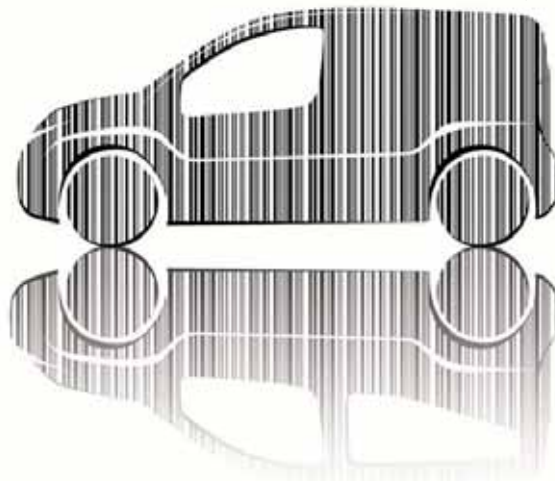


F I A T Q U B O



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

**CHOOSING GENUINE PARTS
IS THE MOST NATURAL CHOICE**



PERFORMANCE



GENUINE PARTS

COMFORT



GENUINE PARTS

SAFETY



GENUINE PARTS

AMBIENT



GENUINE PARTS

ACCESSORIES



GENUINE PARTS

VALUES



GENUINE PARTS



HOW TO RECOGNISE GENUINE PARTS

All **Genuine Parts** undergo **strict controls**, both during design and manufacturing stages,
by specialists using **vanguard materials**,
to **test the component reliability**.

This to guarantee **performance** and **safety** for you and your passengers on board,
for a long time.

Always ask for and make sure a **Genuine Part** has been used.

Dear customer,

Thank you for choosing Fiat and congratulations on your choice of a Fiat QUBO.

We have written this handbook to help you get to know all your new Fiat QUBO's features and use it in the best possible way. You should read it carefully before taking to the road for the first time. You will find information, tips and important warnings regarding driving your vehicle to help you get the most from the technological features of your FIAT QUBO.

Read the warnings and indications, marked with the following symbols:



personal safety;



car safety;



environmental protection.

The enclosed Warranty Booklet lists the services that Fiat offers to its Customers:

- ☐ the Warranty Certificate with terms and conditions for maintaining its validity;
- ☐ the range of additional services available to Fiat Customers.

Enjoy reading. Happy motoring!

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

READ THIS CAREFULLY!

REFUELLING



Petrol engines: only refuel with unleaded petrol with an octane rating (RON) of no less than 95 conforming to the European specification EN 228.

Diesel engines: only use diesel fuel for motor vehicles conforming to the European specification EN 590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, depending on the damage caused.

STARTING THE ENGINE



Petrol engines: make sure that the handbrake is engaged, set the gearshift lever to neutral, fully depress the clutch without pressing the accelerator, then turn the ignition key to AVV and release it as soon as the engine has started.

Diesel engines: Turn the ignition key to MAR and wait for the warning light  to go out. Turn the ignition key to AVV and release as soon as the engine starts.

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 as this constitutes a fire hazard.

RESPECTING THE ENVIRONMENT



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

ELECTRICAL ACCESSORIES



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

SCHEDULED SERVICING



Correct maintenance is essential for ensuring the vehicle stays in tip-top condition and retains its safety features, its environmental friendliness and low running costs for a long time to come.

THE OWNER'S HANDBOOK CONTAINS...



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

(environmental protection) (safety signs)
GND-2A0-B005-082D-47E5-8B68-C271F33-
GND-2A0-B005-082D-47E5-8B68-C271F33-
GND-2A0-B005-082D-47E5-8B68-C271F33-
GND-2A0-B005-082D-47E5-8B68-C271F33-

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DASHBOARD

The presence and position of controls, instruments and indicators may vary according to the versions.

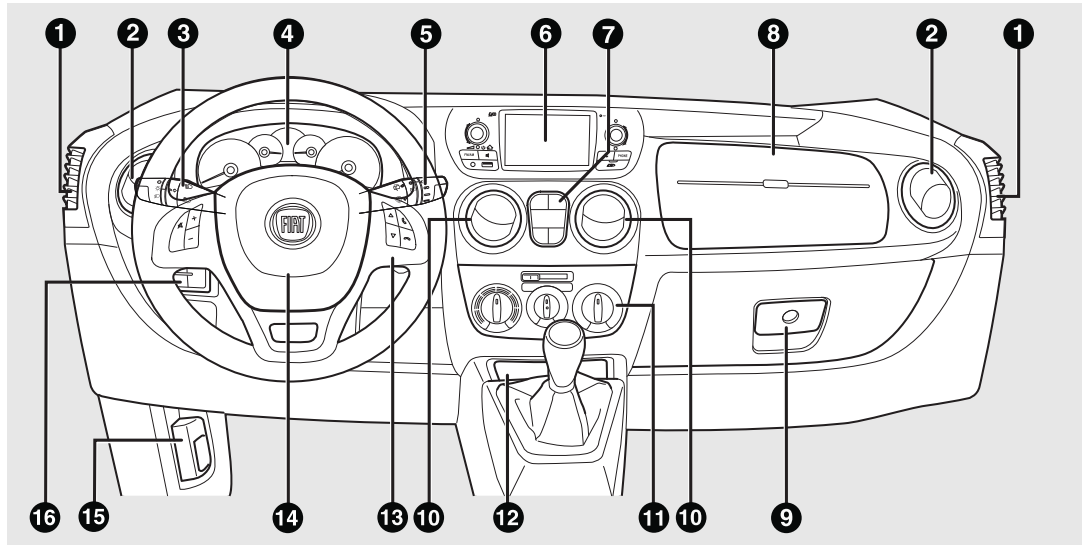


fig. I

F0T0070

1. Vent for directing air to the side windows – 2. Adjustable air vent – 3. Left-hand stalk: exterior lights – 4. Instrument panel and warning lights – 5. Right-hand stalk: front and rear windscreen wipers, trip computer – 6. Radio (for versions/markets, where applicable) – 7. Emergency light switch, heated rear window switch, ASR/Traction Plus on/off switch (for versions/markets, where provided), rear swing door lock button (for versions/markets, where provided), Start&Stop off switch (for versions/markets, where provided) – 8. Passenger's air bag (for versions/markets, where provided) – 9. Glove box/oddment tray (for versions/markets, where provided) – 10. Adjustable air vents – 11. Heating/ventilation/climate control system controls – 12. Glove compartment – 13. Ignition switch – 14. Driver's air bag – 15. Bonnet opening lever – 16. Controls display: fog light/rear fog light/head light alignment adjustment/display

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INSTRUMENT PANEL

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Versions with multifunction display

Warning lights  and  are available on diesel versions only.

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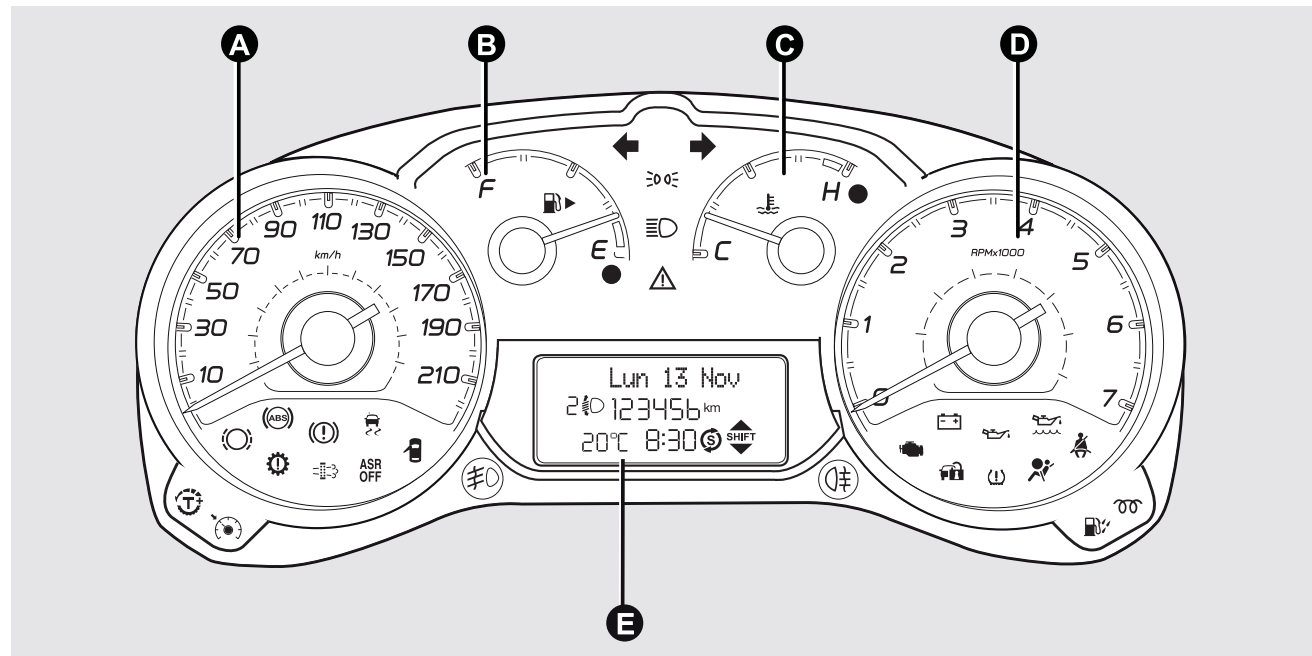


fig. 2

F0T0803

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

Versions with multifunction display

Warning lights  and  are available on diesel versions only.

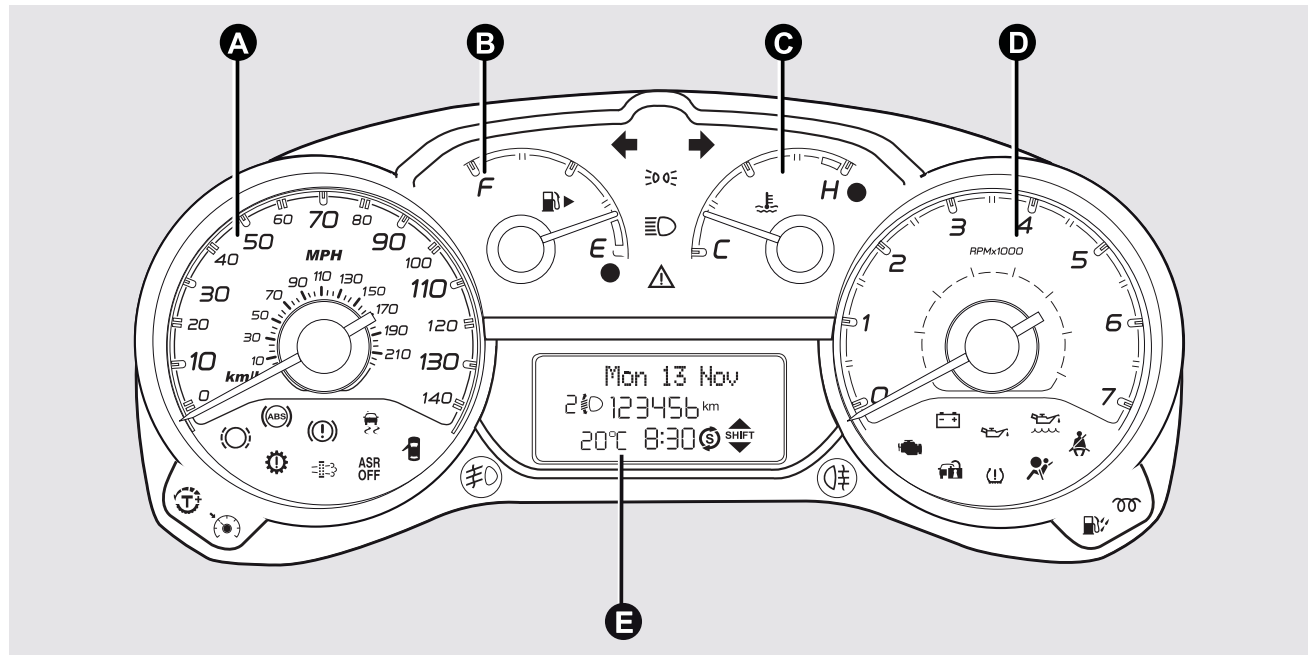


fig. 3

FOT0801

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

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SYMBOLS

Special coloured labels have been attached near or on some of the components of your vehicle. These labels bear symbols that draw your attention to the precautions required when handling the component in question.

The inner surface of the engine bonnet includes a label with the different symbols used.

THE FIAT CODE SYSTEM

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

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

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

In this case, turn the key to **STOP** and then back to **MAR**. Try with the other keys provided if the problem persists. Contact a Fiat Dealership if you still cannot start the engine.

IMPORTANT Each key has its own code which must be stored by the system ECU. Contact the Fiat Dealership to have new keys (up to eight) stored with the code.

Warning light coming on when driving

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

- ❑ If the warning light  (or symbol on the display) stays on, repeat the procedure described above leaving the key at STOP for longer than 30 seconds. If the problem persists, contact the Fiat Dealership.
- ❑ The code is not recognised if the warning light  (or symbol on the display) stays on. In this case, turn the key to STOP and then to MAR; if it is still locked, try again with the other keys that come with the vehicle. If you still cannot start the engine, perform the emergency start procedure (see chapter “In an emergency”) and then contact the Fiat Dealership.



The electronic components inside the key may be damaged if the key is subjected to sharp knocks.

KEYS

KEY WITHOUT REMOTE CONTROL

The metal insert A fig. 4 operates:

- ❑ the ignition switch;
- ❑ the door locks;
- ❑ opening/closing the fuel cap.

KEY WITH REMOTE CONTROL (for versions/markets, where provided)

The metal insert A fig. 5 operates:

- ❑ the ignition switch;
- ❑ the door locks;
- ❑ opening/closing the fuel cap.

To extract the metal insert, press button B fig. 5.

To retract it in the grip, proceed as follows:

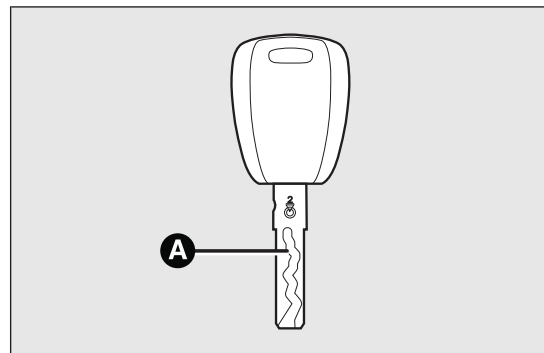


fig. 4

F0T0002

- ☐ hold down button B and move the metal insert A;
- ☐ release button B and turn the metal insert A until you hear the click.



WARNING

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

Button  unlocks all doors (including tailgate/rear swing doors).

Button  locks all the doors.

Button  unlocks the tailgate or the rear swing doors (for versions/markets, where provided).

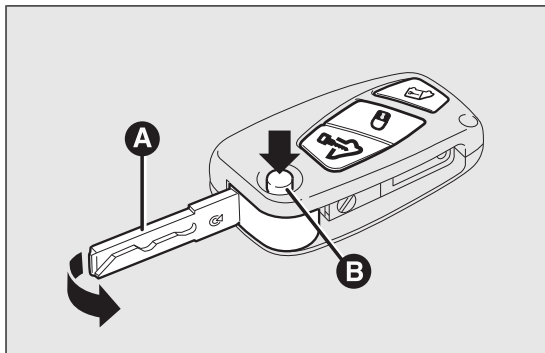


fig. 5

F0T0241

Opening the windows with the remote control (for versions/markets, where provided)

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

Closing the windows with the remote control (for versions/markets, where provided)

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

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

Changing battery - key with remote control

To replace the battery, proceed as follows fig. 6:

- ☐ press button A and bring the metal insert B to the open position;
- ☐ turn the screw C to  using a fine bit screwdriver;
- ☐ take out the battery case D and replace the battery E, respecting its polarity;

- refit the battery case D inside the key and fasten it by turning the screw C to .



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

ORDERING ADDITIONAL REMOTE CONTROLS

The system acknowledges up to 8 remote controls. Should a new remote control be necessary, contact a Fiat Dealership, taking a personal identity document and the vehicle ownership documents with you.

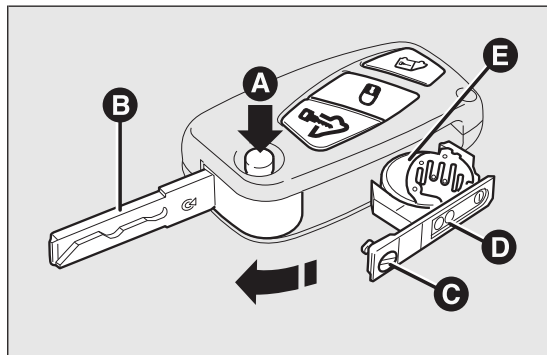


fig. 6

FOT0300

DEAD LOCK

(for versions/markets, where provided)

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

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



WARNING

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



WARNING

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

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Switching the device on

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

The direction indicators flash twice to let you know that the device is active.

If one or more of the doors is not perfectly shut, the dead lock device will not be activated, thus preventing a person getting into the car through the open door and, on shutting, it, remaining stuck inside the passenger compartment.

Switching the device off

The system is disabled automatically on every door when:

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

ALARM

(for versions/markets, where provided)

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

ALARM TRIPPING

The alarm trips in the following cases:

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

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

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

Volumetric and antilifting protections are disabled by pressing the control button installed on the front dashboard (see paragraph "Antilift protections").

IMPORTANT The engine immobilizer function is ensured by the Fiat CODE which is automatically activated when the key is extracted from the ignition.

TURNING THE ALARM ON

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

Except for some markets, the system produces an acoustic warning (beep) and enables door locking.

A self-diagnostic stage precedes the turning on of the alarm: if a fault is detected, the system produces another acoustic signal.

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

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

A fault has occurred in system operation if the alarm produces an acoustic signal even when the doors, bonnet and boot are correctly closed. Go to a Fiat Dealership.

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

IMPORTANT The alarm is configured to comply with the regulations existing in different countries.

TURNING THE ALARM OFF

Press button  on the key with the remote control. The following operations are performed (excluding specific markets):

- ☐ direction indicators flash briefly twice
- ☐ two short beeps
- ☐ door are unlocked.

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

VOLUMETRIC/ANTILIFTING PROTECTION

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

If necessary, the function can be turned off (if, for example, you are leaving a pet in the car) by pressing button A fig. 7 on the front courtesy light before activating turning the alarm on.

The LED on the button will flash for several seconds when the function is turned off. The volumetric/antilifting protection must be deactivated each time the instrument panel is switched off.

BREAK-IN ATTEMPT INDICATION

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

DISABLING THE ALARM

To permanently disable the alarm (e.g. during a long storage), simply lock the vehicle by turning the metal insert of the key with remote control in the lock. In this case, the car will not be protected by the alarm system, while the engine immobiliser function is ensured by the Fiat CODE system, which is automatically activated when the key is removed from the ignition switch.

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

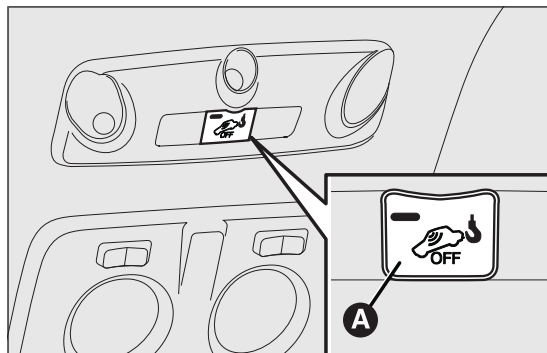


fig. 7

F0T0159

IGNITION SWITCH

The key can be turned to 3 different positions fig. 8:

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

STEERING LOCK

Engagement

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

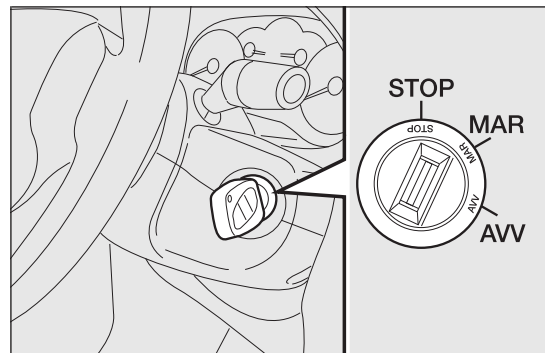


fig. 8

F0T0039

Disengagement

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



WARNING

Never extract the key while the vehicle is moving. The steering wheel should lock automatically as soon as it is turned. This also applies to cases in which the vehicle is towed. It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could badly affect performance and safety, invalidate the warranty and also result in the car failing to comply with regulations.

ON-BOARD INSTRUMENTS

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

SPEEDOMETER (speed indicator)

Indicates vehicle speed.

REV COUNTER

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

IMPORTANT The electronic injection control system gradually shuts off the flow of fuel when the engine is over-revving, resulting in a gradual loss of engine power.

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

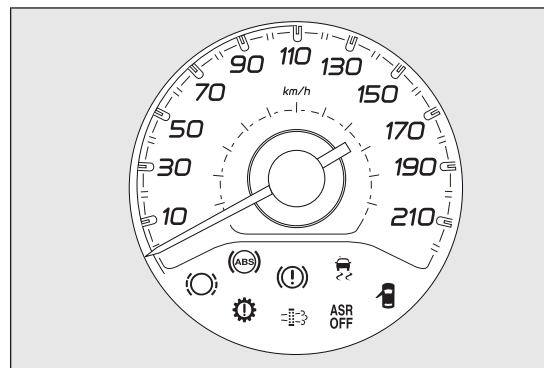


fig. 9

F0T0804

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

FUEL LEVEL GAUGE

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

Warning light A fig. 11 comes on to indicate that approximately 6-7 litres of fuel are left in the tank.

E - tank empty.

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

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

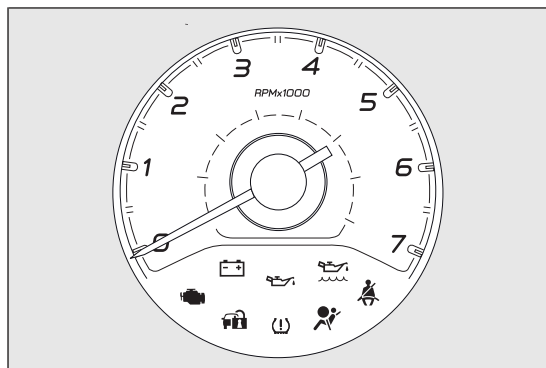


fig. 10

FOT0805

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

ENGINE COOLANT TEMPERATURE INDICATOR

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

C - Low engine coolant temperature.

H - High engine coolant temperature.

Warning light B fig. 11 may switch on (together with a message on the display) to indicate that the coolant temperature is too high; in this case, stop the engine and contact a Fiat Dealership.

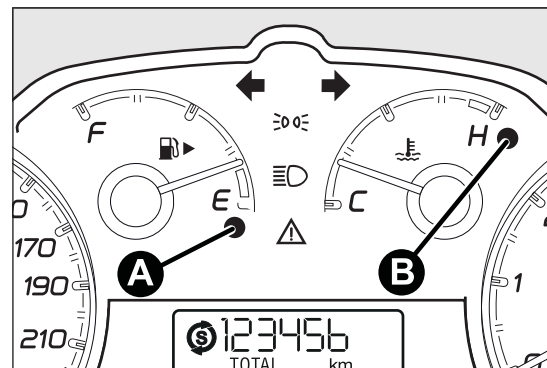


fig. 11

FOT0806



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

MULTIFUNCTION DISPLAY

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

STANDARD SCREEN

The standard screen shows the following information fig. 12:

- A** Date
- B** Milometer (distance covered in km or miles).
- C** Time.
- D** Outside temperature (for versions/markets, where provided) (for Natural Power and Dualogic versions with outside temperature sensor, the display is in the Trip Menu, see "Trip Computer").
- E** Headlamp alignment position (only with dipped headlamps on).

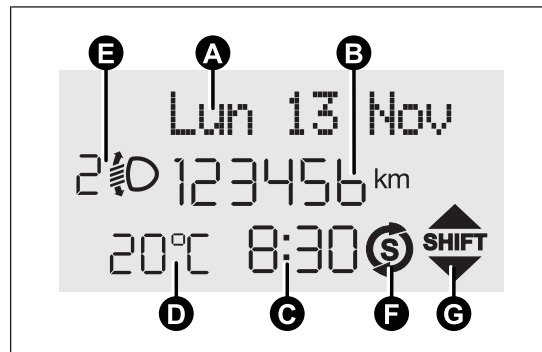


fig. 12

F0T0421

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F Start&Stop function indication (for versions/markets, where provided).

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

Note When one of the front doors is opened, the display is activated, showing the time and mileage for a few seconds.

CONTROL BUTTONS

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

SET ➡

Press briefly to access the menu and/or go to next screen or to confirm the required menu option.

Hold down to go back to the standard screen.

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

Note The buttons ▲🔍 and ▼🔍 buttons activate different functions according to the situation as follows:

Headlight alignment adjustment

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

Setup menu

- within the menu, they allow you to scroll up and down;

- during setting operations they allow an increase or decrease.

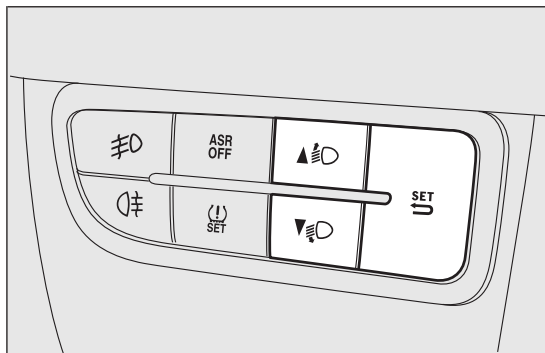


fig. 13

FOT0500

SETUP MENU

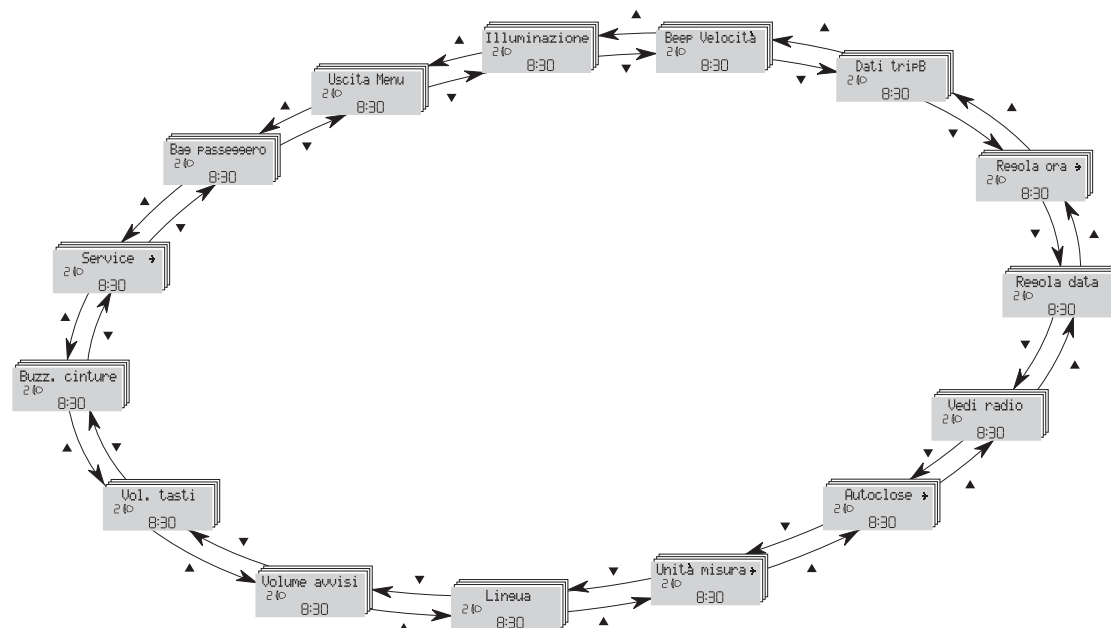


fig. 14

FOT1032

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Setup menu functions

The fig. 14 menu comprises a series of functions arranged in a circular way, which can be selected through the  and  buttons to access the different selection operations and settings (setup) given in the following paragraphs. A submenu is provided for some items (Setting the clock and Set units).

The set-up menu is activated by pressing the **SET**  button briefly.

Single presses of the  or  buttons permit navigation through the setup menu options.

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

Selecting an option from the main menu without a submenu:

press the **SET**  button briefly to select the main menu setting you wish to change;

- press the  or  buttons (with a single press) to select the new setting;

press the **SET**  button briefly to save the new setting and go back to the previous main menu option.

Selecting an option from the main menu with a submenu:

briefly press the **SET**  button to display the first submenu option;

- press the  or  buttons (with a single press) to scroll through all submenu options;

press the **SET**  button briefly to select the displayed submenu option and to open the relevant settings menu;

- press the  or  buttons (with a single press) to choose the new setting for this submenu option;

press the **SET**  button briefly to store the new setting and go back to the previous submenu option.

Selecting “Date” and “Set Clock”:

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

- press the  or  buttons (with a single press) to select the new setting;

- press the **SET**  button briefly to store the new setting and at the same time go to the next set-up menu option. If the processed option is the last one, the system brings you back to the previously selected option of the menu.

Hold down the **SET** button:

- to exit the set-up menu if you are in the main menu;

- to exit the main menu if you are in another point of the menu (e.g.: at submenu option setting level, at submenu level or at main menu option setting level);

- to save only the changes already stored by the user (and confirmed by pressing the **SET**  button).

