premature wear of the internal gearbox components.
- If the gearbox is faulty, contact a Fiat Dealership as soon as possible to have the system checked.
- In order to safeguard the efficiency of the clutch, do not use the accelerator to keep the car stationary (e.g. when stopped on an incline) < use the brake pedal instead.

### 12) SNOW CHAINS

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



## CAR SAFETY

(FOLLOWS)

*Avoid potholes, steps and pavements and avoid driving long distances on roads not covered with snow to avoid damaging the car and the roadbed.*

### 13) POWER SOCKET

*Only accessories with a maximum power of 180 W (maximum absorption 15 A) can be connected to the power socket (cigar lighter).*

### 14) DIESEL FILTER

*The presence of water in the supply circuit may cause severe damage to the injection system and irregular engine operation. If the warning light  or the symbol  on the colour display switches on, contact a Fiat Dealership as soon as possible to have the system bled. If this problem is indicated immediately after refuelling, water may have entered the fuel tank. In this case, immediately turn off the engine and contact your Fiat Dealership.*

### 15) FIX&GO TYRE REPAIR KIT

*In the event of a puncture caused by foreign bodies, the kit may be used to repair tyres showing damages on the tread or shoulder up to max. 4 mm diameter.*

### 16) BULBS AND FUSES

- *Halogen bulbs must be handled by holding the metallic part only. If the transparent bulb comes into contact with your fingers, the intensity of the light emitted will be reduced and the duration of the bulb may be affected. In the case of accidental contact, rub the lamp with a cloth and spirit and leave to dry.*
- *Where possible, it is advisable to have bulbs changed at a Fiat Dealership.*

*The correct operation and alignment of the external lights are absolutely essential for the safety of the car and of compliance with the law.*

- *The intervention must be carried out taking all precautions necessary to avoid damaging the bodywork (use a sufficiently rigid and appropriately thick plastic card).*
- *If the engine compartment needs washing, take care not to directly hit the engine compartment fuse box with the water jet.*

### 17) LIFTING THE CAR

*Special care should be taken when positioning the workshop lift or the jack arms for versions equipped with side skirts.*

### 18) SCHEDULED SERVICING PLAN

- **Petrol versions:** *if the vehicle is mainly used for city driving or has an annual mileage of less than 10,000 km, the engine oil and engine oil filter should be changed every 12 months.*
- **Diesel versions:** *if the car is mainly used for city driving, the engine oil and engine oil filter must be changed every 12 months.*

### 19) SERVICING: CHECKING FLUID LEVELS

- *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 car.*
- *Do not add oil with specifications other than those of the oil already in the engine.*
- *The use of products with specifications other than those indicated above could cause damage to the engine not covered by the warranty.*



(CONTINUED)



## CAR SAFETY

(FOLLOWS)

- Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts while checking. Should it happen, wash immediately with water.

### 20) PARAFLU<sup>UP</sup>

PARAFLU<sup>UP</sup> anti-freeze is used in the engine cooling system. Use the same fluid as in the cooling system when topping up. PARAFLU<sup>UP</sup> may not be mixed with other types of fluids. If this happens, do not under any circumstances start the engine and contact a Fiat Dealership.

### 21) BATTERY REPLACEMENT

Incorrect assembly of electrical and electronic accessories may cause severe damage to your vehicle. Go to a Fiat Dealership if you want to install accessories (alarms, etc.): they will suggest the most suitable devices and advise you whether a higher capacity battery needs to be installed.

### 22) PARKING SENSORS

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

### 23) ENGINE OIL DETERIORATED

To prevent damage to the engine, it is advisable to replace the engine oil when the red warning light  switches on, or when the yellow warning light  comes on solid (for versions/markets, where provided). Contact a Fiat Dealership.

### 24) BODYWORK

- Avoid washing with rollers and/or brushes in washing stations. Then wash the vehicle, only by hand, using pH-neutral detergents; dry it with a wet chamois leather. Abrasive products and/or polishes should not be used for cleaning the vehicle.
- Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.
- Avoid (if at all possible) parking the car under trees; remove vegetable resins immediately as, when dried, it may only be possible to remove them with abrasive products and/or polishes, which is highly inadvisable as they could alter the typical opacity of the paint.

### 25) WINDOWS

Do not use pure windscreen washer fluid for cleaning the windscreen and the rear window: dilute it to at least 50% with water.

### 26) LPG

- The car is equipped with a gaseous LPG injection system designed specifically for it: it is therefore absolutely forbidden to alter the configuration of the system or its components.



## CAR SAFETY

(FOLLOWS)

*The use of other components or materials could cause malfunctions and lead to a reduction in safety; therefore, in the case of problems, contact a Fiat Dealership.*

- The system operates at temperatures ranging between  $-20^{\circ}\text{C}$  and  $100^{\circ}\text{C}$ .
- To prevent damage to the LPG system parts when towing or raising the car, follow the instructions in the "Towing the car" paragraph of the Owner Handbook.
- When painting in an oven, the LPG tank must be removed from the car and later refitted by a Fiat Dealership.
- Although the LPG system has numerous safety features, it is advisable to proceed as follows every time the car is not in use for a long period or moved in an emergency as a result of a breakdown or accident: close the LPG cock.
- It is strictly forbidden to use any additive in the LPG.
- Periodically (at least once every six months) it is advisable to let the LPG in the tank run out and, at the first refuelling, check that it does not exceed the maximum capacity of 30.5 litres (reserve included). If the level is above 30.5 litres (reserve included) contact a Fiat Dealership immediately.

*In special usage conditions:*

- starting up and operation at low ambient temperature
- LPG supply with low propane content: the system may switch temporarily to petrol operation, without any indication.

*In the case of:*

- reduced LPG levels in the tank
- request for high performance (e.g. overtaking, car fully laden, steep hills): the system can automatically switch to petrol operation to guarantee the required engine performance; in this event, the performed switching is shown by the orange (petrol) LED lit and the green (LPG) LED off on the switch. When the above conditions stop, the system automatically restores the LPG operation; the orange (petrol) LED turns off and the green (LPG) LED is lit on the switch.
- To get the above automatic switching, make sure that there is enough fuel in the petrol tank.
- There must therefore always be enough petrol in the tank to protect the petrol pump and to guarantee temporary switching from LPG to petrol operation.





**1) KEYS - REMOTE CONTROL**

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

**2) CLIMATE CONTROL SYSTEM**

*The system uses R134a coolant which does not pollute the environment in the event of accidental leakage.*

**3) FIX&GO QUICK TYRE REPAIR KIT**

*Replace the bottle containing the sealant after the expiry date. Dispose of the bottle and the sealant properly. Have the sealing fluid and the bottle disposed of in compliance with national and local regulations.*

**4) MAINTENANCE – CHECKING FLUID LEVELS**

- *Used engine oil and oil filters contain substances which are harmful to the environment. To change the oil and filters, we advise you to contact a Fiat Dealership.*
- *Used gearbox oil 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.*
- *Batteries contain substances which are very dangerous for the environment. It is advisable to contact a Fiat Dealership for battery replacement.*

**5) MAINTENANCE - BODYWORK**

*Detergents pollute water. Therefore the engine compartment should be washed in dedicated areas equipped for collecting and purifying the liquid used in the washing process.*

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