The set-up menu page is timed. When the menu is exited due to the expiry of the time allowed, only

the changes already stored by the user (and confirmed by pressing the **SET** ➡ button briefly) will be saved.

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

Press the ▲⬆ or ▼⬆ buttons to navigate within the menu.

Note Only the reduced menu can be accessed while the vehicle is moving for safety reasons ("Speed Beep" setting). Stop the vehicle to access the full menu.

Adjusting the vehicle interior lighting

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

To adjust the light intensity, proceed as follows:

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

Speed limit (Speed Beep)

This function makes it possible to set the vehicle speed limit (km/h or mph). When this limit is

exceeded the driver is immediately alerted (see "Warning lights and messages" section).

To set the desired speed limit, proceed as follows:

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

Note Setting is possible between 30 and 200 km/h, or 20 and 125 mph, according to the previously set unit. See the "Setting the unit of measurement (Measurement unit)" paragraph described below. The setting will increase/decrease by 5 units each time button ▲⬆ / ▼⬆ is pressed. Hold down the ▲⬆ / ▼⬆ button to automatically increase/decrease the setting rapidly. Complete the adjustment with single presses of the button when you approach the desired value.

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

To cancel the setting, proceed as follows:

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

Trip B On/Off (Trip B data)

This function can be used to activate (On) or deactivate (Off) the Trip B display (partial trip).

For more information see the "Trip computer" paragraph.

Proceed as follows to switch the function on/off:

- briefly press the **SET**  button to make the display flash (On) or (Off) according to what was previously set;
- press button  or  to select;
- press the **SET**  button briefly to go back to the menu screen or hold the button down to go back to the standard screen without saving.

Setting the clock (Set time)

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

To carry out the adjustment, proceed as follows:

- press the **SET**  button briefly and the two submenus "Time" and "Format" will be displayed;
- press the  or  button to switch between the two submenus;
- once you have selected a submenu, press **SET**  briefly;
- when you select "Time", pressing the **SET**  button briefly makes the "hours" flash on the display;
- press the  or  button to adjust;

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

- press the  or  button to adjust;

When you select "Format": briefly pressing the **SET**  button makes the display mode flash on the display;

- press button  or  to select "24h" or "12h" mode.

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

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

Setting the date (Set Date)

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

Proceed as follows to update:

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

Note The setting will increase or decrease by one unit each time the ▲ or ▼ button is pressed. Keeping the button pressed causes an automatic rapid value increase/decrease. Complete the adjustment with single presses of the button when you approach the desired value.

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

Audio information (See radio)

This function is used to display radio information.

- Radio: selected radio station frequency or RDS message, automatic tuning activation or AutoSTore;
- Audio CD, MP3 CDs: track number;
- CD Changer: CD number and track number;

To show the sound system information on the display (On) or clear it (Off), proceed as follows:

- briefly press the **SET**  button to make the display flash (On) or (Off) according to what was previously set;
- press button ▲ or ▼ to select;
- press the **SET**  button briefly to go back to the menu screen or hold the button down to go back to the standard screen without saving.

Automatic central locking with vehicle moving (Autoclose)

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

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

- press the **SET**  button briefly to display a submenu;
- briefly press the **SET**  button to make the display flash (On) or (Off) according to what was previously set;

- press button ▲ or ▼ to select;

briefly press the **SET**  button to return to the submenu screen or hold the button down to return to the main menu screen without saving;

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

Setting the unit of measurement

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

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

- briefly press the **SET**  button to display the three submenus;

- press button ▲ or ▼ to navigate through the three submenus;
- once you have selected the submenu to be changed, press the **SET**  button briefly;

- if you enter the "Distances" submenu, pressing the **SET**  button briefly makes the display show "km" or "mi" (depending on the previous setting);

- press button ▲ or ▼ to select;

- if you enter the "Consumption" submenu, pressing the **SET**  button briefly makes the display show "km/l", "l/100km" or "mpg" (depending on the previous setting);

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

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

- press button ▲ or ▼ to select;

- when you enter the "Temperature" submenu, pressing the **SET**  button briefly makes "°C" or "°F" appear on the display depending on the previous setting;

- press button ▲ or ▼ to select;

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

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

Selecting the language (Language)

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

To set the desired language, proceed as follows:

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

- press button ▲ or ▼ to select;

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

Adjust the failure/warning buzzer volume (Buzzer Volume)

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

To set the desired volume, proceed as follows:

- briefly press the **SET**  button, the previously set volume "level" will flash on the display;

- press the ▲ or ▼ button to adjust;

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

Adjusting the button volume (Button Vol.)

This function is used to set the volume of the acoustic signal accompanying the activation of the **SET** , ▲ and ▼ buttons through 8 levels.

To set the desired volume, proceed as follows:

- briefly press the **SET** ➡ button, the previously set volume "level" will flash on the display;
- press the ▲🔊 or ▼🔊 button to adjust;
- press the **SET** ➡ button briefly to go back to the menu screen or hold the button down to go back to the standard screen without saving.

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

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

Scheduled Servicing (Service)

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

To consult the information, proceed as follows:

- press the **SET** ➡ button briefly: the display will show when servicing is due in km or mi according to the previous setting (see paragraph "Units of measurement");
- briefly press the **SET** ➡ button to go back to the menu screen or hold the button down to go back to the standard screen.

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

Below 200 km servicing indications are more frequent. The display will be in km or miles according to the unit of measurement set. When the next service is close, when the ignition is turned ON the word "Service" appears in the display followed by the remaining number of kilometres/miles. Go to a Fiat Dealership, where the "Scheduled Service Plan" operations will be performed and the message will be reset.

Passenger airbag and side bag activation/deactivation (Passenger bag)

(for versions/markets, where provided)

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

Proceed as follows:

- ❑ - press the **SET** ➡ button and, after the display shows the message (Passenger bag: Off) (to deactivate) or the message (Passenger Bag: On) (to activate) by pressing the ▲🔊 and ▼🔊 buttons, press the **SET** ➡ button again;
- ❑ the confirmation request message will appear on the display;

- ❑ press buttons ▲ or ▼ to select (Yes) (confirming activation/deactivation) or (No) (to abort);
- ❑ press the SET  button briefly: a message confirming the selection will be displayed and you will return to the menu screen or, pressing the button for longer, you will return to the standard screen without saving.

Exit Menu

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

Pressing the **SET**  button briefly will return the display to the standard screen without storing.

Press button ▼ to return to the first menu item on the display (Speed Beep).

TRIP COMPUTER

General features

The Trip computer is used to display information on vehicle operation when the ignition key is turned to MAR. This function allows you to define two separate trips, called "Trip A" and "Trip B", for monitoring the "complete mission" (journey) of the vehicle in a reciprocally independent manner. Both functions can be reset (start of a new journey).

"Trip A" is used to display the values relating to:

- ❑ Outside temperature (for Natural Power vehicles equipped with temperature sensor)
- ❑ Range
- ❑ Distance travelled
- ❑ Average consumption
- ❑ Current consumption
- ❑ Average speed
- ❑ Travel time (driving time).

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

- ❑ Distance travelled B
- ❑ Average consumption B
- ❑ Average speed B
- ❑ Travel time B (driving time).



reset.

“Trip B” may be disabled (see “Activating Trip B”). “Range” and “Instant consumption” parameters cannot be

Values displayed

Range (for versions/markets where provided)

This value shows the distance that the car can still cover before needing fuel, assuming that driving style is unvaried. “- - -” will appear on the display in the following cases:

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

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

Distance travelled

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

Average consumption

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

Current consumption

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

Average speed

Shows the average speed of the vehicle by using the overall time elapsed since the start of a new journey.

Journey time

Time elapsed since the start of the new journey.

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

Control TRIP button

The TRIP button is located at the end of the right stalk fig. 15. With the ignition key turned to MAR-ON, this button allows you to view the previously described values and also zero them to begin a new journey:

- ☐ press briefly to display the different values;
- ☐ long push to reset and then start a new journey.

This begins after a reset:

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- ❑ “manual” resetting by the user, by pressing the relevant button;
- ❑ automatically when the distance travelled reaches 9,999.9 km (miles) or when the journey time reaches 99.59:59 (99 hours and 59 minutes);
- ❑ disconnection/reconnection of the battery.

IMPORTANT The reset operation when “Trip A” details are being displayed only resets the information associated with this function.

IMPORTANT The reset operation when “Trip B” details are being displayed resets only the information associated with this function.

With ignition key at MAR, press and hold the TRIP button for more than 2 seconds to reset.

Exit Trip

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

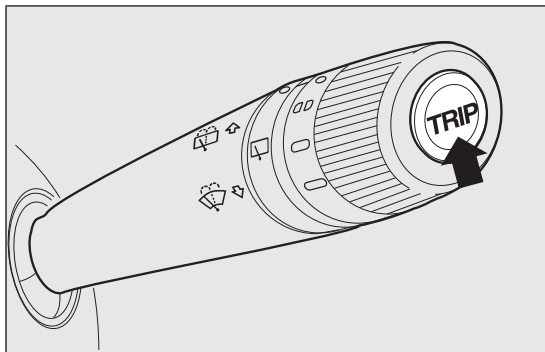


fig. 15

F0T0038

SEATS

FRONT SEATS



WARNING

All adjustments must be made with the vehicle stationary.

Lengthwise adjustment

Lift lever A fig. 16 and push the seat forwards or backwards: in the driving position your arms should rest on the rim of the steering wheel.

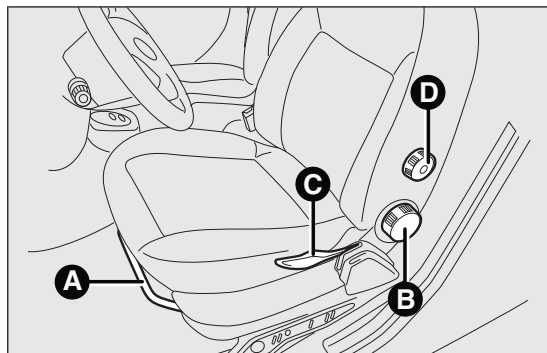


fig. 16

F0T0153



WARNING

Once you have released the adjustment lever, always check that the seat is locked on the guides by trying to move it back and forth. If it is not locked, the seat may move unexpectedly and make you lose control of the vehicle.

Backrest angle adjustment

Turn knob B fig. 16.

Height adjustment (driver only)

(for versions/markets, where provided)

Operate lever C fig. 16 to lift or lower the rear part of the cushion to achieve the most comfortable driving position.

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

Driver seat lumbar adjustment

(for versions/markets, where provided)

Turn knob D fig. 16 to adjust the backrest support.

Seat heating

(for versions/markets, where provided)

With the key turned to MAR, press button A fig. 17 to switch the function on/off.

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

FOLDAWAY PASSENGER SEAT (for versions/markets, where provided)

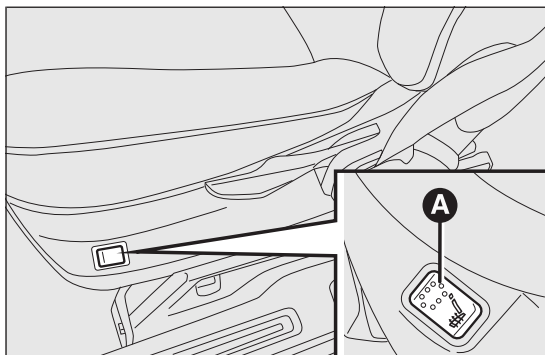


fig. 17

F0T0205

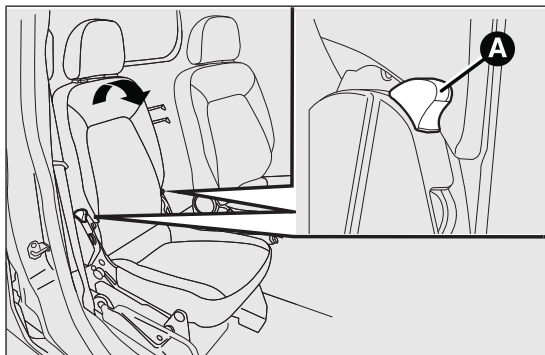


fig. 18

F0T0235

The passenger seat can be folded away on some versions.

IMPORTANT Move the seat only when there are no rear passengers.

Folding the seat

To fold the seat, proceed as follows:

- ☐ open the passenger door;
- ☐ pull lever A fig. 18 and fold the backrest forwards in the direction indicated by the arrow;
- ☐ then push the backrest B fig. 19 down: the seat is now completely folded over on itself into the "table" position;
- ☐ pull flap C fig. 19 and push the backrest down further: the seat is now completely folded away.

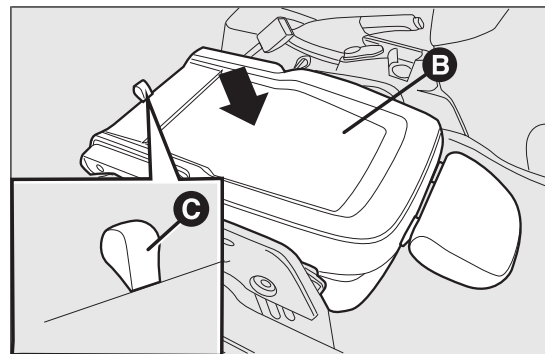


fig. 19

F0T0457

Repositioning the seat

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

- ❑ take tab C fig. 19 and lift the backrest up;
- ❑ operate levers B fig. 20 and further lift the seat upwards.

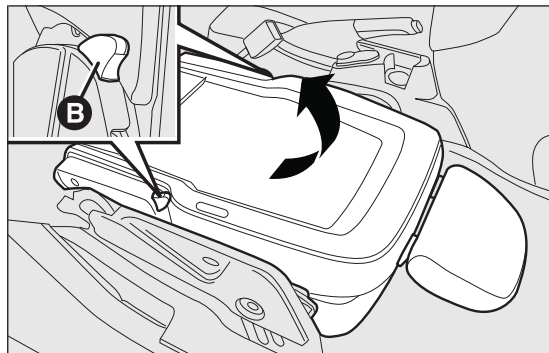


fig. 20

F0T0237



WARNING

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

ACCESSING REAR SEATS (Combi versions)

Open one of the two sliding side doors to access the rear seats (see "Doors" in this section).

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FIXED PARTITION (for N1 4 seat versions)

This is located behind the backrest of the rear seats fig. 21.

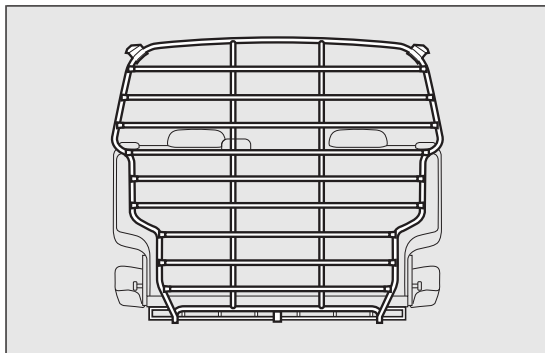


fig. 21

F0T0340

HEADREST

FRONT

These are height-adjustable and lock into place automatically fig. 22.

- ☐ Upward adjustment: lift the headrest until it locks.
- ☐ Downward adjustment: press button A fig. 22 and lower the headrest.

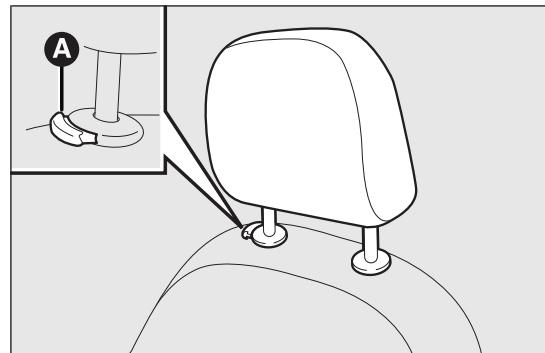


fig. 22

F0T0053



WARNING

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

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

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

REAR

(for versions/markets, where provided)

Lift up to use.

To put the headrests away, press buttons A fig. 23fig. 24 and push them down into the backrest.

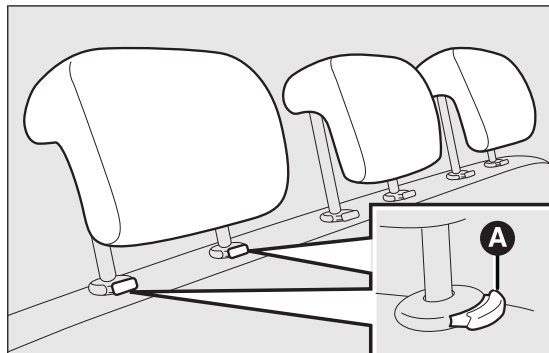


fig. 23

F0T0054

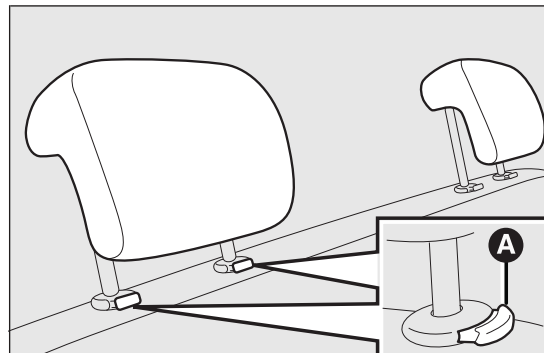


fig. 24 - NI versions (4 seats)

F0T0341

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STEERING WHEEL

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

To carry out the adjustment, proceed as follows:

- ☐ release lever A fig. 25 by pushing it forwards (position 1);
- ☐ adjust the steering wheel;
- ☐ lock lever A by pulling it towards the steering wheel (position 2).



WARNING

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



WARNING

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

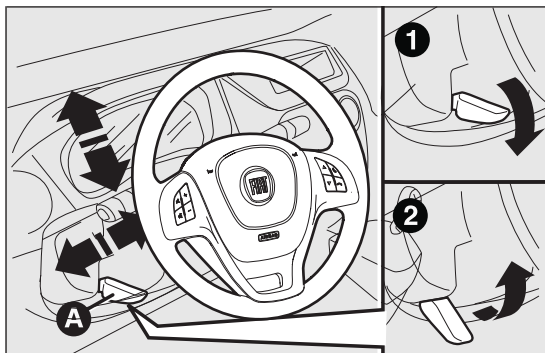


fig. 25

F0T0040

REAR-VIEW MIRRORS

INTERIOR REAR-VIEW MIRROR

(for versions/markets, where provided)

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

WING MIRRORS

Manual mirror folding

When required (for example when the shape causes difficulty in narrow spaces), the mirrors can be folded by moving them from position A fig. 27 to position B.

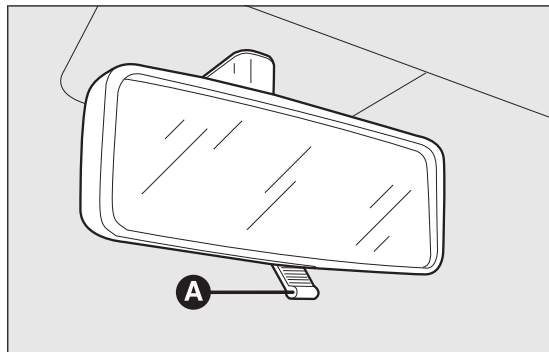


fig. 26

F0T0027



WARNING

When driving, the mirrors shall always be in position A fig. 27



WARNING

The door mirrors, being curved, slightly alter the perception of distance.

Manual adjustment

From inside, use device A fig. 28.

Electric adjustment

(for versions/markets, where provided)

You can only adjust the door mirrors electrically when the ignition key is turned to MAR.

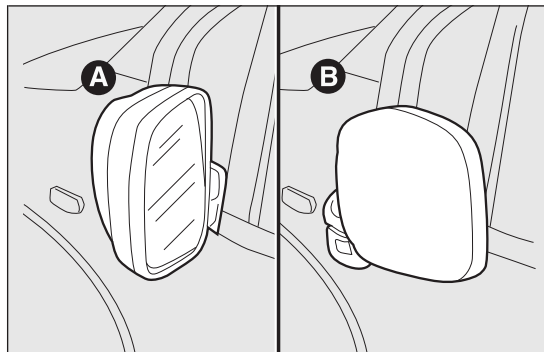


fig. 27

F0T0042

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Proceed as follows:

- ☐ select the required mirror with switch A fig. 29 (right or left);
- ☐ move switch A to position B and manipulate it to adjust the left wing mirror;

- ☐ move switch A to position D and manipulate it to adjust the right wing mirror.

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

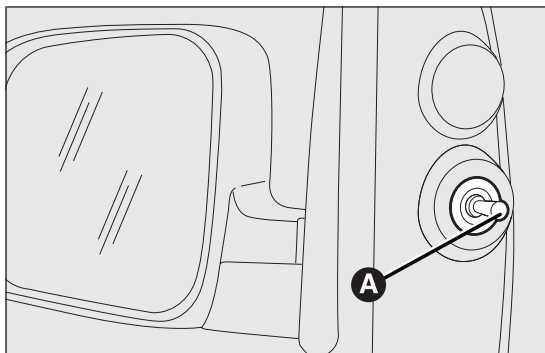


fig. 28

F0T0194

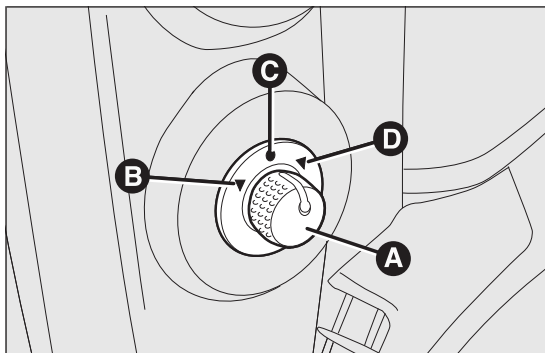


fig. 29

F0T0041

HEATING AND VENTILATION SYSTEM

AIR VENTS

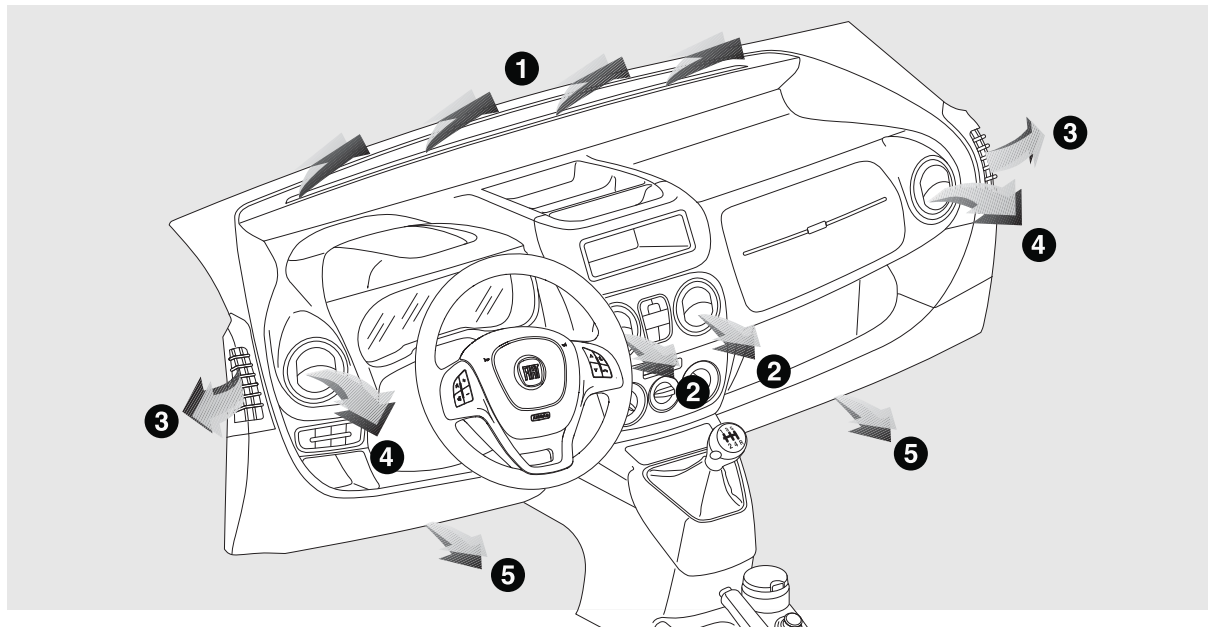


fig. 30

FOT0148

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

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CENTRAL AND SIDE VENTS

A Adjustable side vent fig. 31

B Side window fixed vent fig. 31

C Adjustable central vents fig. 32

To use vents A and C, adjust them as required.

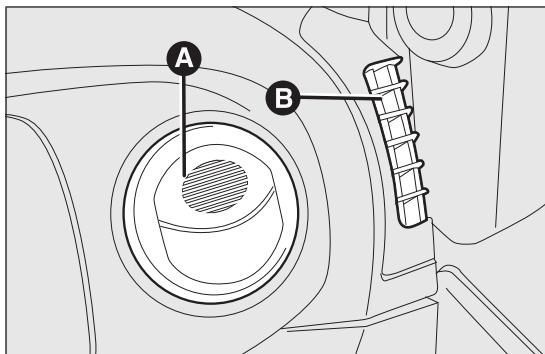


fig. 31

F0T0031

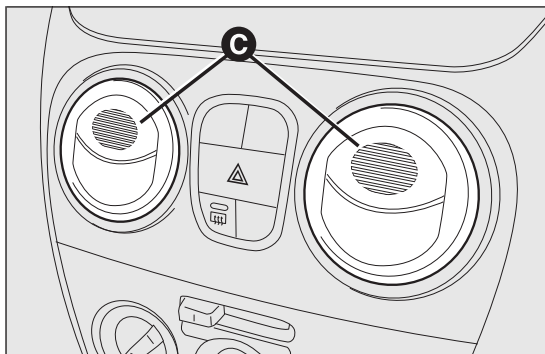


fig. 32

F0T0030

HEATING AND VENTILATION

COMMANDS

The main heating and ventilation commands are listed below fig. 33:

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

B air recirculation on/off slider

C fan activation knob

D air distribution knob.

TEMPERATURE COMFORT

Knob D enables fresh air to reach all parts of the passenger compartment through five options:

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

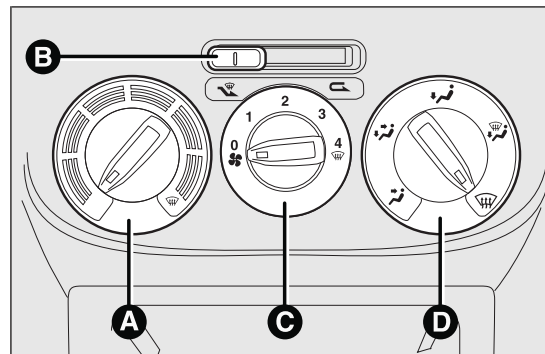


fig. 33

F0T0074

-  allows the passenger compartment to be warmed more quickly;
-  warms up the passenger compartment and demists the windscreen at the same time;
-  demists and defrosts the windscreen and front side windows.

HEATING

Proceed as follows:

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

FAST HEATING

Proceed as follows:

- ☐ close all the vents in the dashboard
- ☐ turn knob A to 
- ☐ turn knob C to 4 
- ☐ turn knob D to 

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

Proceed as follows:

- ☐ turn knob A to 
- ☐ turn knob C to 4 
- ☐ turn knob D to 
- ☐ take the slider B to .

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

Window demisting

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

- ☐ take the slider B to 
- ☐ turn knob A to 
- ☐ turn knob C to 2
- ☐ turn knob D to  with the option of moving to position  if there is no sign of the windows steaming up.

REGULATING THE FAN SPEED

To ventilate the passenger compartment properly, proceed as follows:

- ☐ fully open the central and side air vents

- ❑ knob A turned to blue section
- ❑ take the slider B to 
- ❑ turn knob C to the required speed
- ❑ turn knob D to 

INTERNAL AIR RECIRCULATION ACTIVATION

Take the slider B to .

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

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

IMPORTANT The internal air recirculation system makes it possible to reach the required heating or cooling conditions more quickly. Do not use the internal air recirculation function on rainy/cold days to avoid the possibility of the windows misting.

DEMISTING/DEFROSTING OF HEATED REAR WINDSCREEN AND DOOR MIRRORS

(for versions/markets, where provided)

Press button  fig. 34 to activate the function. The LED on the button comes on to indicate activation. Press  again to disable the function in advance.

IMPORTANT Do not apply stickers on the inside of the rear window over the heating filaments to avoid damage that might cause it to stop working properly.

SUPPLEMENTARY HEATER

(for versions/markets, where provided)

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

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

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

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

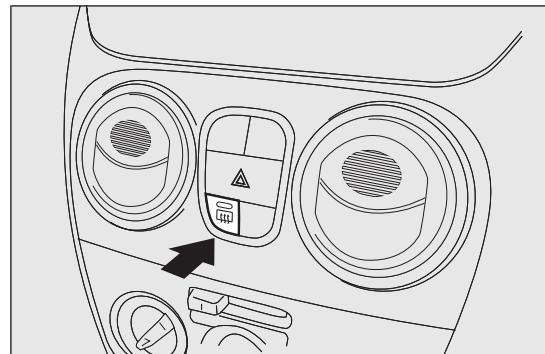


fig. 34

F0T0048

MANUAL CLIMATE CONTROL SYSTEM

(for versions/markets, where provided)

COMMANDS

The main heating and ventilation controls are listed below fig. 35:

- A** air temperature adjustment knob (hot/cold air mixing);
- B** internal air recirculation on/off cursor;
- C** fan and climate control system on/off knob;
- D** air distribution knob.

TEMPERATURE COMFORT

Knob D enables fresh air to reach all parts of the passenger compartment through five options:

🌀 delivers air from central and side vents

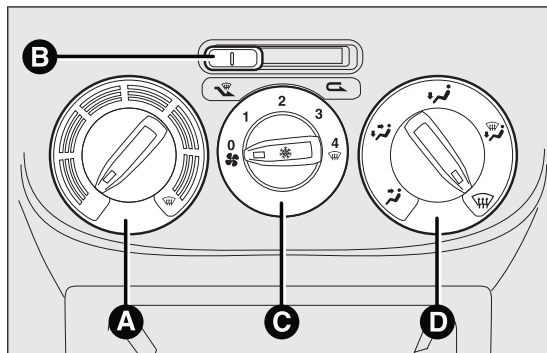


fig. 35

FOT0029

- 🌀🌀 warms the feet and keeps the face cool (bi-level function)
- 🌀🌀 warms up the passenger compartment faster
- 🌀🌀 warms up the passenger compartment and demists the windscreen at the same time
- 🌀🌀 demists and defrosts the windscreen and front side windows.

HEATING

Proceed as follows:

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

FAST HEATING

Proceed as follows:

- ☐ close all the vents in the dashboard
- ☐ turn knob A to 🌀🌀
- ☐ turn knob C to 🌀🌀
- ☐ turn knob D to 🌀🌀

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

Proceed as follows:

- ☐ turn knob A to 
- ☐ turn knob C to 
- ☐ turn knob D to 
- ☐ take the slider B to .

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

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

Window demisting

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

- ☐ take the slider B to 
- ☐ turn knob A to 
- ☐ turn knob C to 2
- ☐ turn knob D to  with the option of moving to position  if there is no sign of the windows steaming up.

REGULATING THE FAN SPEED

To ventilate the passenger compartment properly, proceed as follows:

- ☐ fully open the central and side air vents
- ☐ knob A turned to blue section
- ☐ take the slider B to 
- ☐ turn knob C to the required speed
- ☐ turn knob D to 

INTERNAL AIR RECIRCULATION ACTIVATION

Take the slider B to .

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

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

IMPORTANT IMPORTANT The air recirculation system makes it possible to reach the required heating or cooling conditions faster. Do not use the air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting.

CLIMATE CONTROL (cooling)

Proceed as follows:

- ☐ knob A turned to blue section

- ❑ turn knob C to 
- ❑ take the slider B to 
- ❑ turn knob D to 
- ❑ press knob C.

Adjusting cooling

Proceed as follows:

- ❑ take the slider B to 
- ❑ turn knob A rightwards to increase the temperature
- ❑ turn knob C leftwards to reduce the fan speed.

DEMISTING/DEFROSTING OF HEATED REAR WINDSCREEN AND DOOR MIRRORS (for versions/markets, where provided)

Press button  fig. 36 to activate the function. The LED on the button comes on to indicate activation.

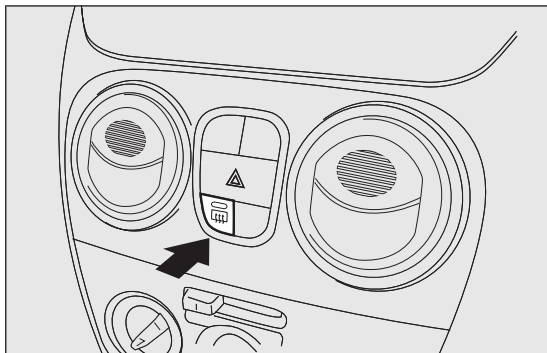


fig. 36

F0T0048

Press  again to disable the function in advance.

IMPORTANT Do not apply stickers on the inside of the rear window over the heating filaments to avoid damage that might cause it to stop working properly.

SUPPLEMENTARY HEATER

(for versions/markets, where provided)

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

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

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

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

SYSTEM MAINTENANCE

Run the climate control system for at least 10 minutes every month during the winter. Have the system inspected at a Fiat Dealership before the summer.

EXTERIOR LIGHTS

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

The exterior lights can only be switched on when the ignition key is in MAR.

The instrument panel and the various controls on the dashboard will be lit up when the exterior lights are switched on.

LIGHTS OFF

Ring turned to position ○.

SIDE LIGHTS - TAIL LIGHTS

Turn the ring to position ☼. The instrument panel warning light ☼ will come on.

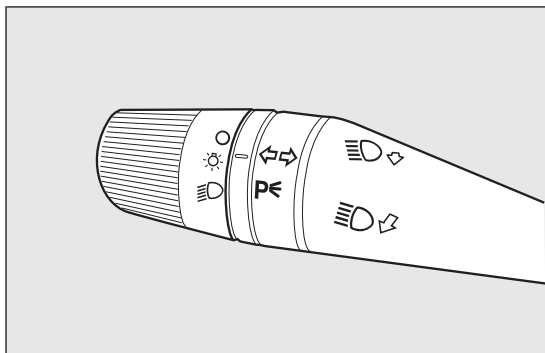


fig. 37

F0T0430

PARKING LIGHTS

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

The instrument panel warning light ☼ will come on. Actuate the direction indicator stalk to select the side of the lights (right or left).

DIPPED BEAM HEADLIGHTS

Turn the ring to position ☾. The instrument panel warning light ☼ will come on.

MAIN BEAM HEADLIGHTS

With the ring in position ☾, pull the stalk towards the steering wheel (2nd unstable position). The instrument panel warning light ☼ will come on.

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

FLASHING THE HEADLIGHTS

Pull the stalk towards the steering wheel (1st unstable position) regardless of the position of the control.

The instrument panel warning light ☼ will come on.

DIRECTION INDICATORS

Move the stalk to position fig. 38 (unstable):

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

Warning light  will blink on the instrument panel.

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

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

Lane change function

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

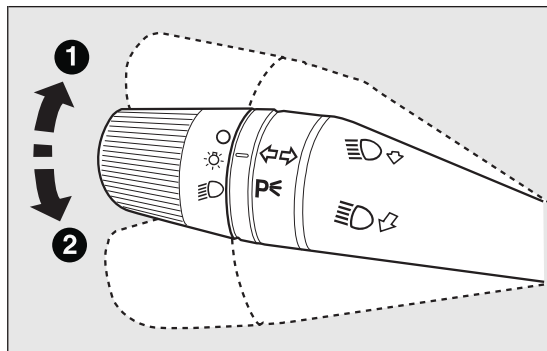


fig. 38

F0T0431

The direction indicator on the selected side will flash three times and then switch off automatically.

“FOLLOW ME HOME” DEVICE

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

Activation

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

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

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

Deactivation

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

WINDOW CLEANING

The right stalk fig. 39 controls windscreen wiper/washer and heated rear window wiper/washer operation (for versions/markets, where provided).

WINDSCREEN WIPER/WASHER

This only operates with the ignition turned to MAR.

The right stalk can assume five different positions:

- windscreen wiper still.
- ⏏ intermittent operation.
- ⏏ continuous slow flick.
- ⏏ continuous fast flick.

Move the stalk to position fig. 39 (unstable) to limit operation to the time for which the stalk is held in this position.

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

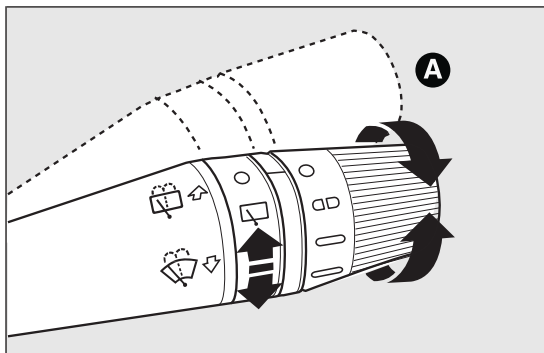


fig. 39

F0T0432

With the twist switch at ⏏, the windscreen wiper will automatically adapt to the speed of the vehicle.

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



Do not use the windscreen wipers to remove layers of snow or ice from the windscreen. In such conditions, the windscreen wipers may be subjected to excessive stress, prompting intervention from the motor protection which prevents operation for a few seconds. Contact the Fiat Dealership if operation is not restored.

“Smart washing” function

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

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

The wiper stops working three strokes after the stalk is released.

A further stroke after approx. 6 seconds completes the wiping cycle.

REAR WINDOW WIPER/WASHER

(for versions/markets, where provided)

This only operates with the ignition turned to MAR.

Activation

Turn the ring to  to operate the rear window wiper as follows:

- ☐ intermittent operation if the windscreen wiper is off;
- ☐ in synchronous mode (at half the speed of the windscreen wiper) when the windscreen wiper is on;
- ☐ in continuous mode with reverse gear engaged and the control active.

With the windscreen wiper on and reverse gear engaged, rear window wiping will be continuous.

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

Deactivation

The function stops when the stalk is released.



Do not use the rear window wiper to remove layers of snow or ice. In such conditions, the wiper may be subjected to excessive stress and the motor protection, which prevents operation for a few seconds, may intervene. Contact the Fiat Dealership if operation is not restored.

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CRUISE CONTROL

(for versions/markets, where provided)

This is an electronic driving aid that allows you to drive at a speed of above 30 km/h on long and straight dry roads with few driving changes (e.g. motorways) at a preset speed without having to press the accelerator pedal. Therefore it is not recommended to use this device on extra-urban roads with traffic. Do not use it in town.

Switching the device on

When the device is activated, light  comes on together with the relevant message on the instrument panel (for versions/markets, where provided).

The function cannot be turned on in first gear or reverse. It is advisable to use the function in fourth gear or higher.

When travelling downhill with the device engaged, the vehicle speed may exceed the stored setting.

Memorizing vehicle speed

Proceed as follows:

- ☐ turn ring nut A fig. 40 to the ON position and press the accelerator pedal so that the vehicle reaches the desired speed;
- ☐ move the stalk upwards (+) for at least one second, then release it. The vehicle speed is now stored and you can therefore release the accelerator pedal.

If necessary (when overtaking for instance) acceleration is possible by simply pressing the accelerator pedal: releasing the accelerator pedal, the car will return to the speed memorised previously.

Restoring the stored speed

If the device has been switched off, for example by pressing the brake or clutch pedal, the memorised speed can be restored as follows:

- ☐ accelerate gently until a speed close to that stored one is reached;
- ☐ engage the gear selected when storing the speed;
- ☐ press button B fig. 40.

Increasing the stored speed

This can be done in two ways:

- ☐ by pressing the accelerator and memorizing the new speed reached;

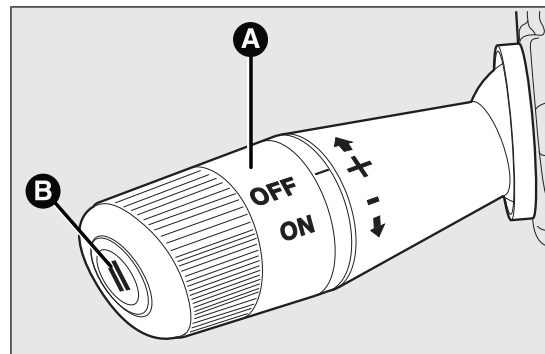


fig. 40

F0T0405

or

- ❑ by moving the lever upwards (+).

Each operation of the lever will correspond to a slight increase in speed of about 1 km/h, while keeping the lever upwards will correspond to a continuous speed increase.

Reducing the memorised speed

This can be done in two ways:

- ❑ by switching off the device and then storing the new speed;

or

- ❑ by moving the lever downwards (-) until the new speed, which will be automatically stored, is reached.

Each movement of the stalk will correspond to a reduction in speed of about 1 km/h, while keeping the stalk held downwards will continuously reduce the speed.

Switching the device off

The device can be switched off by the driver in the following ways:

- ❑ by turning the ring A to the OFF position;
- ❑ by stopping the engine.

Deactivating the function

The device can be switched off by the driver in the following ways:

- ❑ by pressing the brake pedal when the device is adjusting the speed;
- ❑ by pressing the clutch pedal when the device is adjusting the speed;
- ❑ by pressing button B fig. 40 when the device is adjusting the speed (for versions/markets, where provided);
- ❑ by pressing the accelerator pedal (in this case the system is not actually turned off but the acceleration request takes priority; the cruise control remains activated, without the need to the press button B fig. 40 to restore the previous conditions once the acceleration is over).

The device is automatically switched off in the following cases:

- ❑ if the ABS or VDC systems intervene;
- ❑ with the vehicle speed below the set limit;
- ❑ in the case of system failure.



WARNING

When travelling with the device on, never set the gearshift lever to neutral.



WARNING

In the event of device faults or failures, turn knob A to OFF and contact a Fiat Dealership.

CEILING LIGHTS

FRONT CEILING LIGHT WITH MOVABLE LENS

The light comes on automatically when a front door or sliding side door is opened and goes out when it is closed.

Press the left-hand side of the lens A fig. 41, as shown in the diagram, to switch the light on/off when the doors are closed.

FRONT CEILING LIGHT WITH SPOT LIGHTS

(for versions/markets, where provided)

Switch A fig. 42 is used to switch the ceiling lights on/off.

With switch A in the middle position, lights C and D go on/off fig. 42 when the doors are opened/closed.

With switch A pressed to the left, the lights C and D are always off.

With switch A pressed to the right, the lights C and D are always on.

The lights are faded out.

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

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

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

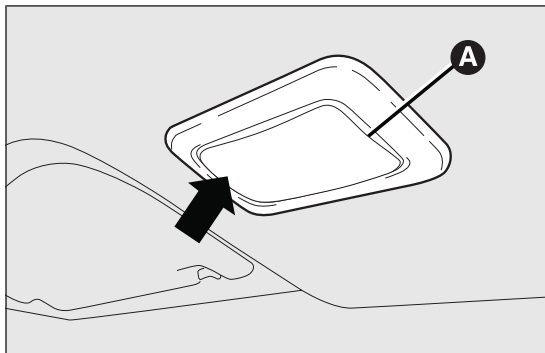


fig. 41

F0T0113

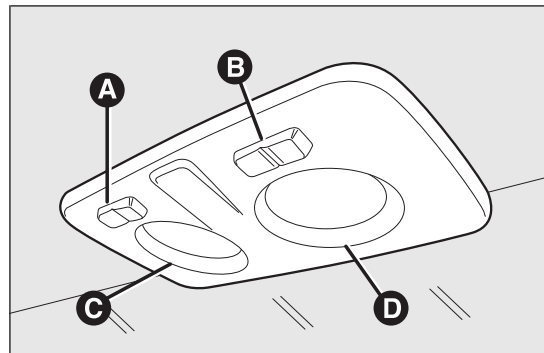


fig. 42

F0T0121

REAR CEILING LIGHT WITH MOVABLE LENS

(for versions/markets, where provided)

The light comes on automatically when a front door or sliding side door is opened and goes out when it is closed.

Press the left-hand side of the lens A fig. 43, as shown in the diagram, to switch the light on/off when the doors are closed.

REAR CEILING LIGHTS WITH REMOVABLE TORCH

(for versions/markets, where provided)

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

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

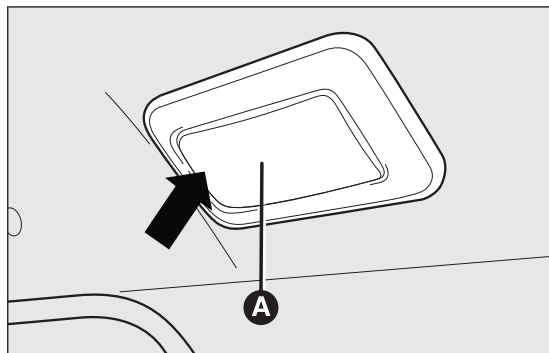


fig. 43

F0T0114

Switch A can be set to three different positions:

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

TORCH FUNCTION

(for versions/markets, where provided)

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

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

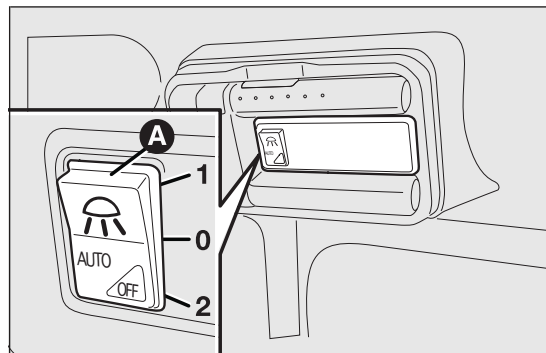


fig. 44

F0T0116

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When the removable light is secured to its fixed support, the electric torch battery is automatically recharged.

With the vehicle stationary and the ignition key either turned to STOP or removed, the courtesy light is recharged for a maximum of 15 minutes.

SWITCHING CEILING LIGHTS ON/OFF

Cargo versions

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

Ceiling lights on without locking the doors

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

Rear ceiling light: on manually.

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

Ceiling lights off when locking the doors

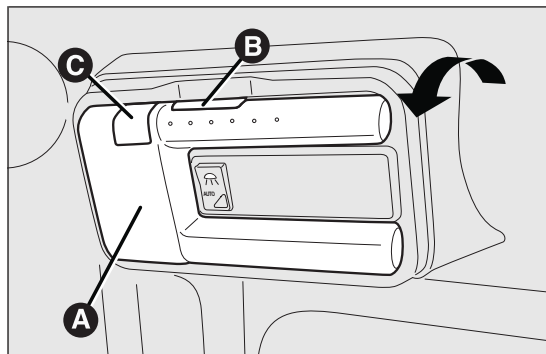


fig. 45

F0T01 I 5

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

With independent load compartment

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

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

Combi versions

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

Ceiling lights on without locking the doors

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

Rear ceiling light: on manually.

Ceiling lights off when locking the doors

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

COMMANDS

HAZARD LIGHTS

They are turned on by pressing switch A fig. 46, regardless of the position of the ignition key.

Instrument panel warning lights  and  lit up when this device is on. Press switch A again to turn the lights off.

IMPORTANT The use of hazard warning lights is governed by the highway code of the country you are in. Keep to the rules.

Emergency braking

(for versions/markets, where provided)

In the event of emergency braking the hazard lights come on automatically along with the instrument panel warning lights  and . The function switches off automatically when the nature of the braking

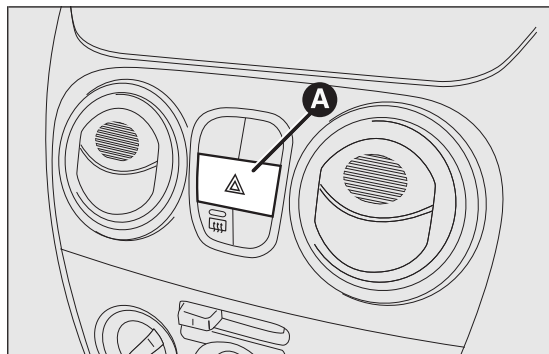


fig. 46

FOT0049

changes. This function complies with the relevant legislations currently in force.

FOG LIGHTS

(for versions/markets, where provided)

Press button  fig. 47 with the side/taillights on to turn the fog lights on. Instrument panel warning light  comes on.

Press the button again to turn the lights off.

REAR FOG LIGHTS

Press button  fig. 47 with the dipped beams or front fog lights on to turn the rear fog lights on. Instrument panel warning light  comes on.

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

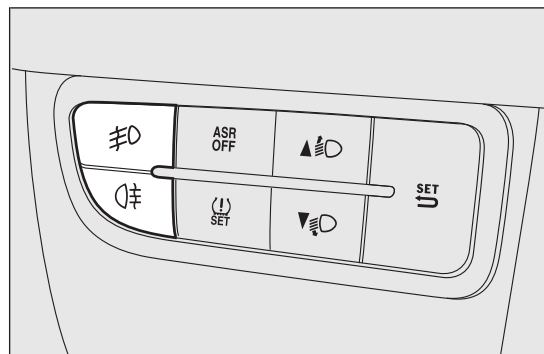


fig. 47

FOT0501

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INTERIOR FITTINGS

DRIVER SIDE ARMREST

(for versions/markets, where provided)

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

Raise or lower the armrest as shown by the arrows fig. 48.

STORAGE COMPARTMENT

This is located in front of the passenger seat fig. 49.

GLOVE COMPARTMENT

(for versions/markets, where provided)

To open it, operate handle A fig. 50

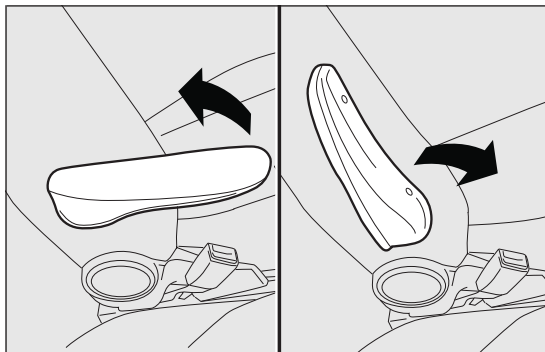


fig. 48

F0T0056



WARNING

Never travel with the glove compartment open: it could injure the passenger in the event of a crash.

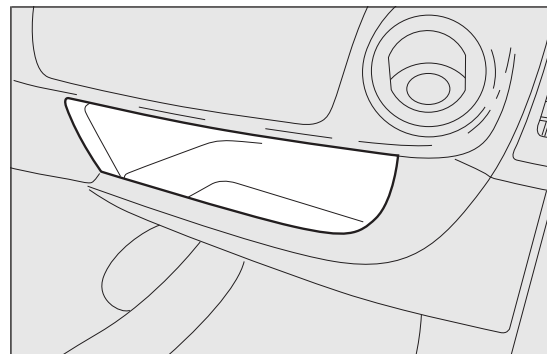


fig. 49

F0T0187

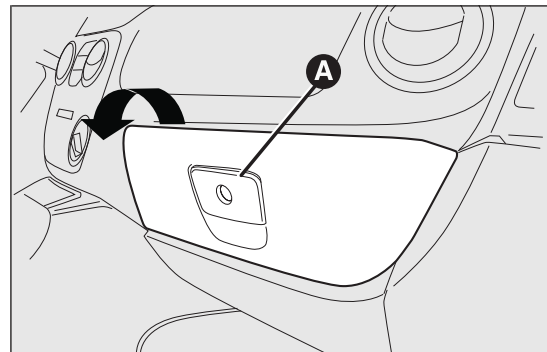


fig. 50

F0T0069

FRONT POWER SOCKET (12V)

This is located on the central unit fig. 51 and only works with the key at MAR.

Lift cap B to use fig. 51.

CIGARETTE LIGHTER

(for versions/markets, where provided)

The cigarette lighter is positioned on the central console. Press button A fig. 51 to switch on the cigar lighter when the ignition key is turned to MAR.

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

IMPORTANT Always check that the cigarette lighter is switched off.

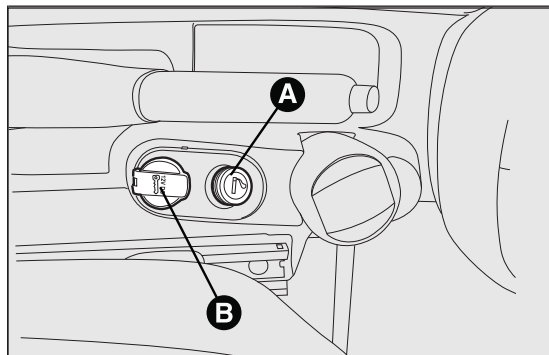


fig. 51

F0T0454



WARNING

The cigar lighter gets extremely hot. Handle it carefully and make sure children don't touch it: risk of fire and/or burning.

USB PORT

(for versions/markets, where provided)

The USB socket A fig. 52 is located in the central console in place of the cigar lighter and can be used only as a charging source for external devices.

ASHTRAY

(for versions/markets, where provided)

The ashtray is a removable spring-loaded plastic box that can be fitted into the cup/can holders on the central console fig. 53.

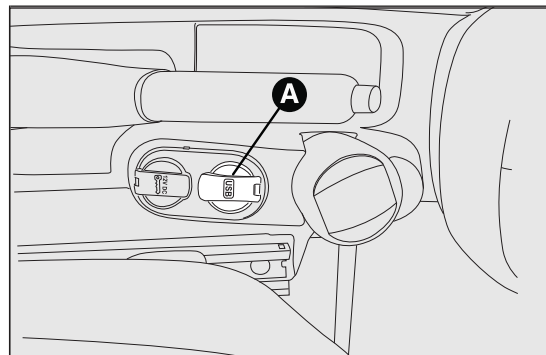


fig. 52

F0T0930

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WARNING

Do not use the ashtray as a waste paper basket: it may catch fire in contact with cigarette stubs.

SUN VISORS

The driver and passenger sun visors fig. 54 can be moved back and forth and to the side.

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

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

HINGED REAR SIDE WINDOWS

(for versions/markets, where provided)

To open, proceed as follows fig. 55 fig. 56:

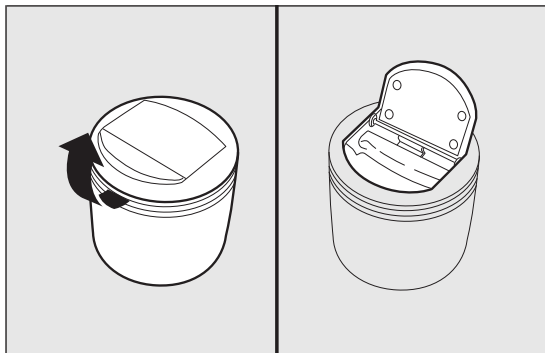


fig. 53

F0T0117

□ move the lever A fig. 56 outwards until the window fully opens.

□ push the lever back until it locks into place.

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

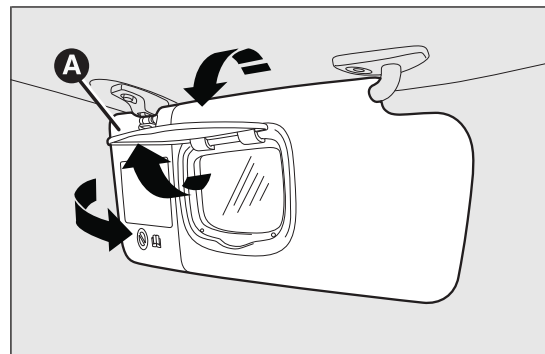


fig. 54

F0T0188

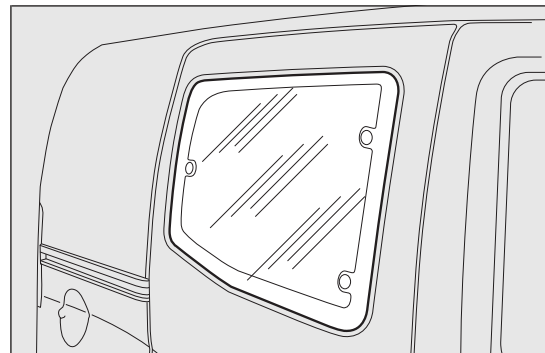


fig. 55

F0T0134

DOORS

DOOR CENTRAL LOCKING/UNLOCKING

Locking from the outside

The doors will be locked only if all doors are shut. If one or more of the doors is open after button  is pressed on the remote control fig. 57, the direction indicators will flash quickly for around three seconds. You can lock all the doors by turning the key clockwise in the driver's door.

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

Unlocking from the outside

Press button  briefly to unlock all the doors, switch on the ceiling lights temporarily and

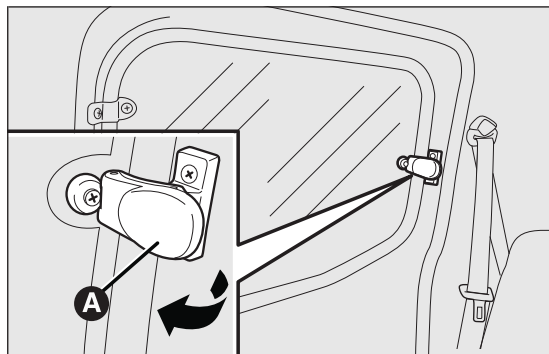


fig. 56

F0T0135

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

SLIDING SIDE DOORS

(for versions/markets, where provided)



WARNING

Before opening a door, ensure that you can do it in safety conditions.



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

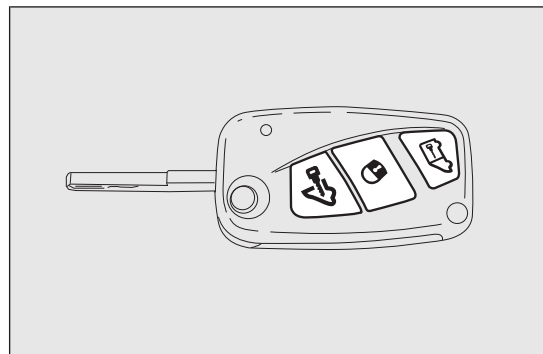


fig. 57

F0T0242

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WARNING

The right sliding side door cannot be opened with the fuel flap open during refuelling.

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

In any case, make sure that the door is properly hooked to the system which keeps the door fully open.



WARNING

Do not leave the sliding side door open when the vehicle is parked on a gradient. A knock could release the latch leaving the door free to move.



WARNING

Before leaving the vehicle parked with sliding doors open, always check that the latch is engaged.

Opening/closing from the outside

Opening: turn the key in the lock and pull the handle fig. 58 in the direction shown by the arrow, then slide the door towards the rear of the vehicle until it locks into place and can go no further.

Closing: push the handle A fig. 58 towards the front of the vehicle. Turn the key with metal insert in the closing direction.

Opening/closing from the inside

Opening: pull lever A fig. 59 and slide the door towards the rear of the vehicle until it can go no further.

Closing: press device A fig. 60 and close the door sliding it towards the front of the vehicle.

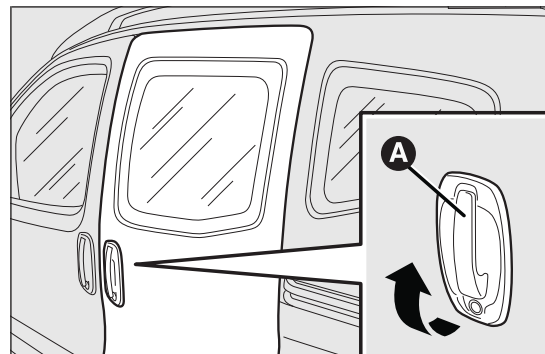


fig. 58

F0T0209

CHILD LOCK

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

The device can be engaged only with the sliding side door open fig. 61:

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

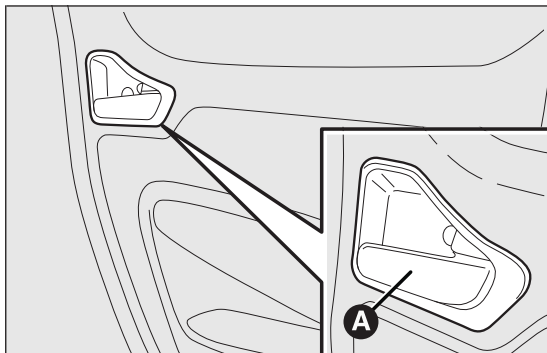


fig. 59

F0T0137

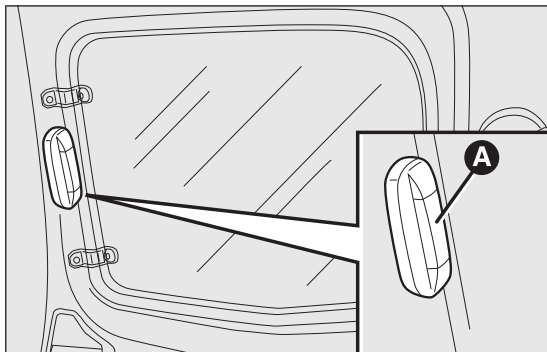


fig. 60

F0T0197

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

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



WARNING

Always use this device when carrying children.

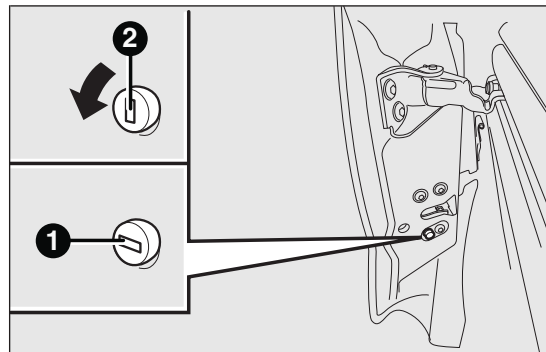


fig. 61

F0T0138

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WINDOWS

FRONT ELECTRIC WINDOWS

(for versions/markets, where provided)

There are buttons fig. 62 on the driver side door panel trim which control the following functions, with the ignition key turned to MAR-ON:

A: Opening/closing left window

B: Opening/closing right window

Push button A or B to open the appropriate window.

Lift button A or B to close the appropriate window.

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

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

IMPORTANT The system will automatically enter "recovery" mode (self-protection) if the anti-crushing function is activated 5 times in only one minute. This condition is apparent because the window closing in stages.

If this occurs, restore the system as follows:

- ☐ open the windows;

or

- ☐ turn the key off (STOP position) and then on (MAR).

If no malfunction is present, the window returns to its normal operation automatically.

IMPORTANT With the key off or removed, the windows remain activated for about two minutes and are deactivated as soon a door is opened.

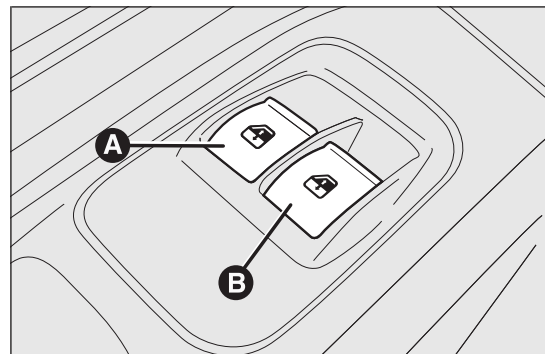


fig. 62

F0T0044



WARNING

Improper use of the electric windows can be dangerous. Before and during their operation ensure that passengers are not at risk from the moving glass, either by personal objects caught in the mechanism or struck by it directly. When leaving the car, always remove the ignition key to avoid the risk of injury due to accidental operation of the electric windows.

MANUAL FRONT WINDOWS

On some versions, the front windows are opened and closed manually.

Wind the handle to open/close.

LUGGAGE COMPARTMENT

OPENING THE TAILGATE FROM THE OUTSIDE

The tailgate (when unlocked) can only be opened from the outside of the car using the electric opening handle A fig. 63 located under the handle.

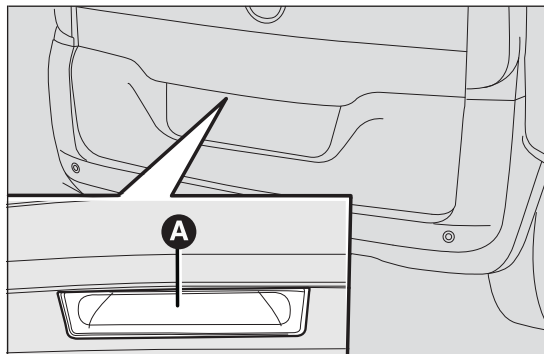


fig. 63

F0T0250

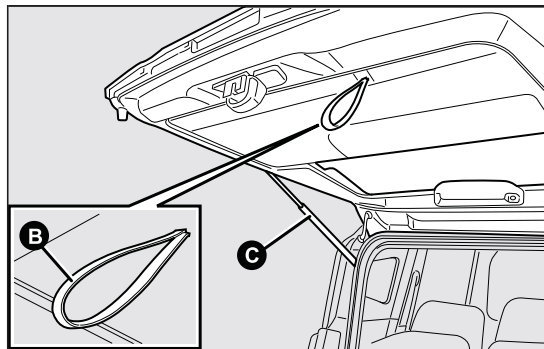


fig. 64

F0T0381

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The tailgate can be opened at any time if the doors are unlocked.

To open it, enable the handle, opening one of the front doors or unlocking the doors with the remote control or using the key without remote control.

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

To close the tailgate use handle B fig. 64.



Do not try to close the tailgate by pressing on the side shock absorbers C fig. 64. Also be careful not to knock the side shock absorbers when you load the boot, to avoid damaging them.

EMERGENCY OPENING FROM THE INSIDE

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

- ☐ Open the sliding side door and fully fold the rear seats;
- ☐ from inside the boot, press lever A fig. 65 and open the tailgate.



WARNING

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



WARNING

Never exceed the maximum allowed load in the boot (see "Technical Specifications" section). 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.

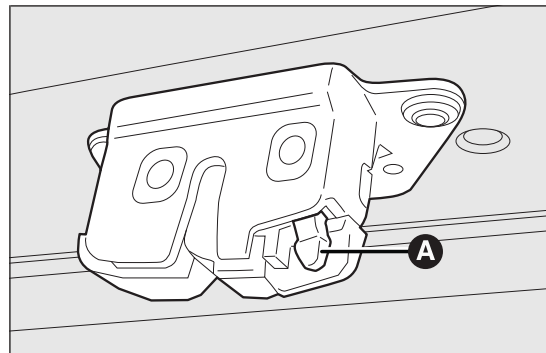


fig. 65

F0T0285

DOUBLE REAR WING DOORS

(for versions/markets, where provided)

The double rear swing doors fig. 66 are fitted with a spring-loaded system that stops them when they have opened to an angle of approximately 90 degrees.

To open them wider to an angle of 180 degrees, push the locking device A fig. 67 (one on each side) as shown in the diagram and simultaneously open the doors.



WARNING

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

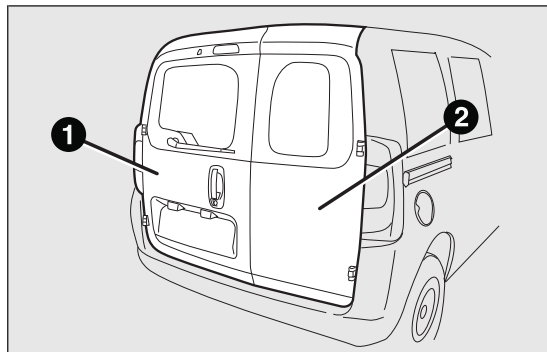


fig. 66

FOT0139

Opening/closing the first swing door from the outside

To open the door, turn the metallic insert of the key in the lock or press button  on the remote control and then pull handle A fig. 68 in the direction of the arrow.

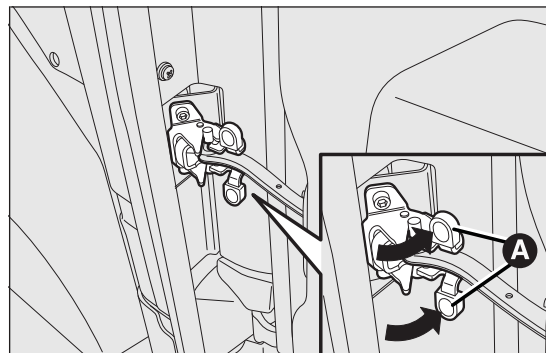


fig. 67

FOT0375

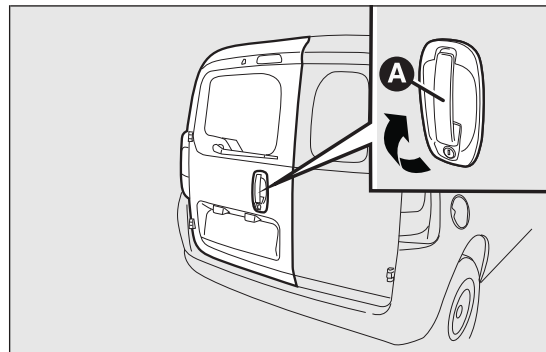


fig. 68

FOT0140

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



WARNING

When closing, shut the right-hand door 2 fig. 66 fully before you close the left-hand door 1 fig. 66. Never shut the two doors at the same time.

Emergency opening of the first swing door from the inside

From inside, use device A fig. 69.

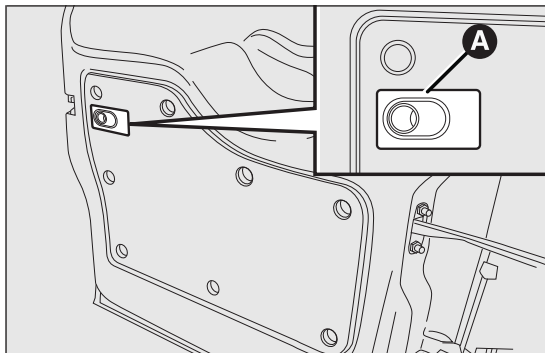


fig. 69

F0T0060

Opening the second swing door

After having opened the first door, pull handle A fig. 70 in the direction shown by the arrow.

IMPORTANT Pull handle A fig. 70 in the direction of the arrow only.

REMOVING THE PARCEL SHELF

The parcel shelf fig. 71 consists of two parts.

To remove it completely, proceed as follows:

- ☐ open the tailgate and lift the front part A fig. 71 by releasing the pin A fig. 72 from the seat F fig. 72;
- ☐ lift the rear part B fig. 71 by releasing the pins B and C fig. 72 from the seat D and E fig. 72.

If the seat is completely folded down, remove the parcel shelf as described and store it horizontally between the back of the front seats and the folded rear seat.

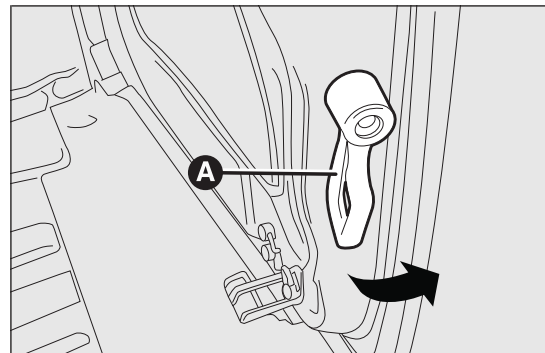


fig. 70

F0T0142

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

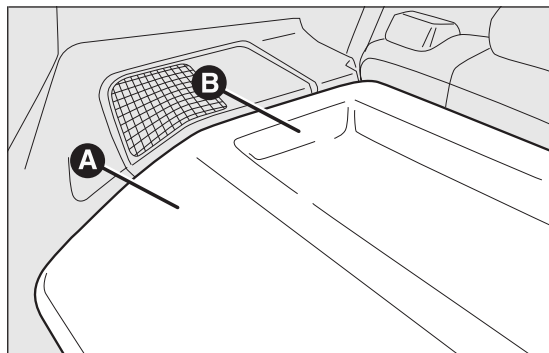


fig. 71

F0T0062

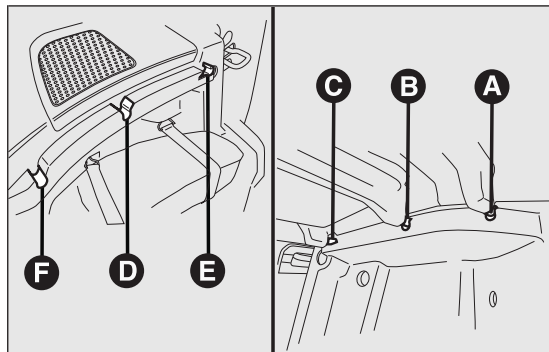


fig. 72

F0T0456



WARNING

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

EXTENDING THE BOOT

Proceed as follows:

- ☐ open the tailgate and remove the parcel shelf (as described in the previous paragraph);
- ☐ completely lower the rear seat head restraints;
- ☐ move the seat belt to the side, making sure that it is fully extended and not twisted;
- ☐ lift backrest retainer lever A fig. 73 and fold the backrest forwards to obtain a flat loading area. When you lift the lever, you will see a red band.

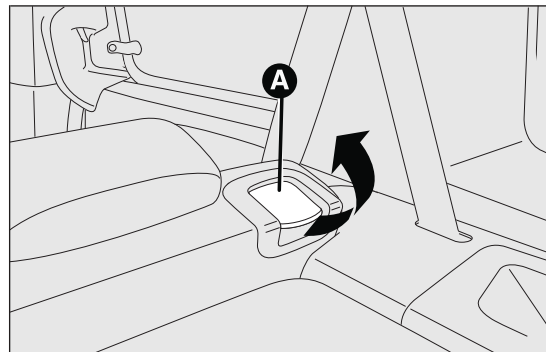


fig. 73

F0T0921

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Versions with single rear seat

To further expand the boot, pull tab A fig. 74 behind the rear backrest and tip seat and backrest forward.

To fix the seat, take the red straps A shown in fig. 75 and fix the ends of the straps in position A and B as shown in fig. 76

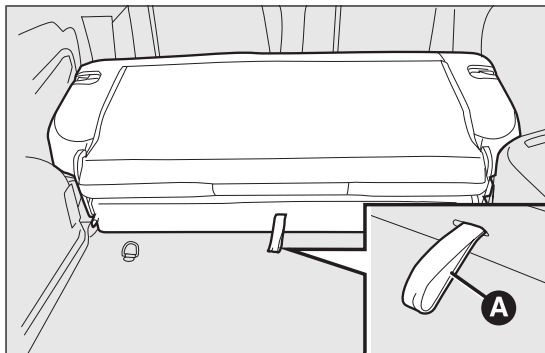


fig. 74

F0T0416

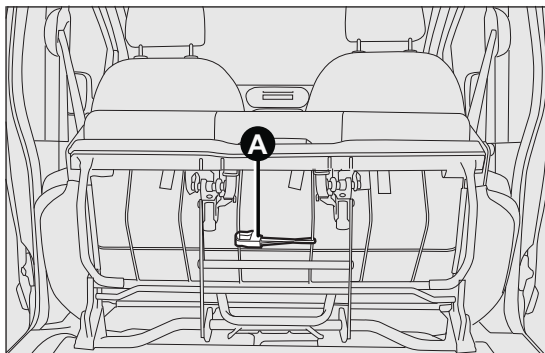


fig. 75

F0T0445

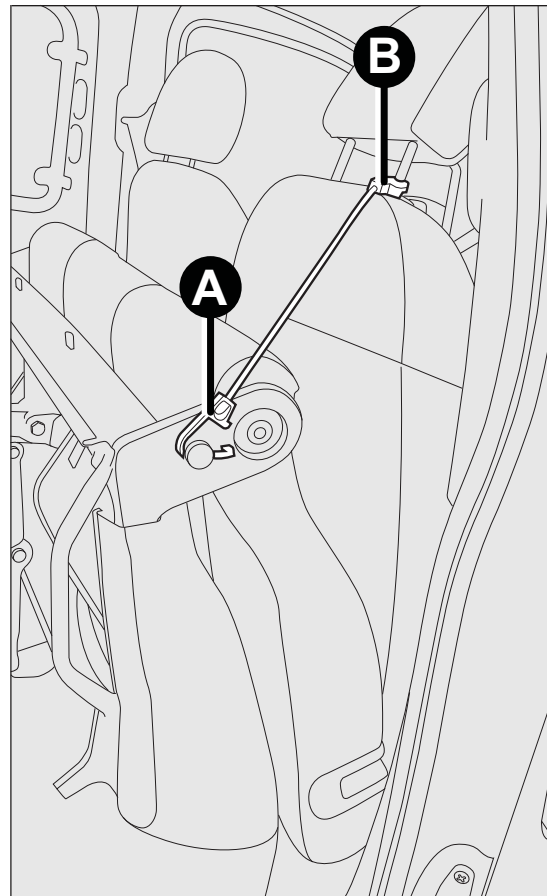


fig. 76

F0T0446

Versions with split rear seat

To further extend the boot, pull tabs A and B fig. 77 located behind the rear seat backrests and fold the seats and backrests forwards.

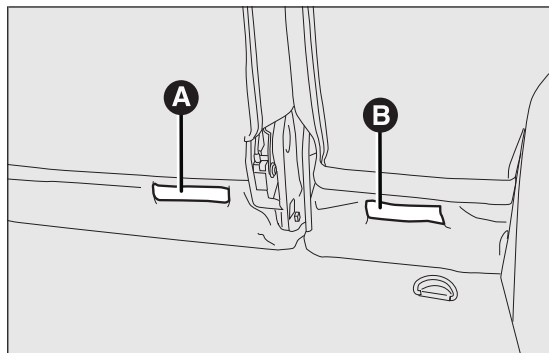


fig. 77

F0T0289

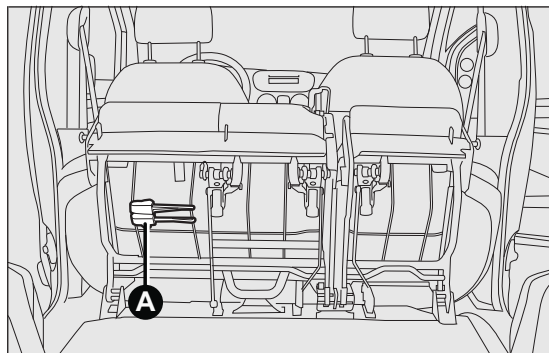


fig. 78

F0T0447

To fix the seat, take the red straps A shown in fig. 78 and fix the ends of the straps in position A and B as shown in fig. 79 for each portion of the seat.

Removing the rear seat

The rear seat can be removed to carry large loads and expand the boot even further. Operate the two brackets A fig. 80 under the side of the seat (one on each side) after having tipped the rear seat as previously described.

Repositioning the rear seat

Proceed as follows:

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

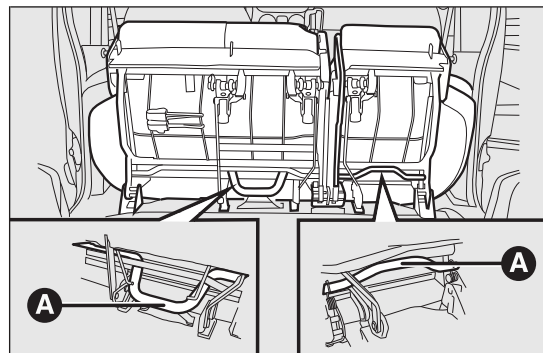


fig. 80

F0T0455

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- ❑ tip back the backrest and check that it is secured correctly.

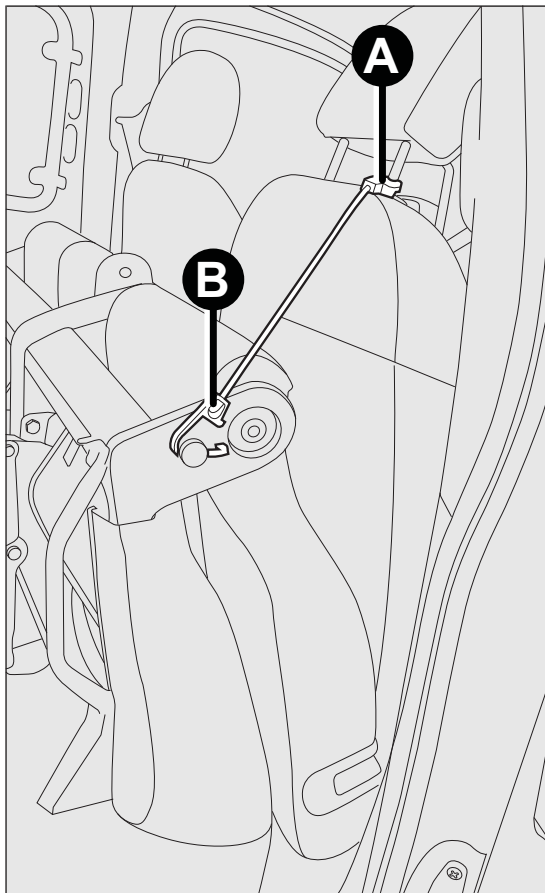


fig. 79

F0T0448

A pictogram fig. 81 is located under the split seat cushion showing how to secure the seat back onto the brackets screwed to the floor.



fig. 81

F0T0302

SECURING YOUR LOAD

Hooks (various number, according to version) are fixed to the floor for easy securing load fig. 82

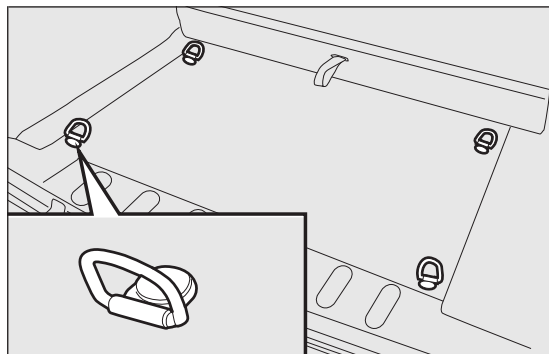


fig. 82

F0T0418

BONNET

OPENING

Proceed as follows:

- ☐ pull lever A fig. 83 in the direction indicated by the arrow;
- ☐ operate the lever B fig. 84 and lift the bonnet;
- ☐ lift the bonnet;
- ☐ lift the engine bonnet supporting lever A fig. 85 and move it until it clicks.



WARNING

Before opening the bonnet, check that windscreen wiper arm is not lifted from the windscreen.

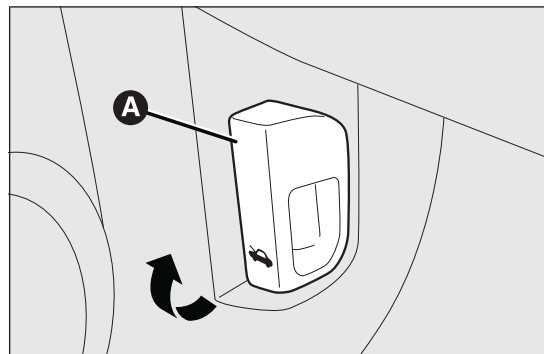


fig. 83

F0T0045

CLOSING

Proceed as follows:

- ❑ lift the bonnet with one hand and pull the device A fig. 86 towards yourself while you are lowering the B;

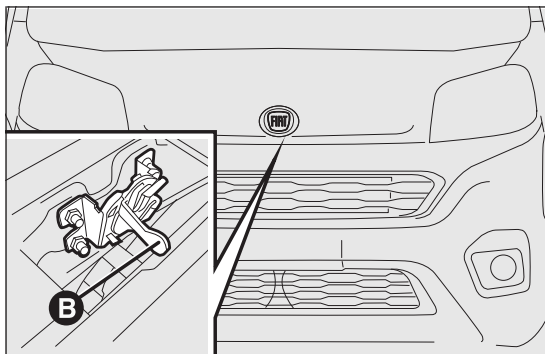


fig. 84

F0T0067

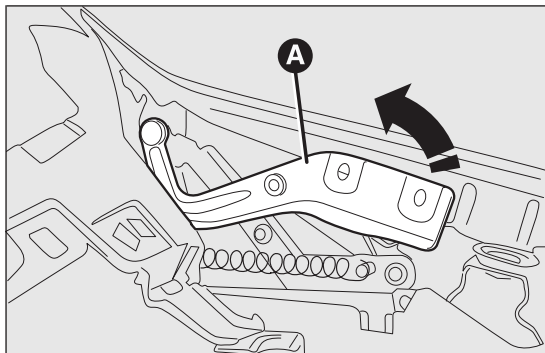


fig. 85

F0T0216

- ❑ lower the bonnet to approximately 20 centimetres from the engine compartment and let it drop. Make sure that the bonnet is completely closed and not only fastened by the safety catch by trying to open it. If it is not perfectly closed, do not try to press the bonnet lid down but open it and repeat the procedure.

IMPORTANT A plate summarising the described bonnet opening/closing operations is affixed under the bonnet (see fig. 87).

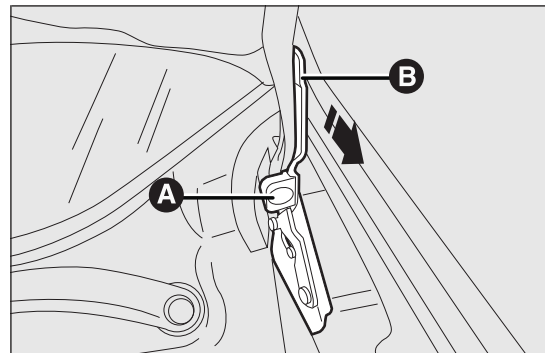


fig. 86

F0T0283



WARNING

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 during travel that the lock is not fully engaged, stop immediately and close the bonnet in the correct manner.

ROOF RACK/SKI RACK

FASTENERS

The fasteners are located at points A, B and C fig. 88.

ROOF RAILS

(for versions/markets, where provided)

On some versions, the vehicle has two rails fig. 89 which, with the addition of special accessories, can be used to carry various objects (e.g. skis, surfboards, etc.).



WARNING

Respect the regulations in force concerning maximum clearance.

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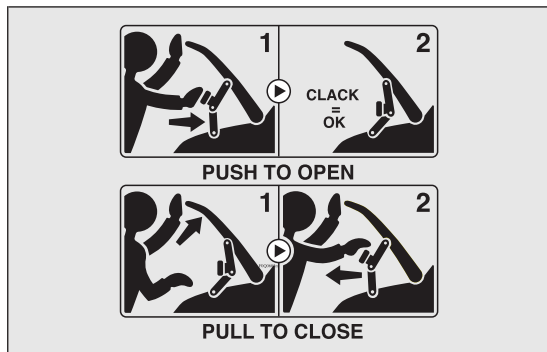


fig. 87

FOT0215

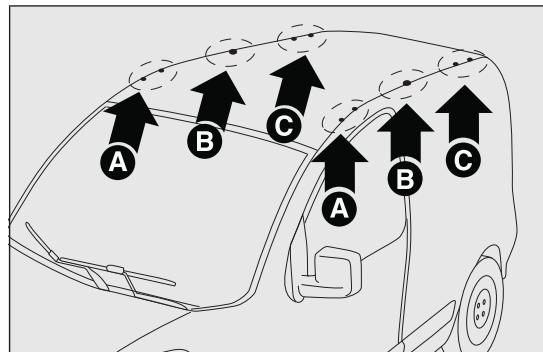


fig. 88

FOT0154



Distribute the load evenly and be careful to side winds when driving.



WARNING

After travelling for a short distance, check that the fastening screws are correctly tightened.



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

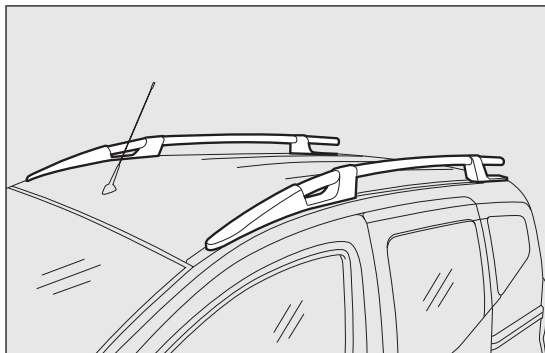


fig. 89

F0T0435

HEADLIGHTS

LIGHT BEAM DIRECTION

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

HEADLIGHT ALIGNMENT CORRECTOR

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

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

The beams must therefore be aimed again in this case.

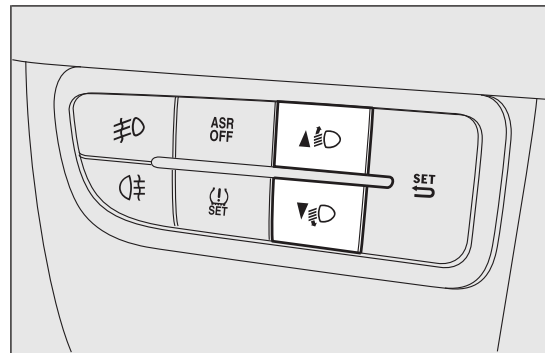


fig. 90

F0T0502

Adjusting headlight alignment

Press the ▲ or ▼ buttons on the control panel fig. 90.

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

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

Position 1 - five people.

Position 2 - five people + load in the boot.

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

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

FOG LIGHT DIRECTION

(for versions/markets, where provided)

Contact a Fiat Dealership to have the direction checked and, if necessary, adjusted.

ADJUSTING THE HEADLIGHTS WHEN ABROAD

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

ABS SYSTEM

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

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

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

SYSTEM INTERVENTION

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

MECHANICAL BRAKE ASSIST (emergency braking assistance)

(for versions/markets, where provided)

This system, which cannot be deactivated, recognises emergency braking conditions (according to the brake pedal operation speed) and provides an additional hydraulic braking pressure to support that

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provided by the driver. This allows faster and more powerful operation of the braking system.

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



WARNING

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



WARNING

If the ABS cuts in, it is a sign that the grip between tyre and the road surface has reached the limit: you must slow down to match the speed to the road grip available.



WARNING

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.

FAILURE INDICATIONS

ABS failure

ABS failure is indicated by warning light  in the instrument panel coming on (together with the appropriate message on the multifunction display on some versions) (see “Warning lights and messages”).

In this case, the braking system will work as normal, but without the extra capacity offered by the ABS system. Drive carefully to the nearest Fiat Dealership to have the system checked.

EBD failure

ABS failure is indicated by warning light  and  in the instrument panel coming on (together with the appropriate message on the multifunction display on some versions) (see “Warning lights and messages”).

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



WARNING

If only warning light (ⓘ) lights up in the instrument panel (with a message in the multifunction display on some versions), 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.

ESC (Electronic Stability Control) SYSTEM

(for versions/markets, where provided)

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

The ESC system uses the sensors in the vehicle to determine the trajectory required by the driver through steering and compares it with the real trajectory of the vehicle. When the real trajectory deviates from the desired trajectory, the ESC system intervenes to counter the car's understeer or oversteer.

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

The ESC system also includes the following systems:

- ☐ Hill Holder
- ☐ ASR
- ☐ MSR
- ☐ HBA

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SYSTEM INTERVENTION

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

Switching the system on

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

Failure indications

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



WARNING

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



WARNING

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



WARNING

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

HILL HOLDER SYSTEM

(for versions/markets, where provided)

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

It is automatically activated in the following conditions:

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

When setting off, the ESC system control unit maintains the braking pressure on the wheels until the torque necessary for starting is reached, or in any case for a maximum of 2 seconds, allowing your right foot to be moved easily from the brake pedal to the accelerator. When two seconds have elapsed, without starting, the system is automatically deactivated, gradually releasing the braking pressure. During this release stage, the typical brake disengagement noise indicating that the vehicle is going to move imminently will be heard.

Failure indications

Instrument panel warning light  will light up in the event of a failure (see “Warning lights and messages”).

IMPORTANT The Hill Holder system is not a parking brake; therefore, never leave the vehicle without having engaged the handbrake, turned the engine off and engaged the first gear.



WARNING

For the ESC and ASR systems to function correctly, all four tyres must be the same brand and type, must be in excellent condition and, above all, must be of the prescribed type and size.

ASR SYSTEM (Anti-Slip Regulation)

(for versions/markets, where provided)

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

Depending on how slippery the road is, two different control systems are activated:

- ❑ if slipping involves both driving wheels, the ASR function intervenes reducing the power transmitted by the engine;

- ❑ if the slipping only involves one of the drive wheels, the ASR intervenes automatically braking the wheel that is slipping.

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

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



WARNING

For the ESC and ASR systems to function correctly, all four tyres must be the same brand and type, must be in excellent condition and, above all, must be of the prescribed type and size.



WARNING

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

**WARNING**

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

**WARNING**

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

MSR SYSTEM (engine drive regulation)

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

Engagement/ disengagement of the ASR system

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

When travelling, the ASR system can be switched off and on again pressing button fig. 91 located among the controls in the instrument panel.

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

If the ASR is switched off when driving, it is automatically switched on again when the vehicle is started up.

When travelling on snowy roads with snow chains, it may be helpful to turn the ASR off: in fact, in these conditions, the driving wheels skidding when moving off gives you better traction.

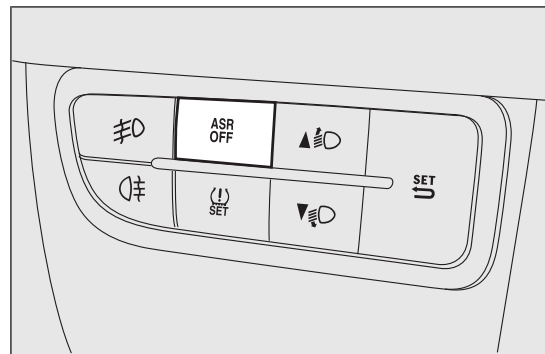


fig. 91

F0T0504



WARNING

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

FAILURE INDICATIONS

In the event of a failure, the ASR system will be automatically switched off and warning light  will appear permanently on the instrument panel along with a message on the multifunction display (for versions/markets where provided) (see “Warning lights and messages” section). In this case, contact a Fiat Dealership as soon as possible.

HYDRAULIC BRAKE ASSIST (assistance during emergency braking) (for versions/markets, where provided)

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

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



WARNING

The HBA system cannot overrule the natural laws of physics, and cannot increase the grip available according to the condition of the road.



WARNING

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



WARNING

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

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iTPMS System (indirect Tyre Pressure Monitoring System)

(for versions/markets, where provided)

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

If one tyre only is flat, the system can indicate its position: it is in any case recommended to check the pressure on all four tyres. This indication is displayed also when turning the engine off and on until the "Reset" procedure is carried out.

"Reset" procedure

The iTPMS needs an initial "self-learning" phase (with length depending on the driving style and road conditions: optimal conditions being driving on a straight road at 80 km/h for at least 20 minutes) which starts when the "Reset" procedure is carried out.

The "Reset" procedure must be carried out:

- ☐ each time tyre pressure is modified;
- ☐ when even only one tyre is changed;
- ☐ when tyres are rotated/inverted;

- ☐ when the space-saver wheel is fitted. Before carrying out the "Reset" procedure, inflate the tyres to the rated pressure values specified in the inflation pressure table (see "Wheels" paragraph in the "Technical specifications" chapter).

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

To carry out the "Reset" procedure, with the vehicle stopped and the ignition device at MAR, use the Setup Menu as follows:

- ☐ briefly press the  button: the display will show "Reset";
- ☐ press the  button or the  button to select ("Yes" or "No");
- ☐ briefly press the  button: the display will show "Confirm";
- ☐ press  button or  to select ("Yes" to "Reset" or "No" to exit the video page);
- ☐ press the  button again to return to the standard screen or to the main menu according to where you are in the menu.

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

Operating conditions

The system is active for speeds above 15 km/h. In a few situations such as sporty driving, particular conditions of the road surface (e.g. icy, snowy, unsurfaced roads...) the signalling may be delayed or partial in detecting the contemporary deflation of more than one tyre. Under special conditions (e.g. vehicle loaded asymmetrically on one side, towing a trailer, damaged or worn tyre, fitting the space-saver wheel, use of the "Fix&Go Automatic" kit, fitting snow chains, fitting different tyres on the axles) the system may give false indications or be temporarily deactivated.

If the system is temporarily deactivated, the warning light (!) flashes for about 75 seconds and then is continuously on; at the same time, the display shows a dedicated message. This indication is displayed also after the engine has been switched off and then on again if the correct operating conditions are not restored.



WARNING

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



WARNING

If the driver depresses the brake pedal fully or carries out a fast steering during system operation, the automatic braking function may stop (e.g. to allow a possible manoeuvre to avoid the obstacle).



WARNING

The laser beam is not visible at the naked eye. Do not look directly, or with optical instruments (e.g. lenses), at the laser beam from a distance lower than 10 cm: this may cause damage to the sight. The laser beam is also present when the key is at MAR but its operation is off, not available or manually deactivated with the display Setup Menu.



WARNING

The system intervenes on vehicles travelling in the same lane. Small sized vehicles (e.g. bicycles or motorbikes) or people, animals and things (e.g. pushchairs) and more in general all those obstacles with a low reflection of the light emitted by the laser (e.g. vehicles soiled with mud) are not taken into consideration.

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WARNING

If the car must be placed on a roller bench (at a speed within 5 and 30 km/h) for maintenance interventions or if it is washed in an automatic roller washing tunnel with an obstacle in the front part (e.g. another car, a wall or another obstacle), the system may detect its presence and activate. In this case the system must be deactivated through the display Setup Menu.



The laser sensor may have limited or absent operation due to weather conditions such as: heavy rain, hail, thick fog, heavy snow, formation of ice layers on the windscreen.



Sensor operation may also be compromised by the presence of dust, condensation, dirt or ice on the windscreen, by traffic conditions (e.g. vehicles that are driving not aligned with your car, vehicle driving in a transverse or opposite way on the same lane, bend with a small radius of curvature), by road surface conditions and by driving conditions (e.g. off-road driving). Make sure the windscreen is always clean. Use specific detergents and clean cloths to avoid scratching the windscreen. The sensor operation may also be limited or absent in some driving, traffic and road surface conditions.



Projecting loads on the roof of the car may interfere with the correct operation of the sensor. Before starting make sure the load is correctly positioned, in order not to cover the sensor operating range.



If the windscreen must be replaced due to scratches, chipping or breakage, contact exclusively a Fiat Dealership. Do not replace the windscreen on your own, risk of malfunction! It is advisable to replace the windscreen if it is damaged in the laser sensor area.



Do not tamper nor operate on the laser sensor. Do not close the openings in the aesthetic cover located under the interior rear view mirror. In the event of a sensor failure, contact a Fiat Dealership.



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



Do not cover the operating range of the sensor with stickers or other objects.

Also pay attention to other objects on the bonnet (e.g. a layer of snow) and make sure they do not interfere with the light emitted by the laser.



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



If the system signals a loss of pressure on a specific tyre, it is recommended to check the pressure on all four tyres.

TRACTION PLUS SYSTEM

(for versions/markets, where provided)

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

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

This function can be activated manually by pressing button T+ on the side control panel fig. 92 and operates under 50 km/h. When this speed is exceeded, it is automatically deactivated (the LED on the button is still on) and it is reactivated again when the speed falls below 50 km/h.

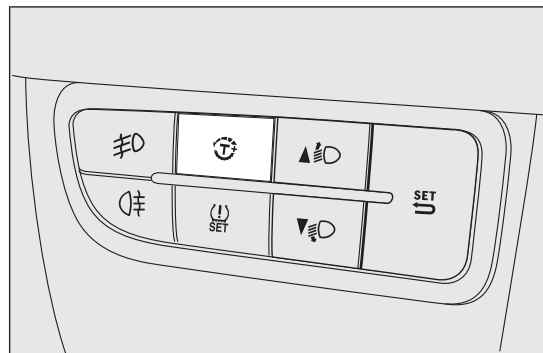


fig. 92

F0T0506

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Traction Plus operation

The system is deactivated when starting up. To activate the "Traction Plus" system, press the button (T+ fig. 92): the LED on the button switches on.

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

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

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

EOBD SYSTEM

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

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

The aim of the system is to:

- ☐ monitor system efficiency;
- ☐ warn about increased emissions due to a vehicle malfunction;
- ☐ to warn of the need to replace deteriorated components.

The system also has a connector that can be interfaced with appropriate equipment, which makes it possible to read the error codes stored in the control unit, together with a series of specific parameters for engine operation and diagnosis.

This check can also be carried out by traffic police.

IMPORTANT After resolving the problem, to check the system completely, Fiat Dealerships are obliged to run a bench test and, if necessary, road tests which may call for a long journey.



WARNING

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

SPEED BLOCK

(for 1.3 Multijet versions with manual gearbox)

The vehicle is equipped with a function that limits the speed that can be set, when requested by the user, to one of 4 preset values: 90, 100, 110 or 130 km/h.

This function must be activated/deactivated through a Fiat Dealership.

Following the operation, a sticker fig. 93 will be applied to the windscreen showing the top speed setting.

WARNING The speedometer could indicate a higher maximum speed than the effective one, set by the Dealership, in accordance with the regulations in force.

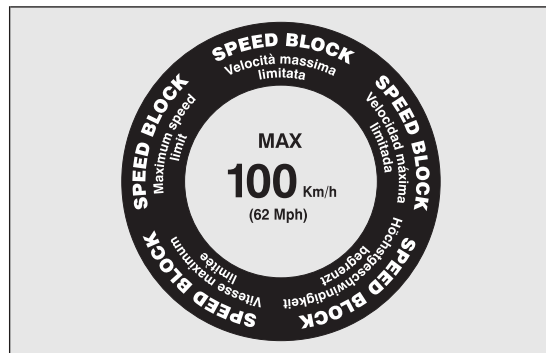


fig. 93

FOT0330

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PARKING SENSORS

(for versions/markets, where provided)

These are located in the rear bumper fig. 94 and their function is to inform the driver, through an intermittent beeping noise, about the presence of obstacles behind the vehicle.

ACTIVATION

The sensors are automatically activated when reverse gear is selected.

The buzzer becomes more frequent as the obstacle behind the vehicle gets closer to the bumper.

WARNING BUZZER

When reverse gear is engaged an intermittent acoustic signal is automatically activated.

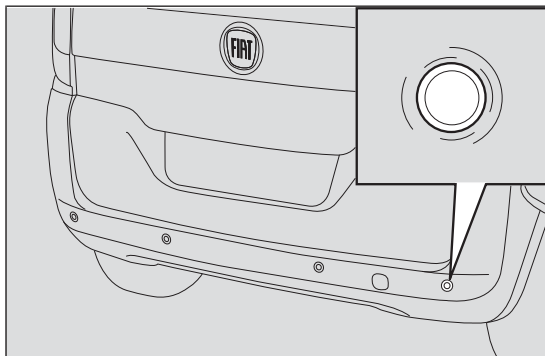


fig. 94

F0T021 I

The beeps:

- ☐ increase as the distance between the vehicle and the obstacle decreases;
- ☐ become continuous when the distance between the vehicle and the obstacle is less than 30 cm and stop immediately if the distance increases;
- ☐ it remains constant if the distance remains unchanged; if this situation concerns the side sensors, the buzzer will stop after about 3 seconds to avoid, for example, warning indications in the event of manoeuvres along walls.

Detection distances

If several obstacles are detected by the sensors, only the nearest one is considered.

FAILURE INDICATIONS

Any parking sensor failures will be indicated when engaging reverse by the warning light $P_{\text{▲}}$ in the instrument panel together with the message in the multifunction display (for versions/markets, where provided) (see the "Warning lights and messages" chapter).



The sensor must be free of mud, dirt, snow or ice in order for the system to work. Be careful not to scratch or damage the sensors while cleaning them. Avoid using dry, rough or hard cloths. The sensors should be washed using clean water with the addition of car shampoo if necessary. When using special washing equipment such as high pressure jets or steam cleaning, clean the sensors very quickly keeping the jet more than 10 cm away.

OPERATION WITH TRAILER

The operation of the sensors is automatically deactivated when the plug for the electric cable for the trailer is inserted in the vehicle tow hook socket.

The sensors are automatically enabled again when the trailer cable plug is removed.

IMPORTANT If you wish to leave the tow hook fitted without towing a trailer, it is advisable to contact a Fiat Dealership for the relevant system update operations because the tow hook could be detected as an obstacle by the central sensors.

GENERAL WARNINGS

- ❑ During parking manoeuvres, pay the utmost attention to any obstacles that could be located above or below the sensors.
- ❑ Sometimes, objects located very near the rear of the vehicle are not detected and could therefore damage the vehicle or be damaged themselves.

- ❑ The signals sent out by the sensors can be altered by dirt, snow or ice deposited on the sensors or by ultrasound systems (e.g. truck pneumatic brakes or pneumatic drills) near the vehicle.

- ❑ The parking sensors work properly with the swing doors closed. If they are open, they can cause the system to send false signals: always close the rear doors.

- ❑ Also, do not apply stickers to the sensors.

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

- ❑ Reduced sensor sensitivity and a reduction in the parking assistance system performance could be due to the presence on the surface of the sensor of: ice, snow, mud, thick paint.
- ❑ The sensor may detect a non-existent obstacle (echo interference) due to mechanical interference, for example when washing the vehicle, in rain (strong wind), hail.
- ❑ The signals sent by the sensors can also be altered by the presence of ultrasonic systems (e.g. pneumatic brakes of trucks or pneumatic drills) near the vehicle.
- ❑ Detection of obstacles in the upper part of the vehicle (particularly in the case of vans or chassis cabs) may not be guaranteed because the system detects obstacles that could strike the lower part of the vehicle.



WARNING

The ultimate responsibility when parking and carrying out other dangerous manoeuvres still rests with the driver. When parking, make sure that no-one is standing in the area, especially children or animals. Parking sensors are designed to assist drivers; however, you must always concentrate fully during potentially dangerous manoeuvres, even if carried out at low speeds.

START&STOP SYSTEM

(for versions/markets, where provided)

INTRODUCTION

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. This improves the efficiency of the vehicle by reducing fuel consumption, the emission of harmful gases and noise pollution.

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 ROBOTISED GEARBOX

The engine cuts out if the vehicle stops with the brake pedal 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 engine being stopped is signalled by the icon fig. 95 on the display, depending on the trim level.

Engine restarting mode

WITH MANUAL GEARBOX

Press the clutch pedal to allow the engine to be restarted.

WITH ROBOTISED 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 device can be activated/deactivated by the button, shown in fig. 96 on the dashboard. When the function is not active, the button LED is on. In addition, on some versions, additional information concerning the deactivation or activation of the Start&Stop system is given through a message on the display.

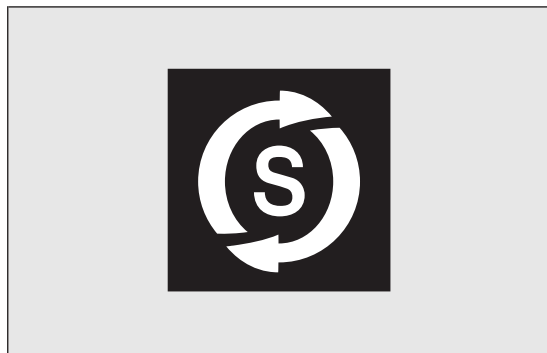


fig. 95

F0T0425

ENGINE STOPPING FAILURE CONDITIONS

With the device activated, for reasons of comfort, limiting emissions and safety, the power unit does not stop in certain conditions, including:

- ☐ engine still cold;
- ☐ particularly cold external temperatures, if the corresponding indication is provided;
- ☐ battery not sufficiently charged;
- ☐ particulate filter regeneration in progress (diesel engines only);
- ☐ driver's door not shut;
- ☐ driver's seat belt not fastened;
- ☐ reverse gear engaged (for example, for parking manoeuvres);
- ☐ automatic climate control, if a suitable thermal comfort level has not yet been reached or to enable MAX-DEF function;

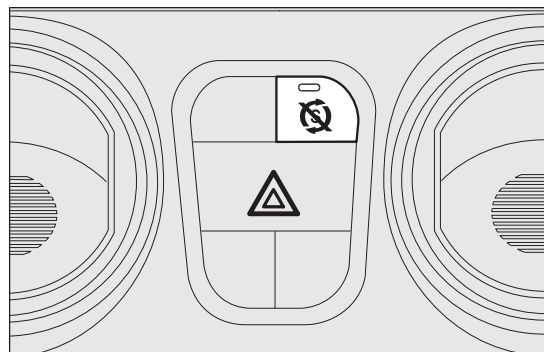


fig. 96

F0T0426

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- ☐ during the first period of use, to initialize the system.

In the above cases the warning light fig. 95 flashes and, where provided, an information message is displayed.

RESTARTING CONDITIONS

For reasons of comfort, limiting pollutant emissions and safety purposes, the power unit can restart automatically without any action on behalf of the driver if certain conditions are met, including:

- ☐ battery not sufficiently charged;
- ☐ reduced braking system vacuum, e.g. following the brake pedal being pressed repeatedly;
- ☐ vehicle in motion, for example when driving on hilly roads;
- ☐ stopping the engine through the Start&Stop system for more than about three minutes.
- ☐ automatic climate control system for adjusting the thermal comfort level or to enable MAX-DEF function. With a gear engaged, the engine can only be automatically restarted by fully depressing the clutch pedal. The driver is asked to perform this operation through the warning light fig. 95 flashing in the instrument panel and, where provided, the message in the display.

Note If the clutch is not pressed, when the three minutes have elapsed since the engine was stopped, the engine can be restarted only by using the key.

Note In cases when the engine stops and this is not desired, due for example to the clutch pedal being released sharply with a gear engaged, if the Start&Stop system is active, the engine can be restarted by fully depressing the clutch pedal or by placing the gear lever in neutral.

SAFETY FUNCTIONS

In engine cut-out conditions through the Start&Stop system, if the driver unfastens his/her seat belt and opens the driver or the passenger door, the engine can only be restarted using the key. The driver is notified of this condition both by a buzzer and the flashing of the fig. 95 warning light on the instrument panel and, where provided, an information message on the display.

"ENERGY SAVING" FUNCTION (for versions/markets, where provided)

If, as a result of automatic engine restarting, the driver does not carry out any action on the vehicle for an extended period (about 3 minutes), the Start&Stop system stops the engine definitively, to prevent fuel consumption. The engine can only be started using the key in such cases.

Note In any case, it is possible to keep the engine running by deactivating the Start&Stop system.

IRREGULAR OPERATION

In the event of malfunctions the Start&Stop system is disabled. The driver is informed of the problem by the switching on of the general failure fig. 97 warning light A, where provided, an information message and the system failure fig. 97 icon B on the control panel.

In this case, contact a Fiat Dealership.

VEHICLE INACTIVITY

In cases of car inactivity, special attention must be paid due to the disconnection of the battery power supply. Proceed as follows: disconnect connector A fig. 98 (by pressing button B) from the sensor C for monitoring the status of the battery installed on the negative pole D of the battery itself. This sensor should never be disconnected from the pole except if the battery is replaced.

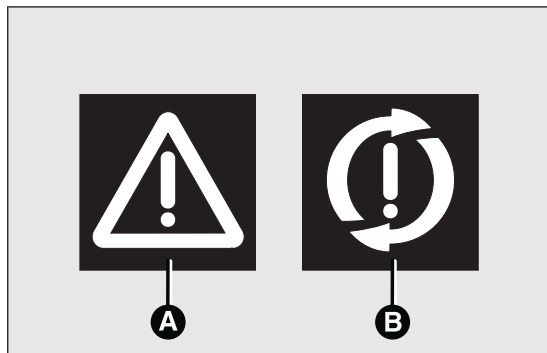


fig. 97

FOT0427

IMPORTANT After turning the ignition key to STOP, wait at least 1 minute before disconnecting the electrical supply to the battery.



WARNING

If the battery needs to be replaced, always contact a Fiat Dealership. Replace the battery with a new one of the same type and specifications.

EMERGENCY STARTING

In the event of emergency starting fig. 99 with a booster battery, never connect the negative lead (-) of the booster battery to the negative pole C of the vehicle's battery, but rather to an engine/gearbox earth point (follow the lead connection procedure described in the "Jump starting" paragraph in the chapter "In an emergency").

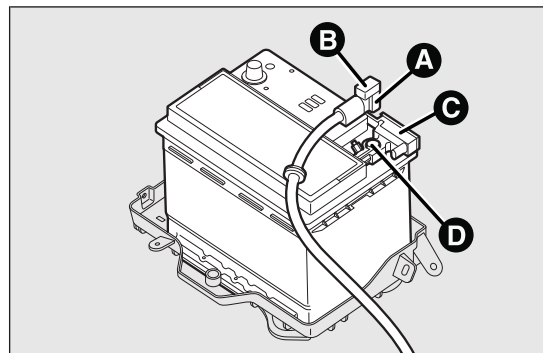


fig. 98

FOT0428

IMPORTANT



WARNING

Before opening the bonnet, make sure that the vehicle is switched off and the key is in the OFF position. Follow the instructions on the label on the front crossmember. It is advisable to extract the key when there are other people in the vehicle.



WARNING

The vehicle should always be evacuated after the key has been removed or turned to the OFF position. When refuelling, make sure that the car is switched off with the key in the OFF position.

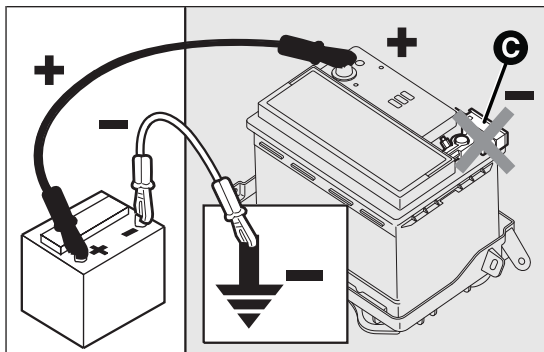


fig. 99

F0T0429



WARNING

For vehicles with robotised gearbox, in the event of automatic engine stopping with the car on a slope, the engine should be restarted by moving the gear lever towards (+) or (-) without releasing the brake pedal. For vehicles with robotised gearbox and Hill Holder function, in the event of automatic engine stopping with the car on a slope, the engine must be restarted by moving the gear lever towards (+) or (-) without releasing the brake pedal, so that the Hill Holder function, active only with the engine running, becomes available.



WARNING

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

RADIO

(for versions/markets, where provided)

Read the Supplement attached to this Owner's Handbook for the operation of the radio with CD/MP3 player (for versions/markets, where provided).

LIGHT SETUP

The system consists of:

- ☐ radio power wires
- ☐ speaker wires in front door panels
- ☐ rear speaker wires (located next to parcel shelf) (for versions/markets, where provided)
- ☐ radio housing
- ☐ antenna wires.

FULL SETUP

The system consists of:

- ☐ radio power wires
- ☐ speaker wires in front door panels
- ☐ rear speaker wires (located next to parcel shelf) (for versions/markets, where provided)
- ☐ 2 full-range Ø 130 mm placed in the door;
- ☐ 2 full-range speakers with Ø 100 mm placed on the parcel shelf bracket (for versions / markets, where provided);
- ☐ radio housing

☐ antenna wires

☐ antenna.

RADIO INSTALLATION

The radio must be installed in the place occupied by the central storage compartment, where you will find the wiring.

Press tabs A to remove the compartment fig. 100.



WARNING

To connect to the existing wiring in the vehicle, contact a Fiat Dealership to prevent any problems that could impair vehicle safety.

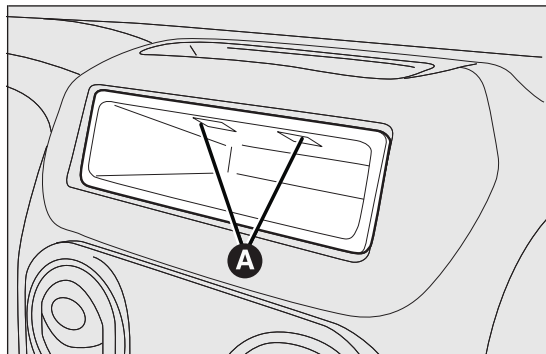


fig. 100

F0T0032

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INSTALLING ELECTRICAL/ ELECTRONIC DEVICES

Electrical and electronic devices installed after buying the vehicle must carry the following label:

FGA S.p.A. authorises the installation of transceiving devices provided that they are installed by a specialised centre according to rules of good engineering practice and in compliance with the manufacturer's instructions.

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

FGA S.p.A. shall not be liable for damage caused by the installation of accessories either not supplied or recommended by FGA S.p.A. and/or not installed in compliance with the provided instructions.



fig. 101

RADIO TRANSMITTERS AND CELLULAR PHONES

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

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

In addition, the transmission and reception of these devices may be affected by the shielding effect of the vehicle body.

With regard to EC-approved mobile phones (GSM, GPRS, UMTS), you should adhere strictly to the instructions provided by the mobile phone manufacturer.

REFUELLING THE VEHICLE

PETROL ENGINES

Use unleaded petrol only, with octane number (R.O.N.) not lower than 95.

IMPORTANT For the correct operation of the engine, exclusively use metallic additive free fuels, that can be recognised by the description “Metallic Additive Free”. Furthermore, using even small quantities of fuels with metallic additives, which can be recognised by the description “Containing metallic additive”, can irreparably damage the catalytic converter.

IMPORTANT An inefficient catalytic converter leads to harmful exhaust emissions, thus contributing to air pollution.

IMPORTANT Never use leaded petrol, even in small amounts or in an emergency, as this would damage the catalytic converter beyond repair.

DIESEL ENGINES

Operation at low temperatures

If the outside temperature is very low, the diesel thickens due to the formation of paraffin clots with consequent defective operation of the fuel supply system.

In order to avoid these problems, different types of diesel are distributed according to the season:

summer type, winter type and arctic type (cold/mountain areas). If refuelling with diesel fuel whose specifications are not suitable for the usage temperature, it is advisable to mix TUTELA DIESEL ART additive in the proportions shown on the container with the fuel. Pour the additive into the tank before the fuel.

When using or parking the vehicle for a long time in the mountains or cold areas, it is advisable to refuel using locally available diesel.

In this case, it is also advisable to keep the tank over 50% full.



For diesel engines, use only diesel fuel for motor vehicles in accordance with EN590 European specifications. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, due to the damage caused. If you accidentally introduce other types of fuel into the tank, do not start the engine. Empty the tank. If the engine has been run for even an extremely limited amount of time, you must not only drain the fuel tank, but the rest of the supply circuit as well.

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REFUELLING CAPACITY

To fill the tank completely, top up twice after the first click of the trigger. Further top-ups could cause faults in the fuel feeding system.

FUEL FILLER CAP

Opening

1) Open the flap A fig. 102 by pulling it outwards, keep the cap B fig. 102 still, insert the ignition key in the lock and turn it anticlockwise.

2) Turn the cap anticlockwise and remove it.

The cap has a device C fig. 102 that attaches it to the flap so it cannot be lost. When refilling, attach the cap to the flap, as illustrated.

Closing

1) Fit the cap (complete with key) and turn it clockwise until it clicks once or more.

2) Turn the key clockwise and extract it, then close the flap.

The hermetic seal may cause a slight increase in pressure in the tank. A suction noise when you release the cap is therefore entirely normal.



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

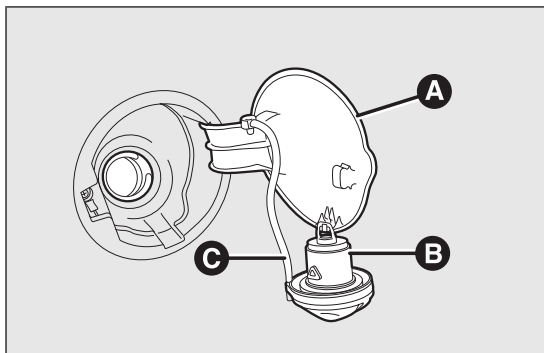


fig. 102

F0T0068

FUEL CUT-OFF SYSTEM

This system is triggered after a collision as follows by:

- ☐ the interruption of the fuel supply with the engine consequently cutting out;
- ☐ automatically unlocking the doors
- ☐ turning on the lights inside the vehicle.

When the system has been triggered, the message “Fuel cut off, see handbook” is displayed on some versions.

Check carefully for fuel leaks, for instance in the engine compartment, under the vehicle or near the tank area.

After a crash, turn the ignition key to STOP to avoid draining the battery.

The following procedure should be carried out to restore the correct operation of the vehicle:

- ☐ turn the ignition key to the ON position;
- ☐ turn on the right direction indicator;
- ☐ turn off the right direction indicator;
- ☐ turn on the left direction indicator;
- ☐ turn off the left direction indicator;
- ☐ turn on the right direction indicator;
- ☐ turn off the right direction indicator;
- ☐ turn on the left direction indicator;
- ☐ turn off the left direction indicator;
- ☐ turn the ignition key to the OFF position.



WARNING

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.

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PROTECTING THE ENVIRONMENT

The devices for reducing petrol engine emissions are the following:

- ☐ three-way catalytic converter
- ☐ Lambda sensors
- ☐ anti-evaporation system.

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

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

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

DIESEL PARTICULATE FILTER (DPF)

(for versions/markets, where provided)

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

It is needed to eliminate almost all particulates in compliance with current/future legislation. During normal use of the vehicle, the engine control unit records a set of data (e.g.: travel time, type of route, temperatures, etc.) and it will then calculate how much particulate has been trapped by the filter.

Since this filter physically traps particulate, it should be regenerated (cleaned) at regular intervals by burning the carbon particles. The regeneration procedure is controlled automatically by the engine management control unit according to the filter conditions and vehicle use conditions.

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

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

OCCUPANT PROTECTION SYSTEMS

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

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

Read the information given the following pages with the utmost care.

It is of fundamental importance that the protection systems are used in the correct way to guarantee the maximum possible safety level for the driver and the passengers.

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

SEAT BELTS

USING THE SEAT BELTS

All vehicle seats are equipped with seat belts with three anchor points and a retractor.

The retractor mechanism operates locking the belt in the event of sharp braking or strong deceleration due to an impact.

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

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

Always fasten the seat belts before setting off.

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

To fasten the seat belts, hold the tongue A fig. 103 and insert it into the buckle B, until it clicks into place.

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

To unfasten the seat belts, press button C. Guide the seat belt with your hand while it is rewinding, to prevent it from twisting.

**WARNING**

Never press button C fig. 103 when travelling.

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

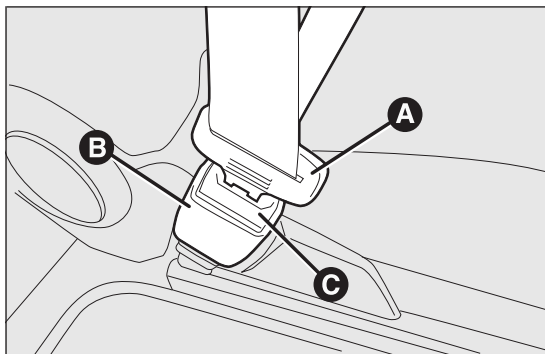


fig. 103

F0T0147

**WARNING**

Remember that in the event of a violent impact the rear seat passengers not wearing seat belts are exposed to a very serious risk and also represent a serious danger for the front seat occupants.

The rear seat belts (for versions/markets, where provided) must be worn as shown in diagram in fig. 104 or fig. 105.

IMPORTANT The “red band” on the levers A fig. 106 used for folding the seat will not appear when the backrest is correctly secured. This red band indicates that the backrest is not secured.

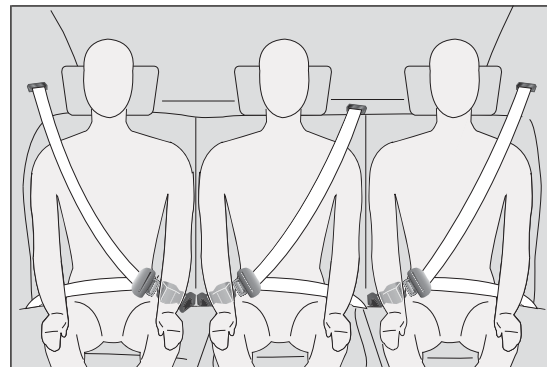


fig. 104

F0T0193

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

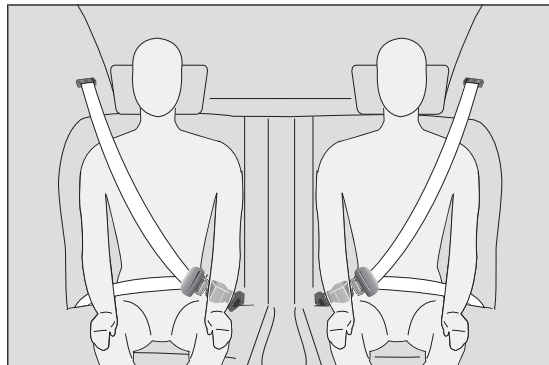


fig. I05 - NI versions (4 seats)

F0T0342

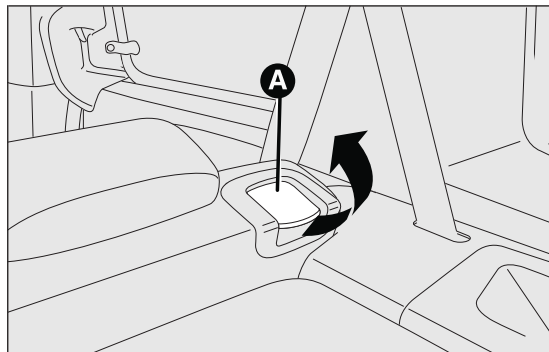


fig. I06

F0T0921



WARNING

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

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SBR SYSTEM

(for versions/markets, where provided)

The vehicle is equipped with a system called S.B.R. (Seat Belt Reminder), which warns the driver and front passenger if their seat belt is not fastened, as follows:

- ☐ warning light  comes on in the instrument panel and the buzzer sounds continuously for the first 6 seconds;
- ☐ warning light  flashes in the instrument panel and the buzzer sounds intermittently for the following 90 seconds.

For permanent deactivation, contact a Fiat Dealership.

The SBR system can also be reactivated through the setup menu.

PRE-TENSIONERS

To increase the protective efficiency of the front seat belts, the vehicle is fitted with pretensioners. These devices, in the event of a violent head-on crash or side impact, rewind the seat belts a few centimetres. In this way, they ensure that the belts fit tightly to the wearer before the restraining action begins.

The retractor locks to indicate that the pretensioner has intervened; the seat belt cannot be drawn back up even when guiding it manually.

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

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

The pretensioner does not require any maintenance or lubrication. Any changes to its original conditions will invalidate its efficiency. If, due to unusual natural events (floods, sea storms, etc.), the device has been affected by water and mud, it must absolutely be replaced.



WARNING

The pretensioner may be used only once. After it is triggered, have it replaced at a Fiat Dealership.



Operations which lead to knocks, vibrations or localised heating (over 100°C for a maximum of 6 hours) in the area around the pretensioner may cause damage or trigger them. This device is not affected by vibrations caused by irregularities of the road surface or low obstacles such as kerbs, etc. Contact a Fiat Dealership for any assistance.

LOAD LIMITERS

(for versions/markets, where provided)

To increase occupant safety in an accident, the front and rear (for versions/markets where provided) seat belt reels contain a load limiter which controls the force acting on the chest and shoulders during the restraining action of the belts in the event of a head-on collision.

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

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

Seat belts are also to be worn by pregnant women: the risk of injury in the case of impact is greatly reduced for them and the unborn child if they are wearing a seat belt. Pregnant women must position

the lower part of the belt very low down so that it passes over the pelvis and under the abdomen (see fig. 107).

While pregnancy progresses, the driver must adjust both seat and steering wheel to have full control over the vehicle (pedals and steering wheel must be easy to access). The maximum clearance should be kept between the abdomen and the steering wheel.

IMPORTANT The seat belt must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally. The lower part must adhere to the pelvis (as shown in fig. 108) rather than the abdomen of the passenger. Do not use devices (clips, etc.) to hold the seat belt away from your body.

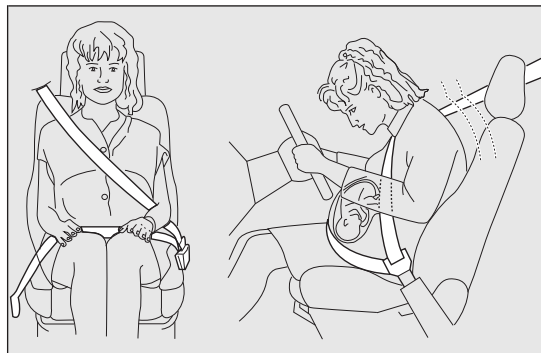


fig. 107

F0T0003

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**WARNING**

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.

**WARNING**

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

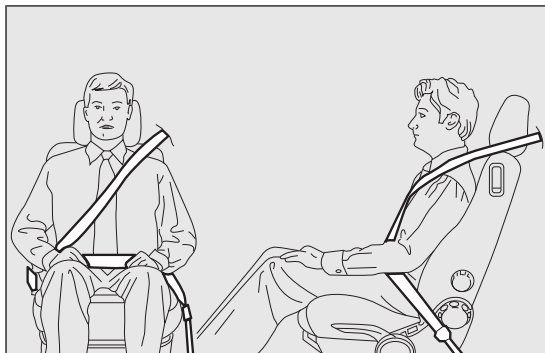


fig. 108

F0T0004

**WARNING**

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

IMPORTANT Each seat belt must be used by only one person. Never travel with a child sitting on a passenger's lap using a single belt to protect them both fig. 109. In general, do not place any objects between the person and the belt.



fig. 109

F0T0005

SEAT BELTS MAINTENANCE

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

- ❑ always use the seat belt with the strap well stretched and not twisted; make sure that it is free to run without obstructions;
- ❑ check seat belt operation as follows: attach the seat belt and pull it hard;
- ❑ replace the belt after an accident of a certain severity even if it does not appear to be damaged. Always replace the seat belt if the pretensioners were deployed;
- ❑ prevent the retractors from getting wet: their correct operation is only guaranteed if water does not get inside;
- ❑ replace the seat belt when it shows wear or cuts.

CARRYING CHILDREN SAFELY

For optimal protection in the event of an impact, all occupants must be seated and wearing adequate restraint systems, including newborn and other children!

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

Children below the height of 1.50 metres and up to 12 years must be protected with suitable restraint systems and be seated on the rear seats. Statistics on accidents indicate that the rear seats offer greater safety for children.

Compared with an adult, a child's head is larger and heavier in proportion to their body and the child's muscular and bone structures are not fully developed. Therefore, correct restraint systems other than adult seat belts are necessary to reduce as much as possible the risk of injuries in the event of an accident, braking or a sudden manoeuvre.

Children must be seated safely and comfortably. 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.

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

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

Group	Weight 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

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

Lineaccessori Fiat offers child restraint systems for each weight group. These devices are recommended, having been specifically designed for Fiat vehicles.



WARNING



SERIOUS DANGER: When an active passenger airbag is fitted, **DO NOT** install rear facing child restraint systems on the front seat. Deployment of the airbag in an accident could cause fatal injuries to the child regardless of the severity of the impact. It is advisable to always carry children in a child restraint system on the rear seat, which is the most protected position in the event of a collision.



WARNING

Should it be necessary to carry a child on the passenger side front seat in a rearward facing child restraint system, the passenger side front airbag and side bag (for versions/markets, where provided) must be deactivated through the Setup menu. Deactivation should be verified by checking whether the  warning light is switched on in the central dashboard. Move the passenger's seat as far back as possible to avoid contact between the child seat and the dashboard.



WARNING

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



WARNING

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

FITTING A CHILD RESTRAINT SYSTEM WITH SEAT BELTS



WARNING

Incorrect fitting of the child restraint system may result in an inefficient protection system. In the event of an accident the child restraint system may become loose and the child may be injured, even fatally. When fitting a restraint system for newborns or children, strictly comply with the instructions provided by the Manufacturer.



WARNING

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



WARNING

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



WARNING

Always make sure that the diagonal section of the seat belt does not pass under the arms or behind the back of the child. In the event of an accident the seat belt will not be able to secure the child, with the risk of injury, including fatal injury. Therefore the child must always wear the seat belt correctly.



WARNING

The figures are only examples for fitting purposes. Fit the child restraint system according to the instructions, which must be included.

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GROUP 0 and 0+

Infants up to 13 kg must be carried with a rearward facing child restraint system of the type shown in fig. 110 which, supporting the head, does not induce stress on the neck in the event of sudden decelerations.

The rear facing child restraint system is restrained by the vehicle seat belts, as shown in fig. 110 and it must restrain the child in turn with its own belts.

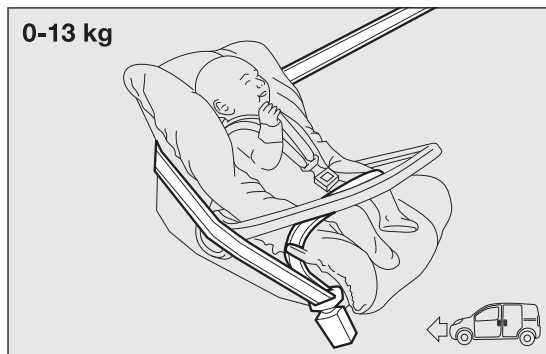


fig. 110

F0T0006

GROUP I

Children of weight from 9 to 18 kg may be transported in forward facing child restraint systems fig. 111.

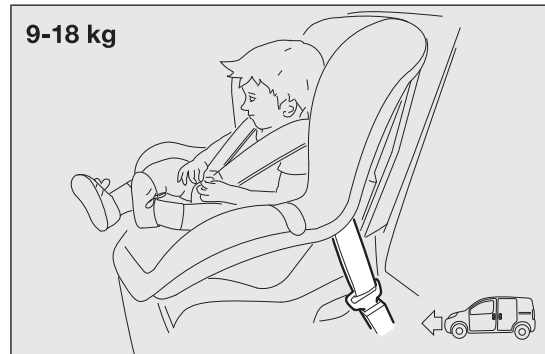


fig. 111

F0T0007

GROUP 2

Children from 15 to 25 kg may use the vehicle seat belts directly fig. 112.

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

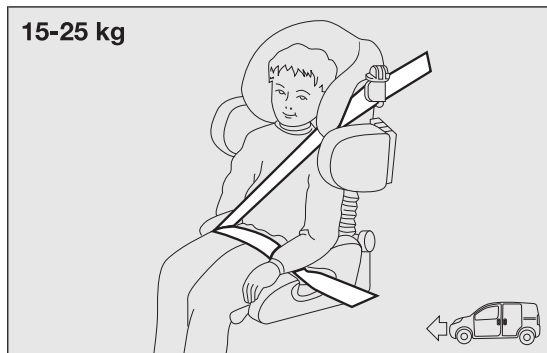


fig. 112

F0T0008

GROUP 3

For children between 22 kg and 36 kg, there are dedicated restraint systems that allow the seat belt to be worn correctly.

The fig. 113 shows the correct child positioning on the rear seat.

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

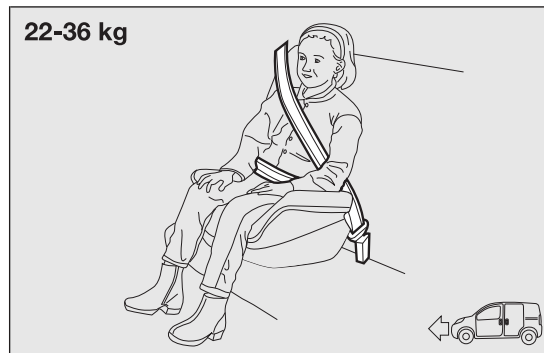


fig. 113

F0T0009

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SUITABILITY OF PASSENGER SEATS FOR THE USE OF CHILD RESTRAINT SYSTEMS

The vehicles designed to carry people (homologation M1) comply with the new European Directive 2000/3/EC which governs the arrangement possibilities for child restraint systems on the seats of the vehicle as shown in the following table:

Group	Weight groups	Front passenger		Rear passenger
		Airbag active	Airbag deactivated	
Group 0, 0+	Up to 13 kg	X	U	U
Group 1	9-18 kg	X	U	U
Group 2	15-25 kg	U	U	U
Group 3	22-36 kg	U	U	U

X Seat not suitable for children in this weight category.

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

INSTALLING AN ISOFIX SEAT

(for versions/markets, where provided)

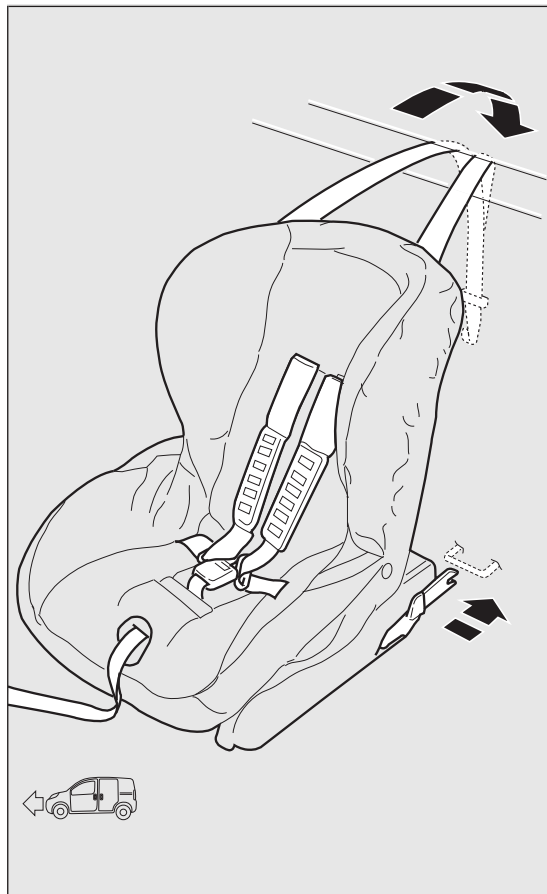


fig. 114

FOT0010

On some versions the external rear seats are equipped with ISOFIX attachments, for fitting child restraint systems quickly, simply and safely.

The ISOFIX system lets you install the ISOFIX child restraining system without using the car seat belts but connecting them directly to the carseat with three anchors in the car.

Traditional child restraint systems can be fitted alongside Isofix child restraint systems on different seats in the same vehicle.

As an example, fig. 114 shows an example of a Universal Isofix child restraint system for weight group: I.

WARNING The fig. 114 is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included.

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

To install an ISOFIX child restraint system, attach it to the two metal anchorages A fig. 115 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the restraint system) to the dedicated anchorage B fig. 116 located at the bottom behind the backrest.

Remember that, in the case of Universal Isofix child seats, you can use all seats bearing the marking ECE R44 (R44/03 or later updates) "Universal Isofix".

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The Universal Isofix “Duo Plus” child seat is available from Lineaccessori MOPAR.

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

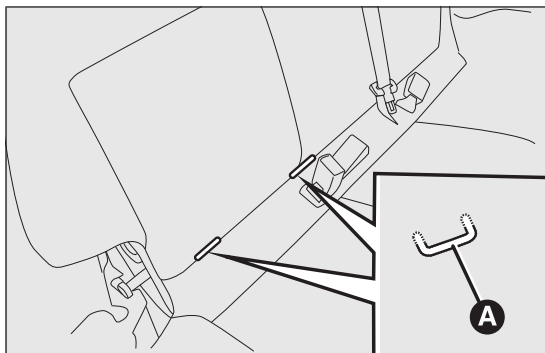


fig. 115

F0T0145

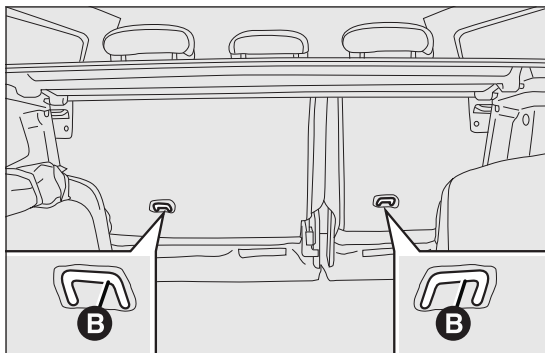


fig. 116

F0T0284



WARNING

Fit the child restraint system only when the vehicle is stationary. The child restraint system is correctly fixed to the brackets when you hear the click. Follow the instructions for positioning, fitting and removing which the child restraint system manufacturer must supply together with the restraint system. If a Universal/ISOFIX child restraint system is not fixed to all three anchorages, it will not be able to protect the child correctly. In a crash, the child could be seriously or fatally injured.



WARNING

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

PASSENGER SEAT COMPLIANCE FOR USING UNIVERSAL ISOFIX CHILD RESTRAINT SYSTEMS

The table below, according to European Directive ECE 16, shows the different installation possibilities for Isofix restraint systems on seats fitted with Isofix attachments for versions designed to carry people (homologation M1).

Weight group	Child restraint system position	Isofix size class	Rear side Isofix position
Group 0 (up to 10 kg)	Rear facing	E	IL
Group 0+ (up to 13 kg)	Rear facing	E	IL
	Rear facing	D	IL (*)
	Rear facing	C	IL (*)
	Rear facing	D	IL (*)
Group I (from 9 to 18 kg)	Rear facing	C	IL (*)
	Forward facing	B	IUF
	Forward facing	BI	IUF
	Forward facing	A	IUF

IL Suitable for Isofix child restraint systems of the "Specific for the vehicle", "Restricted", or "Semiuniversal" categories, approved for this type of vehicle.

(*) The ISOFIX child restraint system may be fitted by moving the front seat forward.

IUF Suitable for forward facing Isofix child restraint systems, Universal class, approved for the weight group.

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Below is a summary of the main safety rules to be followed when carrying children

Main recommendations to carry children safely:

- ☐ Install the child restraint systems on the rear seat, which is the most protected position in the event of an impact.
- ☐ Keep children in rearward facing child restraint systems for as long as possible, until 3–4 years old if possible.
- ☐ If the passenger's front airbag is deactivated always check the  warning light always lighted on the central dashboard fig. 117 to make sure that it has actually been deactivated.
- ☐ Carefully follow the instructions supplied with the child restraint system. Keep the instructions in the vehicle along with the other documents and this handbook. Do not use second-hand child restraint systems without instructions.

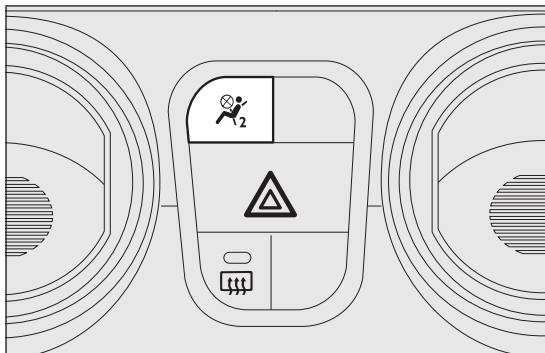


fig. 117

FOT0505

- ☐ Only one child is to be strapped into each restraint system; never carry two children using one child restraint system.
- ☐ Always check that the seat belts do not rest on the child's neck.
- ☐ Always check that the seat belt is well fastened by pulling on it.
- ☐ While travelling, do not let the child sit incorrectly or unfasten the belts.
- ☐ Never allow a child to put the belt's diagonal section under an arm or behind their back.
- ☐ Never carry children on your lap, even newborns. No one can hold a child in the case of an accident.
- ☐ If the vehicle has been involved in an accident of medium-high severity, replace the child restraint system with a new one. In addition, and depending on the type of child restraint system installed, replace the isofix anchorages or the seat belt with which the child restraint system was connected.
- ☐ For any child restraint system mounted facing the vehicle's direction of travel on the external rear seats, independently of its weight group, mount it after removing the corresponding rear seat headrest. This does NOT apply to child restraint systems that consist only of a cushion (without backrest). You should install such child restraint systems when the corresponding headrest is mounted.

SUPPLEMENTARY RESTRAINT SYSTEM (SRS) - AIRBAG

The vehicle may be equipped with:

- ☐ front driver airbag;
- ☐ front passenger airbag;
- ☐ driver and passenger front side bags for pelvis, chest and shoulder protection (Side bags).

The location of the airbags on the vehicle is marked by the word "AIRBAG" in the middle of the steering wheel, on the dashboard, on the side trim or on a label placed next to the airbag deployment area.

FRONT AIRBAGS

The vehicle is fitted with front airbags for driver and passenger (for versions/markets where provided).

The front driver/passenger airbags (for versions/markets, where provided) are designed to protect the front-seat occupants in the event of head-on crashes of medium-high severity, by placing the bag between the occupant and the steering wheel or dashboard.

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

An electronic control unit will make the bag inflate in the event of a frontal impact.

The bag will inflate instantaneously placing itself between the front occupants body and the structures which could cause injury. It will deflate immediately afterwards.

Front driver/passenger airbags (for versions/markets, where provided) are not a replacement for, but rather a complement to, the seat belts, which should be worn at all times as specified by law in Europe and most non-European countries.

In the event of an impact, someone not wearing a seat belt will move forward and come into contact with the bag which is still in the opening stage. The protection offered by the bag is compromised in these circumstances.

Front airbags may not activate in the following situations:

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- ❑ frontal impacts against highly deformable objects not involving the front surface of the vehicle (e.g. wing collision against guard rail, etc.);
- ❑ vehicle wedging under other vehicles or protective barriers (e.g. trucks or guard rails);

Failure to activate in the conditions described above is due to the fact that they may not provide any additional protection compared with seat belts, so their activation would be inappropriate. In these cases, non-deployment does not indicate a system malfunction.

**WARNING**

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

The driver's and passenger's front airbags have been designed and calibrated to protect front seat occupants wearing seat belts. At their maximum inflation, their volume fills most of the space between the steering wheel and the driver and between the dashboard and the passenger.

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

of the seat belts is sufficient). Seat belts must always be worn. In the event of frontal impacts they guarantee correct positioning of the passenger.

FRONT AIRBAG DRIVER'S SIDE

It consists of an instantly inflating bag contained in a special recess in the centre of the steering wheel fig. 118.

PASSENGER SIDE FRONT AIRBAG
(for versions/markets, where provided)

This consists of an instantly inflating bag contained in a special recess in the dashboard: fig. 119 this bag has a larger volume than that of the driver.

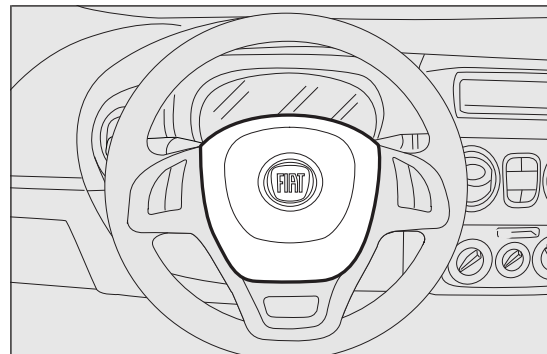


fig. 118

F0T0052



WARNING



SERIOUS DANGER: When there is an active passenger airbag, **DO NOT** install rearward facing child restraint systems on the front seat. Deployment of the airbag in 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.

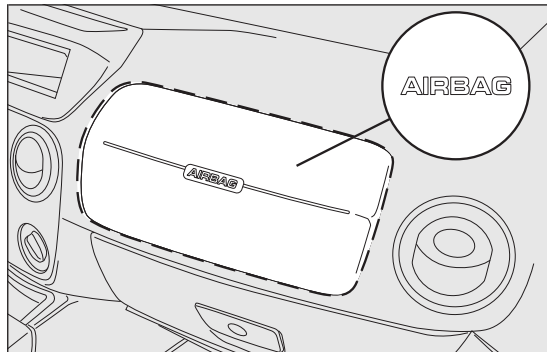


fig. 119

FOT0033

FRONT PASSENGER SIDE AIRBAG AND CHILD RESTRAINT SYSTEMS

Rearward facing child restraint systems must **NEVER** be fitted on the front seat with an active passenger side airbag since in the event of an impact the airbag activation may cause fatal injuries to the transported child.

ALWAYS comply with the instructions on the label fig. 120 stuck on the passenger side sun visor.

Manual deactivation of front passenger side airbag and side bag
(for versions/markets, where provided)

If a child must of necessity be carried on the front seat on a rear facing child restraint system, the front passenger side airbag and side bag (for versions/markets where provided) can be deactivated.



fig. 120

FOT0950

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IMPORTANT To manually deactivate the front passenger side airbag and side bag (for versions/markets where provided), refer to the "Display" paragraph in the "Knowing the instrument panel" chapter.

When the passenger side front airbag and side bag (for versions/markets where provided) are activated again, the warning light switches off.

The warning light  on the central dashboard fig. 121 shows the passenger protection status.

When the vehicle is started (key in MAR position), the warning light turns on for approx. 8 seconds, provided that at least 5 seconds have elapsed from the previous switching off. If not, contact a Fiat Dealership.

If the vehicle is switched off/on again in less than 5 seconds the warning light may remain off. In this

case, to check correct warning light operation, switch the vehicle off, wait at least 5 seconds and switch it on again.

During the first 8 seconds, the activation of the warning light does not actually show the passenger protection status, but only checks its correct operation.

The warning light may light up with various intensity levels depending on the vehicle conditions. The intensity may also vary during the same key cycle.

Passenger's protection active: the  LED is off.

Passenger protection deactivated: the  LED switches on with a steady light.

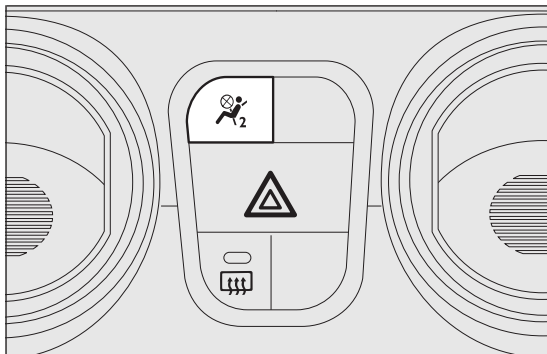


fig. 121

F0T0505

PASSENGER SIDE FRONT AIRBAG AND CHILD RESTRAINT SYSTEMS: IMPORTANT

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

fig. 122

FIA0387

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SIDE BAGS

(for versions/markets, where provided)

On some versions, the vehicle may be fitted with driver and passenger's front side bags.

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

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

An electronic control unit causes the bags to inflate in the event of a side-on collision. The bags inflate instantaneously, placing themselves between the occupant's body and the structures which could cause injury. They deflate immediately afterwards.

Side bags are not a replacement of, but rather a complement to, seat belts, which you are recommended to wear at all times, as specified by law in Europe and most non-European countries.

For this reason, the seat belt must be worn at all times. In the case of side-on collisions, the seat belts hold occupants in the correct position and prevent them from being thrown out of the car by a very violent collision.

SIDE BAGS

(for versions/markets, where provided)

It consists of an instantly inflating bag housed in the front seat backrest fig. 123. It protects the chest and the pelvis of the passengers in the event of side crashes of medium-high severity.

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

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

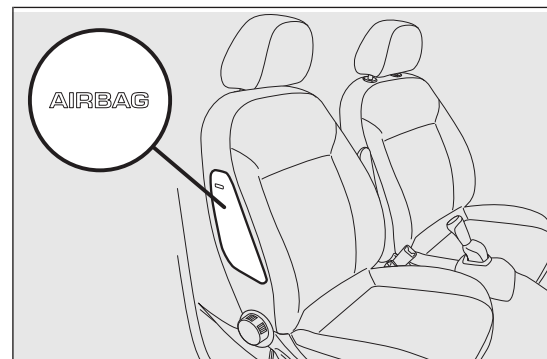


fig. 123

F0T0180

IMPORTANT NOTES

The front airbags and/or side bags (for versions/markets, where provided) may be deployed if the vehicle is subject to heavy knocks or accidents involving the underbody area, such as for example violent shocks against steps, kerbs or low obstacles, or the vehicle falling into big potholes or depressions in the road.

A small amount of dust will be released when the airbags are deployed. The dust is not harmful and does not indicate the beginning of a fire. Furthermore, the surface of the deployed bag and the interior of the vehicle may be covered in a dusty residue: this may irritate your skin and eyes. Wash with mild soap and water in the event of exposure.

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

Every control, repair and replacement operation concerning the airbags must be carried out only at Fiat Dealerships.

If you are having the vehicle scrapped, have the airbag system deactivated at a Fiat Dealership first. If the vehicle changes ownership, the new owner must be informed of the method of use of airbags and the above warnings and also be given this "Owner's Handbook".

Pretensioners, front airbags and front side bags are deployed differently according to the type of

collision. Failure to activate one or more of the devices does not indicate a system malfunction.



WARNING

There may be a fault in the retaining systems if the warning light  does not light up when the key is turn on or remains on while travelling (on some versions with a message on the display). In this case, the airbags or the pretensioners may not be activated in the case of an accident or (in a lesser number of cases) they may be activated incorrectly. Contact a Fiat Dealership immediately to have the system checked.



WARNING

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



WARNING

In some versions, in case of a LED  failure (located on the plate of the instrument panel), the  warning light on the instrument panel turns on and the passenger side airbags are deactivated.

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WARNING

On cars with side bags, do not cover the front seat backrests with extra covers.



WARNING

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.



WARNING

If the ignition device is at MAR, even if the engine is switched off, airbags may be deployed when the vehicle is stationary and hit by another vehicle. Therefore, even if the car is stationary, when an active front passenger airbag is fitted, DO NOT install rear facing child restraint systems on the front passenger seat. Deployment of the airbag following an impact could cause fatal injuries to the child. Therefore, always deactivate the passenger side airbag when a rearward facing child restraint system is installed on the front passenger seat. The front passenger seat must also be positioned back as far as possible in order to prevent the child restraint system from coming into contact with the dashboard. Immediately reactivate the passenger airbag as soon as the child restraint system has been removed. Also remember that, if the ignition device is set to STOP, none of the safety devices (airbags or pretensioners) will be deployed in the event of collision. Non-deployment in such cases does not indicate a system malfunction.



WARNING

Have the airbag system checked by a Fiat Dealership if the car was stolen, if theft was attempted, or if the car was subjected to vandalism or flooding.



WARNING

When the ignition key is turned to MAR, the  warning light (with front passenger side airbag activated) on the central dashboard switches on and flashes for a few seconds as a reminder that the passenger airbag will be deployed in the event of a crash, then it should switch off.



WARNING

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



WARNING

The airbag does not replace seat belts but increases their efficiency. Furthermore, since front airbags are not deployed in low-speed frontal impacts, side impacts, rear shunts or roll-overs, the passengers are protected only by the seat belts which must therefore be fastened at all times.

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STARTING AND DRIVING

STARTING THE ENGINE

The vehicle is fitted with an immobiliser: if the engine fails to start, see the paragraph on “The Fiat CODE system” in the “Knowing your vehicle” section.

The engine may be noisier during the first few seconds of operation, particularly after a long period of inactivity. This is due to the hydraulic tappets, the timing system chosen for petrol engine versions to reduce the number of servicing interventions, and affects neither functionality nor reliability.



It is advisable not to demand maximum performance from your vehicle (e.g. excessive acceleration, long distances at high speeds, excessive intense braking, etc.) during the initial period of use.



When the engine is switched off never leave the key on (at MAR) to prevent unnecessary consumption and draining the battery.



WARNING

It is dangerous to have the engine running indoors. The engine takes in oxygen and discharges carbon dioxide, carbon monoxide and other toxic gases.



WARNING

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

STARTING PROCEDURE FOR PETROL VERSIONS

Proceed as follows:

- ❑ apply the handbrake;
- ❑ put the gear lever into neutral;
- ❑ press the clutch pedal down to the floor without touching the accelerator;
- ❑ turn the ignition key to AVV and let it go the moment the engine starts.

If the engine does not start at the first attempt, return the ignition key to STOP before repeating the procedure.

If the  warning light remains on together with warning light  when the ignition key is at MAR, turn the key to STOP and then back to MAR; if the warning light stays on, try with the other keys provided with the car.

If you still cannot start the engine, perform an emergency start (see “Emergency starting” in the “In an emergency” section) and go to a Fiat Dealership.

STARTING PROCEDURE FOR DIESEL VERSIONS

Proceed as follows:

- ❑ apply the handbrake;
- ❑ put the gear lever into neutral;
- ❑ turn the key on (MAR position): instrument panel warning light  will light up;
- ❑ wait for the warning lights  and  to go out. The hotter the engine is, the quicker this will happen;
- ❑ press the clutch pedal down to the floor without touching the accelerator;
- ❑ turn the ignition key to AVV as soon as the  warning light goes out. Waiting too long will waste the heating work carried out by the glow plugs.

Release the key as soon as the engine starts.

IMPORTANT With the engine cold, the accelerator pedal must be fully released when you turn the ignition key to AVV.

If the engine does not start at the first attempt, return the ignition key to STOP before repeating the procedure.

If the  warning light stays on when the ignition key is at MAR, turn the key to STOP and then back to MAR; if the warning light remains on, try with the other keys provided with the car.

Contact a Fiat Dealership if the engine still does not start.

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Warning light  **will blink for 60 seconds after starting or during prolonged cranking to indicate a fault to the glow plug heating system. Use the vehicle normally if the engine starts, but go to a Fiat Dealership as soon as possible.**

HOW TO WARM UP THE ENGINE AFTER IT HAS JUST STARTED

Proceed as follows:

- ☐ drive off slowly, letting the engine turn at medium revs. Do not accelerate abruptly;
- ☐ do not demand to performance for the first few kilometres. Wait until the engine coolant gauge starts moving.

EMERGENCY STARTING

Go to a Fiat Dealership immediately if warning light  comes on steady on the instrument panel.



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

STOPPING THE ENGINE

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

IMPORTANT After a long drive, you should allow the engine to “catch its breath” before turning it off by letting it idle to allow the temperature in the engine compartment to fall.



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.

HANDBRAKE

The handbrake lever fig. 124 is located between the two front seats.

Pull the lever upwards to engage the handbrake and ensure that the vehicle does not move.



WARNING

The vehicle should be secured after several clicks of the lever. If it is not, contact a Fiat Dealership to have it adjusted.

When the handbrake lever is engaged and the ignition key is on MAR, the instrument panel warning light (!) will light up.

Proceed as follows to release the handbrake:

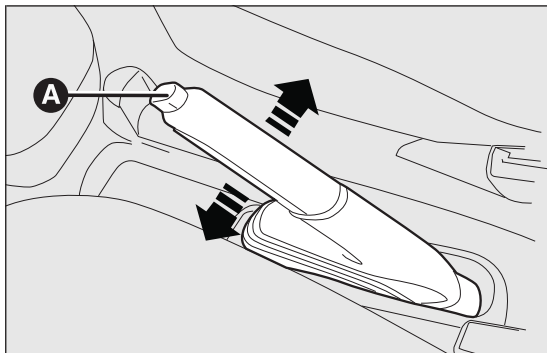


fig. 124

F0T0043

- ☐ slightly lift the handbrake and press release button A fig. 124;
- ☐ hold button A pressed and lower the lever. The instrument panel warning light (!) will go out.

Press the brake pedal when carrying out this operation to prevent the vehicle from moving accidentally.

PARKING THE CAR

Proceed as follows:

- ☐ stop the engine and engage the handbrake;
- ☐ engage a gear (1st gear if parked uphill or reverse if facing downhill) and leave the wheels turned.

If the vehicle is parked on a steep slope, it is advisable to block the wheels with a wedge or stone.

To prevent draining the battery, do not leave the ignition key turned to MAR. Always remove the key when you leave the vehicle.

Never leave children unattended in the vehicle. Always remove the ignition key when leaving the vehicle, and take it with you.

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SNOW TYRES

The Fiat Dealership will be happy to provide advice concerning the most suitable type of tyre for the customer's requirements.

For the type, pressures and specifications of the snow tyre to be used, follow carefully the instructions given in the "Wheels" paragraph of the "Technical specifications" section.

The winter performance of these tyres is considerably reduced when the tread thickness is less than 4 mm. If this is the case, replace them.

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 vehicle (increased by 5%), place a notice in the passenger compartment, plainly in view, which states the maximum speed allowed by the snow tyres (as per EC Directive).

All four tyres should be the same (brand and profile) to ensure greater safety when driving and braking as well as making the car more responsive.

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



WARNING

You must not exceed 160 km/h on snow tyres with a "Q" mark; in any case, make sure you stick to the rules of the highway code.

USING THE GEARBOX

To engage the gears, press the clutch pedal fully and shift the gear lever A fig. 125 into the desired position (the diagram is shown on the knob).

IMPORTANT Reverse may be engaged only when the vehicle is at a standstill. With the engine running, wait for at least 2 seconds with the clutch pedal fully depressed before engaging reverse to prevent damage to the gears and grating.



WARNING

Depress the clutch pedal fully to change gear correctly. There should be no obstacles on the floor underneath the pedals; make sure that mats are always flat and do not interfere with the pedals.

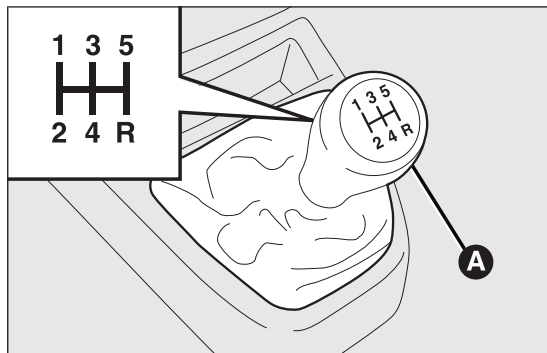


fig. 125

FOT0055



Do not drive with your hand resting on the gear lever as the force exerted, even if slight, could lead over time to premature wear of the gearbox internal components. The clutch pedal should be used only for gear changes. Do not drive with your foot resting on the clutch pedal, however slightly. The electronic clutch control could cut in by interpreting the incorrect driving style as a fault (for versions/ markets, where provided).

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SAVING FUEL

Some useful tips are given below for fuel saving and reducing harmful emissions of CO₂ and other pollutants (nitrogen oxides, unburnt hydrocarbons, Particulate Matter (PM) etc.).

GENERAL CONSIDERATIONS

The general factors that affect fuel consumption are listed below.

Vehicle maintenance

Have checks and adjustments carried out in accordance with the “Scheduled Servicing Plan”.

Tyres

Check the tyre pressure at least once every four weeks: if the pressure is too low, consumption levels increase as resistance to rolling is higher.

Unnecessary loads

Do not travel with an overloaded boot. The weight of the vehicle (especially when driving in town) and its trim greatly affect fuel consumption and stability.

Roof rack/ski rack

Remove the roof rack or the ski rack from the roof after use. These accessories reduce the aerodynamic coefficient of the vehicle and have a negative effect

on fuel consumption. It is better to use a trailer to transport particularly bulky objects.

Electric devices

Only use electrical devices for the amount of time needed. The heated rear window, additional headlights, windscreen/rear window wipers and heater fan need a considerable amount of energy, therefore increasing fuel consumption (by up to 25% in the urban cycle).

Climate control system

The air conditioner leads to higher fuel consumption (on average up to +20%). If the temperature outside is not too extreme, try and use the air vents.

Spoilers

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

DRIVING STYLE

The main driving styles that affect fuel consumption are listed below.

Starting

Do not warm up the engine at low or high revs when the vehicle is stationary; this causes the engine to warm up more slowly, thereby increasing fuel consumption and emissions. It is advisable to set off immediately and slowly, avoiding high revs: this allows the engine to warm up more quickly.

Unnecessary actions

Avoid revving up when stationary at traffic lights or before stopping the engine. The latter action, like double declutching, is unnecessary and increases consumption and pollution.

Gear selection

Use a higher gear as soon as traffic and road conditions allow. Using a low gear for faster acceleration will increase fuel consumption.

In the same way, improper use of a high gear increases fuel consumption, emissions and engine wear.

Top speed

Fuel consumption increases considerably with speed. Maintain a constant speed, avoiding unnecessary braking and acceleration, which cost in terms of both fuel consumption and emissions.

Acceleration

Sudden acceleration has a very negative effect on fuel consumption and emissions: accelerate gradually.

CONDITIONS OF USE

The main conditions of use which negatively affect consumption are illustrated below.

Cold starting

Short distances and frequent cold start-ups prevent the engine from reaching its optimum running temperature.

Consequently, both consumption (from +15 to +30% on the urban cycle) and emissions will increase.

Traffic and road conditions

Heavy traffic, for instance when travelling in a queue with frequent use of low gears or in cities with lots of traffic lights, causes fairly high fuel consumption. Mountain roads and uneven surfaces also have a negative effect on consumption.

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Traffic hold-ups

During prolonged hold-ups (e.g. at level crossings) the engine should be switched off.

TOWING TRAILERS

IMPORTANT

The vehicle must be provided with a type-approved tow hitch and adequate electrical system to tow trailers. Installation must be performed by specialised personnel who will issue the required papers for travelling on roads.

Install any specific and/or additional rear-view mirrors in accordance with the highway code of the country in which you are travelling.

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

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

The weight of the trailer on the vehicle tow hitch will reduce the loading capacity of the vehicle by the same amount.

Consider the weight at full load, including accessories and luggage, to make sure you do not exceed the maximum towable weight (shown in the log book).

Respect each country's speed limits for vehicles towing trailers. In all cases, the top speed must not exceed 80 km/h.



WARNING

The ABS with which the vehicle may be equipped will not control the braking system of the trailer. Particular caution is therefore required on slippery roads.



WARNING

Never modify the braking system of the vehicle to control the trailer brake. The trailer braking system must be fully independent from the hydraulic system of the vehicle.

SNOW CHAINS

The use of snow chains should be in compliance with local regulations.

Snow chains may be fitted only to the front wheel tyres (drive wheels).

Check the tension of the chains after the first few metres have been driven.



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

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PROLONGED VEHICLE INACTIVITY

If the vehicle needs to be off the road for longer than one month, the following precautions must be taken:

- ☐ park the vehicle indoors in a dry and, if possible, well-ventilated place;
- ☐ engage a gear and check that the handbrake is not on;
- ☐ disconnect the battery negative terminal and check the charge (see “Battery” in the “Maintenance and care”);
- ☐ clean and protect the painted parts using protective wax;
- ☐ clean and protect the shiny metal parts using special compounds readily available;
- ☐ sprinkle talcum powder on the rubber windscreen and rear window wiper blades and lift them off the glass;
- ☐ slightly open the windows;
- ☐ cover the vehicle with a piece of fabric or perforated plastic sheet. Do not use compact plastic tarpaulins, which prevent humidity from evaporating from the surface of the vehicle;
- ☐ inflate tyres to +0.5 bar above the normal specified pressure and check it at intervals;
- ☐ do not drain the engine cooling system.

WARNING LIGHTS AND MESSAGES

WARNING LIGHTS AND MESSAGES

The warning light (where allowed by the instrument panel) is associated to a specific message and/or acoustic tone. These indications are brief and precautionary and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner's Handbook, which you are recommended to read carefully in all cases. Always refer to the information in this chapter in the event of a failure indication.

IMPORTANT The fault indicators appearing on the display are divided into two categories: very serious and less serious failures.

Serious failures prompt a prolonged cycle of signals.

Less serious failures prompt a shorter cycle of signals.

The display cycle of both categories can be interrupted by pressing the SET  button. The warning light (or the symbol on the display) on the instrument panel will stay on until the cause of the failure is eliminated.



LOW BRAKE FLUID (red)/HANDBRAKE ENGAGED (red)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds.

Low brake fluid

The warning light turns on when the level of the brake fluid in the reservoir falls below the minimum level, possibly due to a leak in the circuit.

A specific message is displayed on certain versions.



WARNING

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

Handbrake engaged

The warning light turns on when the handbrake is engaged.

On some versions, an acoustic tone accompanies the warning light when the vehicle is moving.

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IMPORTANT If the warning light comes on when the car is in motion, check that the handbrake is not on.



AIR BAG FAULT (red)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds.

The warning light stays on constantly if there is a fault in the air bag system.

A specific message is displayed on certain versions.



WARNING

The warning light  may not light up when the key is turned to MAR or stay on while travelling to indicate a retaining system fault. In this case, the air bags or the pretensioners may not be activated in the case of an accident or (more seldom) they may be activated incorrectly. Contact a Fiat Dealership immediately to have the system checked.



WARNING

The failure of the  warning light is indicated by the  warning light flashing or, depending on the version, by the  symbol constantly on in the display. In this case, the  warning light may not indicate a fault in the restraint systems. Before continuing, contact a Fiat Dealership immediately to have the system checked.



EXCESSIVE ENGINE COOLANT TEMPERATURE (red)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds.

The warning light turns on when the engine is overheated.

If the warning light switches on, proceed as follows:

- ☐ When driving normally: stop the car, switch off the engine and check that the coolant level in the reservoir is not below the MIN mark. If it is, wait for the engine to cool down, then slowly and carefully open the reservoir cap. Top up with coolant, making sure that the level of fluid is between the MIN and MAX references on the reservoir. Also check visually for leaks. If, when restarting, the warning light switches on again, contact a Fiat Dealership.

- ❑ If the vehicle is used under demanding conditions (e.g. towing trailers uphill or fully loaded): slow down and, if the light stays on, stop the vehicle. Stop for two or three minutes with the engine running and slightly accelerated to assist better coolant circulation. Then switch the engine off. Check correct fluid level in the vessel as described above.

IMPORTANT On particularly demanding journeys, it is advisable to keep the engine on and slightly accelerated for a few minutes before switching it off. A specific message is displayed on certain versions.



LOW BATTERY CHARGE (red)

The warning light comes on when the ignition key is turned to MAR, but it should go out as soon as the engine has started (with the engine running at idle speed a brief delay before going out is acceptable).

If the warning light stays on, contact a Fiat Dealership immediately.

A specific message is displayed on certain versions.



GEARBOX FAILURE (red)

(for versions/markets, where provided)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds.

The warning light flashes (together with a message in the display and an acoustic signal) to indicate that the gearbox is faulty.

The warning light can switch on even in case of transmission overheating, after a particularly demanding use. In this case an engine performance limitation is carried out.

Contact a Fiat Dealership as soon as possible.



DPF (PARTICULATE TRAP) CLEANING UNDERWAY (amber)

(for versions/markets, where provided)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds.

The warning light stays on constantly to notify the driver that the DPF system needs to eliminate captured pollutants (particulate) by the regeneration process.

A specific message will appear on the display when the warning light comes on (for versions/markets, where provided).

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The warning light does not come on during every DPF regeneration, but only when driving conditions require notification to the driver. The warning light will go off if the vehicle stays in motion until regeneration has been completed. The process normally takes about 15 minutes.

The optimum conditions to end the process are achieved by keeping the car in motion at up to 60 km/h with an engine speed higher than 2000 rpm. This light coming on is not a fault and therefore the vehicle does not need to go to the workshop.



WARNING

During regeneration, the fan could be operated.



WARNING

Always drive at a speed appropriate to the traffic conditions, the weather and the laws in force. The engine may be turned off while the DPF light is on; however, repeated interruption of the regeneration process may result in premature degradation 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 recommended to complete DPF regeneration with the vehicle stationary.



ABS SYSTEM FAULT (amber)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds.

The warning light comes on when the system is either not working properly or not available. In this case the braking system maintains its own unaltered efficiency but without the advantage of the ABS system. Drive carefully and go to a Fiat Dealership as soon as possible.

A specific message is displayed on certain versions.



EBD FAULT (red/amber)

If the warning lights switch on simultaneously with the engine running, this indicates that there is a fault in the EBD system or that the system is unavailable. In this case, the rear wheels may suddenly lock and the vehicle may swerve when braking sharply. Drive very carefully to a Fiat Dealership to have the system inspected.

A specific message is displayed on certain versions.



**On steady: LOW ENGINE OIL
PRESSURE (red) - Blinking:
DEGRADED ENGINE OIL (Multijet
E5 versions only - red)**

When the ignition key is turned to MAR, the warning light switches on, but it should go out as soon as the engine is started.

Low engine oil pressure

The warning light turns on and stays on constantly (in versions/markets, where provided) along with the message on the display when the system detects that engine oil pressure is low.



WARNING

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

Degraded engine oil (Multijet versions with DPF only)

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

If the warning light flashes, this does not mean that the vehicle is defective, but simply informs the driver that the oil needs to be changed as a result of regular

vehicle use. If the oil is not changed, warning light  will also come on and engine operation is limited to 3000 rpm when a second threshold is reached.

If the oil is not changed, the engine is limited to 1500 rpm to prevent damage when a third threshold is reached.

Remember that the deterioration of the engine oil is accelerated by:

- ☐ mainly town use of the vehicle which makes the DPF regeneration process more frequent;
- ☐ use of the vehicle for short journeys, preventing the engine from reaching operating temperature;
- ☐ repeated interruption of the regeneration process, signalled by the DPF warning light coming on.



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

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**SEAT BELT REMINDER (red)**

The warning light on the panel comes on steadily when the vehicle is stationary and the driver's seat belt is not correctly fastened. It will flash, and be accompanied by an audible warning, if the front seat belts are not correctly fastened when the vehicle is moving.

The SBR (Seat Belt Reminder) acoustic warning tone can be disabled only by a Fiat Dealership.

On some versions, the system can be reactivated from the setup menu.

**DOOR OPEN (red)**

On certain versions, the warning light turns on when one or more doors or the boot are not properly closed.

A specific message is displayed on certain versions.

**LOW ENGINE OIL LEVEL (red)**

When turning the ignition key to MAR, the warning light turns on but it should go off after a few seconds.

This warning light appears on the panel when the engine oil level falls below the minimum recommended value. Restore the correct engine oil level (see "Checking fluid levels" in the "Servicing and care" section).

A specific message is displayed on certain versions.

**INJECTION SYSTEM FAULT
(Multijet versions - amber) - EOBD
ENGINE CONTROL SYSTEM
FAULT (petrol versions - amber)****Injection system failure**

Under normal conditions, turning the ignition key to MAR, the warning light turns on but it should go off after the engine starts.

If the warning light stays on or comes on when travelling, it means there is a fault in the injection system which could cause loss of performance, poor handling and high fuel consumption levels.

A specific message is displayed on certain versions.

Under these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. In any case, you should go to a Fiat Dealership as soon as possible.

EOBD engine management system failure

Under normal conditions, turning the ignition key to MAR, the warning light turns on but it should go off after the engine starts.

This indicates that the warning light is working correctly. If the warning light either stays on or comes on during your journey:

- ❑ fixed: this means there is a fault in the supply/ignition system which could cause high exhaust emissions, loss of performance, poor handling and high fuel consumption levels. A specific message is displayed on certain versions. Under these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the vehicle with the warning light on may cause damage. Go to a Fiat Dealership as soon as possible. The warning light goes out after the fault disappears, but the indication is stored in the system.
- ❑ blinking: this indicates possible damage to the catalytic converter (see “EOBD system” in the “Know your vehicle” section). If the light flashes, come off the accelerator pedal to reduce engine revs until the warning light stops flashing; continue the journey at moderate speed, trying to avoid driving conditions that may cause further flashing, and get to a Fiat Dealership as soon as possible.



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



FUEL RESERVE (amber)

Turning the key to the MAR position illuminates the warning light, but it should switch off after a few seconds. The warning light switches on when about 6 to 7 litres of fuel are left in the tank.

The triangle on the right side of the  symbol indicates the side of the car with the fuel filler.

IMPORTANT The warning light will blink to indicate a system failure. If this is the case, go to a Fiat Dealership to have the system checked.

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GLOW PLUG PREHEATING/GLOW PLUG FAULT (Multijet versions - amber)

Glow plugs preheating

This warning light comes on when the key is turned to MAR. It will go out as soon as the glow plugs have reached a preset temperature.

Start the engine as soon as the warning light goes out.

IMPORTANT When it is particularly warm outside, the warning light stays on for an extremely short time.

Glow plug preheating fault

The warning light flashes if there is a fault in the preheating system. Go to a Fiat Dealership as soon as possible.

A specific message is displayed on certain versions.



WATER IN DIESEL FUEL FILTER (Multijet versions - amber)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds.

The warning light  turns on when there is water in the diesel fuel filter.

A specific message is displayed on certain versions.



The presence of water in the fuel supply circuit may cause severe damage to the injection system and irregular engine operation. If warning light  lights up (on some versions with the message on the display), go to a Fiat Dealership as soon as possible to have the system bled. Water may have entered the tank if this appears immediately after refuelling: if this happens, switch the engine off immediately and contact a Fiat Dealership.



The presence of water in the fuel supply circuit may cause severe damage to the injection system and irregular engine operation. If warning light  lights up (on some versions, warning light  with the message on the display), go to a Fiat Dealership as soon as possible to have the system bled. Water may have entered the tank if this appears immediately after refuelling: if this happens, switch the engine off immediately and contact a Fiat Dealership.



ESC SYSTEM (amber)

ESC system activation

Flashing of the warning light while driving indicates the intervention of the ESC system.

ESC system failure

When the key is turned to MAR, the warning light switches on, but it should switch off after a few seconds; if the warning light does not switch off, or stays on whilst driving, contact a Fiat Dealership. The display will show a dedicated message.



HILL HOLDER FAILURE (amber)

(for versions/markets, where provided)

When the key is turned to MAR-ON, the warning light switches on, but it should switch off after a few seconds; the warning light on indicates a Hill Holder system failure. In this case, contact a Fiat Dealership as soon as possible. The display will show a specific message.



VEHICLE PROTECTION SYSTEM FAULT - FIAT CODE (amber) - ALARM FAULT (for versions/markets, where provided - amber) - BREAK-IN ATTEMPT (amber)

Fiat CODE Vehicle protection system fault

If, with the ignition key at MAR, the warning light stays on permanently, this indicates a possible failure (see “Fiat Code system” in the “Know your vehicle” section).

A specific message is displayed on certain versions.

IMPORTANT Warning lights  and  will come on at the same time to indicate a Fiat CODE system failure.

If with the engine running the warning light  flashes, the vehicle is not protected by the engine immobiliser (see “Fiat Code system” in section “Know your vehicle”).

Contact a Fiat Dealership to have all the keys stored.

Alarm fault

A fault with the alarm system is signalled by this warning light  (or symbol in the display) coming on. A specific message is displayed on certain versions.

Contact a Fiat Dealership as soon as possible.

Break-in attempt

The warning light will blink rapidly or the symbol will appear on the display to indicate a break-in attempt. A specific message is displayed on certain versions.

Contact a Fiat Dealership as soon as possible.

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GENERIC FAILURE INDICATION (amber)

The warning light turns on in the following circumstances:

Engine oil pressure sensor failure

The warning light turns on when an engine oil pressure sensor failure is detected.

Go to a Fiat Dealership to have the fault fixed as soon as possible.

Exterior lights fault

The warning light comes on (on some versions) when a failure is detected in one of the following lights:

- ☐ side/tail lights
- ☐ brake lights
- ☐ rear fog lights
- ☐ direction indicators
- ☐ number plate lights.

The failure relating to these lights could be: one or more blown bulbs, a blown protection fuse or a break in the electrical connection.

A specific message is displayed on certain versions.

Fuel cut-off inertia switch tripped

The warning light switches on when the fuel cut-off inertia switch is triggered.

The display will show a dedicated message.

Parking sensor failure

(for versions/markets, where provided)

See parking sensor warning light section.

Start&Stop fault

(for versions/markets, where provided)

The warning light comes on when a Start&Stop system fault is detected.

Warning light failure

The warning light  turns on and flashes to indicate a failure of the warning light . In this case, the  warning light may not indicate a fault in the restraint systems.

Before continuing, contact a Fiat Dealership immediately to have the system checked.



TPMS (amber)

TPMS failure

The warning light switches on and blinks for approx. 75 seconds, then it stays on constantly, when a fault is detected in the TPMS.

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

Tyre pressure low

The warning light switches on to indicate that the tyre pressure is lower than the recommended value and/or that a pressure loss is occurring. In these circumstances, optimal tyre duration and fuel consumption may not be guaranteed.



BRAKE PAD WEAR (amber)

The warning light goes on if the front brake pads are worn. In this case replace them as soon as possible.

A specific message is displayed on certain versions.



PARKING SENSOR FAULT (yellow)

(for versions/markets, where provided)

The warning light turns on when a parking sensor fault is detected.

On certain versions warning light  comes on instead.

In this case, contact a Fiat Dealership.

A specific message is displayed on certain versions.



ASR SYSTEM DEACTIVATED (amber)

The ASR system can be turned off by pressing the button ASR OFF.

The warning light switches on to warn the driver that the system is off.

If the ASR OFF button is pressed again, the warning light will switch off to inform the driver that the system is on again.

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TRACTION PLUS SYSTEM ACTIVATION (amber)

(for versions/markets, where provided)

The warning light switches on when the Traction Plus system is activated by pressing the T+ button on the dashboard.

The LED on the button turns on.

Traction Plus system failure

When the key is turned to MAR-ON, if the warning light remains on or switches on together with the LED on the button and the warning light  when travelling, contact a Fiat Dealership.

The display will show a specific message.



CRUISE CONTROL (green)

The warning light turns on together with the message on the display when turning the knurled ring of the Cruise Control to ON.



SIDE/TAIL LIGHTS (green) - FOLLOW ME HOME (green)

Side lights/tail lights

The warning light comes on when the side/taillights are turned on.

Follow Me Home

The warning light will turn on when this device is active (see “Follow me home” in the “Know your vehicle” section).

The display will show a dedicated message.



FRONT FOG LIGHTS (green)

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



REAR FOG LIGHTS (amber)

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



LEFT-HAND DIRECTION INDICATOR (green - intermittent)

The light (arrow) comes on when the direction indicator control lever is moved downwards or, together with the right-hand arrow, when the hazard warning light button is pressed.



RIGHT-HAND DIRECTION INDICATOR (green - intermittent)

The light (arrow) comes on when the direction indicator control lever is moved upwards or, together with the left-hand arrow, when the hazard warning light button is pressed.



MAIN BEAMS (blue)

The warning light switches on when the main beams are activated.

GEAR SHIFT INDICATION

(for versions/markets, where provided)



On vehicles with a manual gearbox, the gear shift indicator suggests gear changes to the driver (SHIFT UP or SHIFT DOWN) via a special display on the control panel. This suggestion to change gear is designed to improve consumption and ensure the best driving style.

Note The indication in the instrument panel remains on until the driver makes a gear change or until the driving conditions return to a situation where a gear change is not required to improve consumption

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In an emergency, we recommend that you call the freephone number found in the **Warranty Booklet**. You can also go to the www.fiat.com website to find your nearest Fiat Dealership.

STARTING THE ENGINE

Go to a Fiat Dealership immediately if warning light  comes on steady on the instrument panel.

JUMP STARTING

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

Proceed as follows to start the car fig. 126:

- ☐ connect positive terminals (+ near the terminal) of the two batteries with a jump lead;
- ☐ with a second lead, connect the negative terminal (-) of the auxiliary battery to an earthing point  on the engine or the gearbox of the vehicle to be started;
- ☐ start the engine;
- ☐ when the engine has been started, remove the leads reversing the order above.

If after a few attempts the engine does not start, do not keep trying but contact a Fiat Dealership.

IMPORTANT Do not directly connect the negative terminals of the two batteries: sparks could ignite explosive gas released from the battery. If the auxiliary battery is installed on another vehicle, prevent accidental contact between metallic parts of the two vehicles.



Strictly avoid using a rapid battery charger for jump starting: this could damage the system electronics and the ignition and engine supply control units.

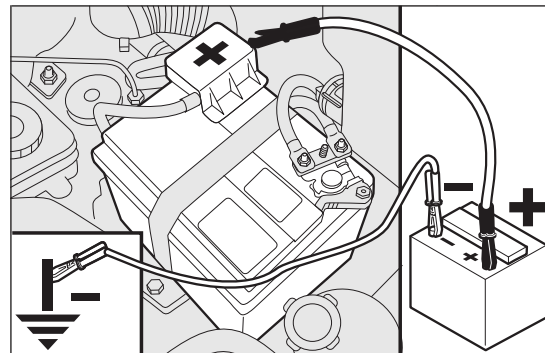


fig. 126

F0T0189



WARNING

This procedure must be performed by experts because incorrect actions may cause considerable electrical discharge. Furthermore, battery fluid is poisonous and corrosive: avoid contact with skin and eyes. Keep naked flames and lit cigarettes away from the battery. Do not create sparks.

BUMP STARTING

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

IMPORTANT Remember that the brake booster and the power steering system are not active until the engine is started, so you will need to apply much more force to the brake pedal or steering wheel.

CHANGING A WHEEL

The vehicle is originally equipped with the Fix&Go automatic quick tyre repair kit (see instructions in the next section). As an alternative, the vehicle may have a normal-sized spare wheel.

Wheel changing and correct use of the jack and spare wheel call for some precautions, as listed below.



WARNING

The spare wheel (for versions/markets, where provided) is specifically for your vehicle. Therefore, it must not be used on other models. Do not use spare wheels of other models on your vehicle. The spare wheel must be used only in an emergency. Use of the spare wheel must be strictly reduced to the necessary minimum.

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**WARNING**

Use your hazard lights, warning triangle, etc to show that your vehicle is stationary. Passengers should get out of the vehicle, particularly if it is heavily loaded, and wait for the wheel to be changed away from the traffic. If you are on a slope or uneven surface, place wedges or other suitable objects under the wheels to secure the vehicle. Have the wheel repaired and refitted as soon as possible. Do not apply grease to the bolt threads before fitting: they could come unscrewed.

**WARNING**

Use the jack only to replace wheels on the vehicle with which it is supplied or on other vehicles of the same model. Never use the jack for other purposes, such as lifting other models. Never use the jack to carry out repairs under the vehicle. Incorrect positioning of the jack may cause the lifted vehicle to fall. Do not use the jack for loads higher than the one shown on its label.

**WARNING**

Incorrect hub cap assembly may cause it to come off when the vehicle is moving. Never tamper with the inflation valve. Never introduce tools of any kind between rim and tyre. Check tyre and space-saver wheel pressures regularly, referring to the values shown in the "Technical data" chapter.

Please note that:

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

To change a wheel, proceed as follows:

- ☐ stop the vehicle in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground must be flat and sufficiently compact;
- ☐ switch off the engine and pull the handbrake;
- ☐ engage first gear or reverse;
- ☐ wear the reflective safety jacket (compulsory by law in certain countries) before getting out of the vehicle;

❑ indicate that the vehicle has broken down using the devices required by the law in the current country (e.g. warning triangle, hazard lights, etc.);

❑ open the tailgate, take the tool bag fig. 127 located on the left of the boot by releasing the elastic straps and take to the wheel to be replaced;

❑ the bag contains the following tools fig. 128:

A jack handle

B jack

C wheel wrench

D tow hook

E tool bag elastic strap

F fuse tong

G screwdriver

The tool bag contains some spare fuses.

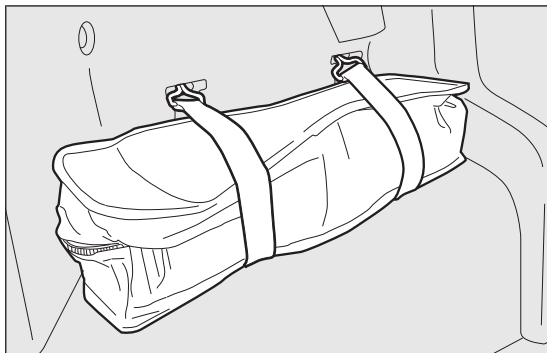


fig. 127

FOT0206

❑ Take the wrench **C** fig. 128 and from inside the boot loose the spare wheel fastening bolt **A** fig. 129 to let it down. To reduce the effort, insert screwdriver **G** fig. 128 in the seat in the wrench **C**;

❑ use the wrench **C** fig. 128 to remove the wheel from the vehicle fig. 130;

❑ remove the cap **B** fig. 131 and release the strap, when free the wheel from the toothed support **C** by loosen the two screws;

❑ for vehicles with alloy rims, remove the hub cap:

❑ loosen the fastening bolts of the wheel to be replaced by about one turn, using the wrench **C** fig. 128;

❑ for wheels with steel rims, remove the wheel cap;

❑ turn the jack to open it partially fig. 132 and then position it under the vehicle at the references **A** fig. 133 near the wheel to be replaced;

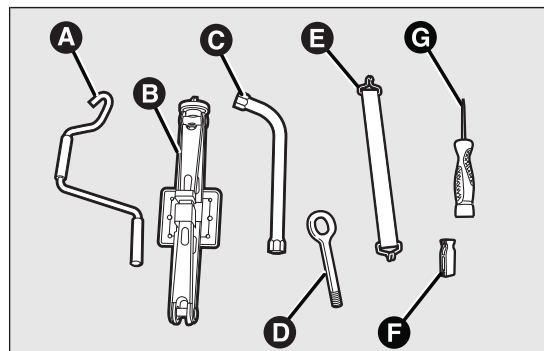


fig. 128

FOT0281

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- turn the jack to open it until the groove A fig. 134 of the jack is correctly inserted in the lower

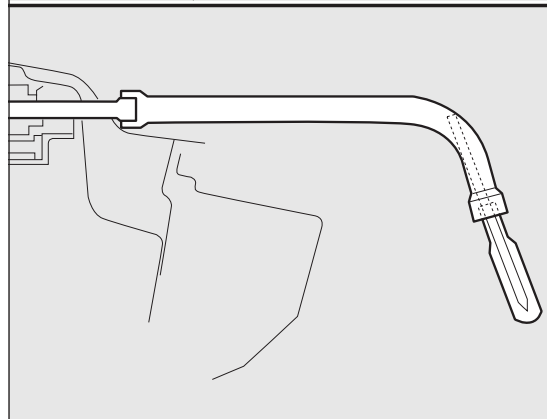
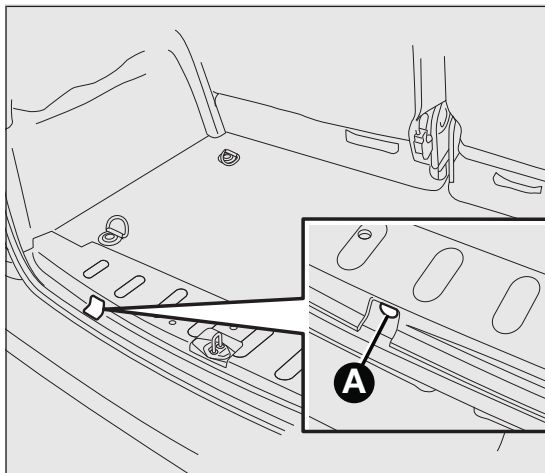


fig. 129

F0T0292

profile B on the side member:

- warn anybody nearby that the vehicle is about to be lifted. They must stay clear and not touch the vehicle until it is back on the ground.

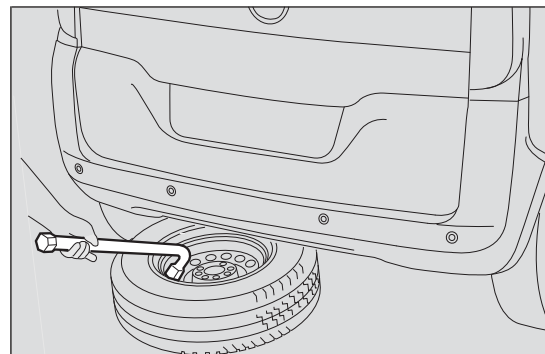


fig. 130

F0T0419

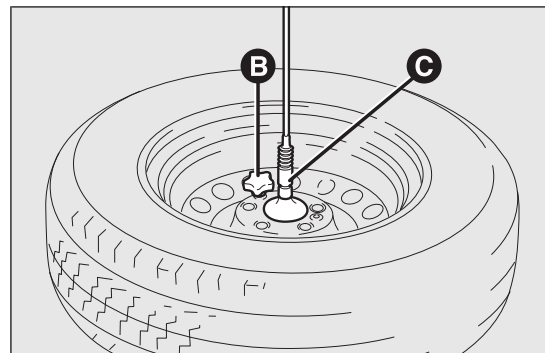


fig. 131

F0T0169

- ❑ operate the jack and lift the vehicle until the wheel is several centimetres off the ground. When turning the crank, ensure that it rotates freely in order to avoid grazing your hands against the ground. The moving components of the jack (screws and joints) can also cause injuries: avoid touching them. If you become soiled with the

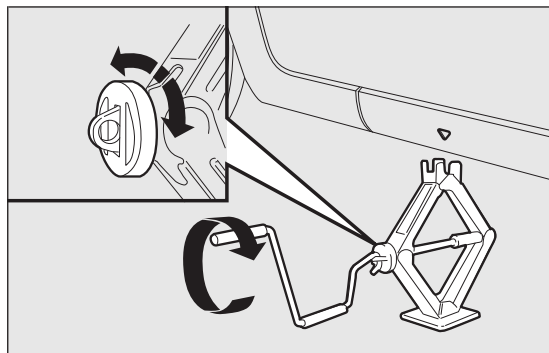


fig. 132

F0T0124

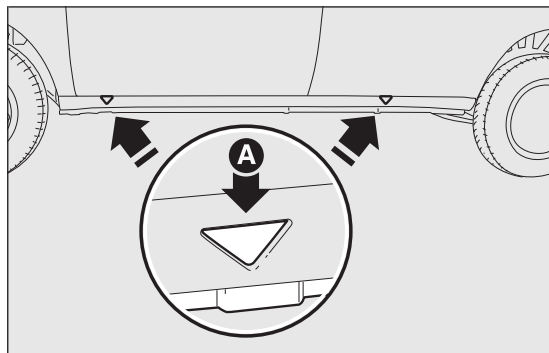


fig. 133

F0T0125

lubricating grease, clean it off thoroughly;

- ❑ fully loosen the four fastening bolts and remove the wheel;
- ❑ make sure the contact surfaces between spare wheel and hub are clean so that the fastening bolts will not come loose;
- ❑ fit the standard wheel by inserting the first bolt two threads B fig. 135 into the hole closest to the inflation valve A;
- ❑ fit the hub cap, making sure that the symbol  (on the cup) aligns with the inflation valve, and then insert the other three bolts;

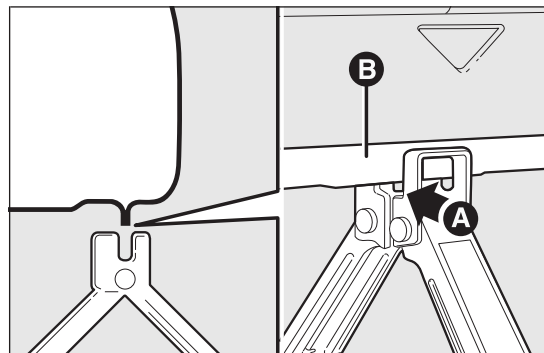


fig. 134

F0T0126

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- ☐ tighten the bolts using the spanner provided;
- ☐ for vehicles with alloy rim, fit the hub cap;
- ☐ turn the jack handle to lower the vehicle, and remove the jack;
- ☐ use the wrench provided to fasten the bolts completely in a criss-cross fashion as shown in fig. 136.

At the end of the operation

- ☐ Fix the toothed support on the wheel by means of two screws (insert in the outer wheel support). Refit the restraining metallic wire in the seat and refit the protective cap A fig. 137;
- ☐ check replaced wheel positioning under the floor (the lifting system is supplied with a clutch to limit the end of the stroke). Incorrect positioning may jeopardise safety;
- ☐ lift the wheel by fastening the bolt A fig. 129;

- ☐ put jack and tools back in the specific tool bag;
- ☐ reposition the tool bag in the boot;
- ☐ secure the tool box to the hooks.

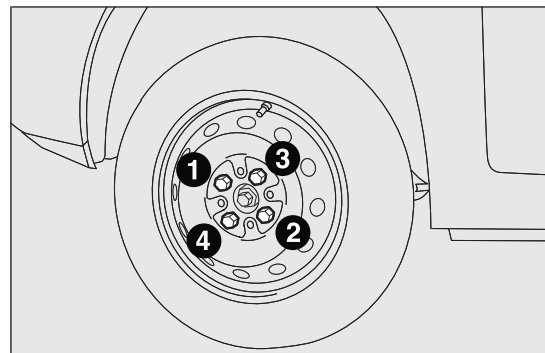


fig. 136

F0T0128

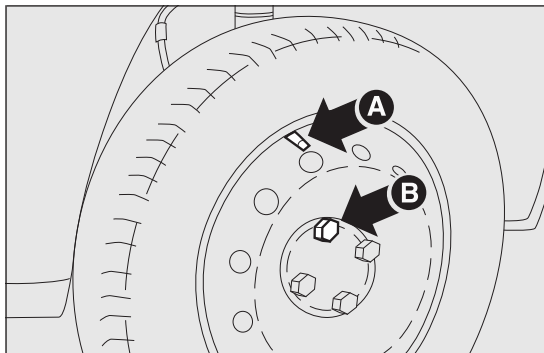


fig. 135

F0T0282

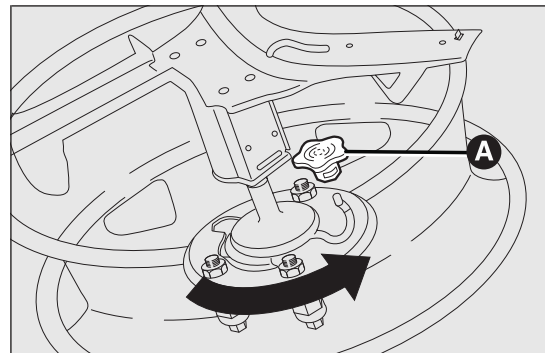


fig. 137

F0T0170

FIX & GO AUTOMATIC KIT



WARNING

The information required by the applicable regulation is indicated on the Fix&Go kit package label. Compliance with the indications on the label is an essential condition to ensure the safety and the effectiveness of the Fix&Go kit. Carefully read the label before use, avoid improper use. Fix&Go is subject to expiration and must be replaced periodically. The kit should be used by adults and cannot be used by children.



Show the package and the label to the personnel charged with handling the tyre treated with the tyre repair kit.



Fix&Go provides a temporary repair, therefore the tyre must be examined and repaired by a specialist as soon as possible. The sealing fluid is effective at temperatures between -40°C and $+50^{\circ}\text{C}$. It is possible to repair tyres which have been damaged on tread up to a diameter of 4mm; however, tyres damaged on their side cannot be repaired. Before using Fix&Go kit, ensure that the tyre isn't excessively damaged and that the rim is in good condition, otherwise do not use it and contact a Fiat Dealership. Do not remove foreign bodies from the tyre. Do not let the compressor turned on for more than 20 consecutive minutes - overheating hazard.

The Fix&Go automatic quick tyre repair kit is located in a special container in the boot.

The quick tyre repair kit contains fig. 138:

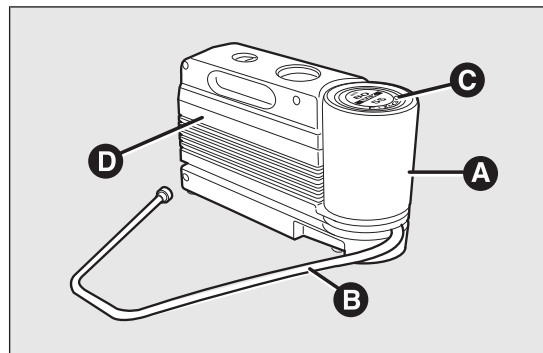


fig. 138

F0T0129

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- ❑ one tank A containing the sealing fluid, provided with: filler tube B and adhesive label C with the writing "Max. 80 km/h", to be attached in a position easily visible to the driver (on the dashboard) after tyre repair;
- ❑ compressor D complete with pressure gauge and connectors;
- ❑ an instruction leaflet fig. 139, to refer to for prompt and correct use and that must be then given to the personnel dealing with the tyre treated with sealant;
- ❑ a pair of protective gloves located in the side compartment of the compressor;
- ❑ some adaptors, for inflating different elements.

TYRE REPAIRING AND PRESSURE RESTORING PROCEDURE

Proceed as follows:

- ❑ place the vehicle in a safe and suitable area, engaging the parking brake. Take the kit from the specific compartment. Remove the adhesive label of speed C fig. 138 and apply it in a visible position. Wear the protective gloves provided. Remove the cap from the valve B fig. 140 of the punctured tyre and connect and firmly tighten the transparent tube of the sealing fluid A;
- ❑ ensure that the on-off button E fig. 142 is in the 0 (OFF) position. If provided, open the cover of the compressor D fig. 138 and insert the electrical connector in the 12V socket of the vehicle fig. 141, switch on the vehicle engine;

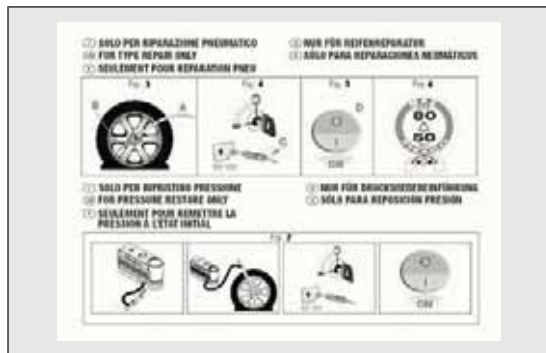


fig. 139

FOT0130

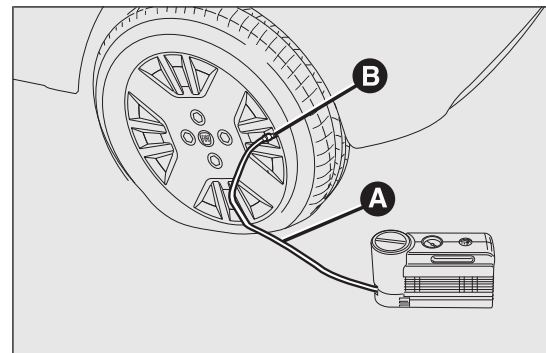


fig. 140

FOT0190

- activate the compressor moving on-off button E to the I (ON) fig. 142 position. When the pressure gauge F indicates the right pressure for the vehicle, switch off the compressor by moving the on-off switch F to the 0 position. If after 5 minutes from the compressor ignition, the pressure gauge F indicates a pressure less than 1.8 bar / 26 psi, switch off the compressor, disconnect the sealing fluid tube from the tyre valve, re-screw the valve cap and move the vehicle about 10 meters to allow the distribution of sealing fluid in the tyre. Securely stop the vehicle and repeat the operation above until reaching the required pressure. If after other 5 min. from the compressor ignition, the pressure gauge F still indicates a pressure lower than 1.8 bar / 26 psi, the **TYRE IS TOO DAMAGED AND CANNOT BE REPAIRED**. Remove and place the kit in the specific compartment and contact a Fiat Dealership;

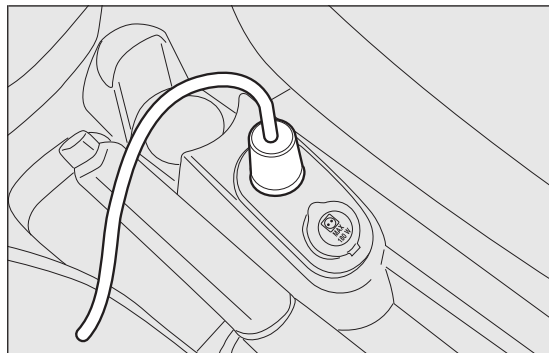


fig. 141

FOT0133

- if the required pressure is reached, restart driving. Do not exceed 80 km/h. Avoid sudden acceleration or braking. After driving for about 8 km / 5 miles, place the vehicle in a safe and suitable area, engaging the parking brake. Pick up the kit, ensure the on-off switch E is in the 0 position, insert the electrical connector in the vehicle 12V socket. Remove the cap from the valve of repaired tyre, disconnect and pull out the black inflation tube fig. 143, connect it to the valve and lock it with the lever. Inspect the pressure gauge F to check the tyre pressure fig. 142;
- if the pressure indicated is lower than 1.8 bar / 26 psi, the **TYRE IS TOO DAMAGED AND CANNOT BE REPAIRED**. Remove and place the kit in the specific compartment and contact a Fiat Dealership;

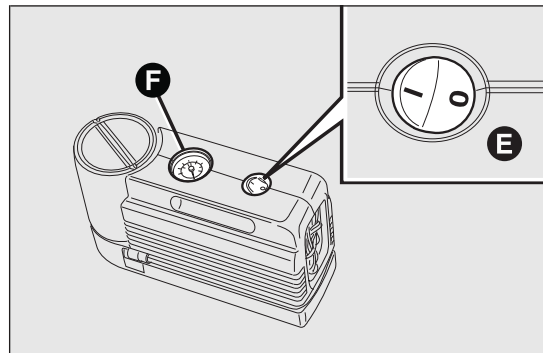


fig. 142

FOT0131

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- ❑ if the pressure indicated is equal to or higher than 1.8 bar / 26 psi, switch on the compressor and reach the required pressure. Disconnect and replace the kit in the specific compartment. Carefully drive and reach the Fiat Dealership as soon as possible;

PRESSURE RESTORING

The compressor can also be used to check and, if necessary, restore the tyre pressure. Disconnect and pull out the black inflation tube, connect and block it to the tyre valve fig. 143 with the lever. With the same procedure it is possible to inflate bicycle tyres and balloons. The kit should be used by adults and cannot be used by children.

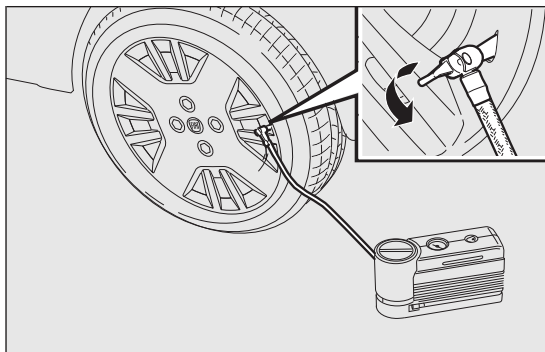


fig. 143

FOT0192

CARTRIDGE REPLACEMENT

Only use Fix&Go original cartridges which can be purchased at Fiat Dealership. To remove the cartridge, disengage the coupling of the black inflation tube B fig. 144, rotate the cartridge anticlockwise and then lift it; insert the new cartridge, rotate it clockwise to end of travel position, insert the coupling of the black inflation tube blocking it with the stalk and then rewind the transparent tube A in the compressor site.

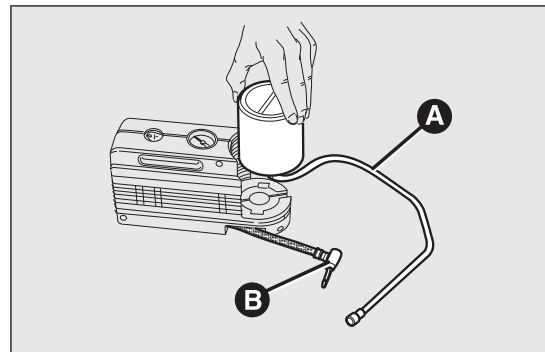


fig. 144

FOT0132

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 height of the headlight beam after changing a bulb, for reasons of safety;
- ❑ when a light is not working, check that the corresponding fuse is intact before changing the bulb. For the location of fuses, refer to the “Changing a fuse” paragraph in this section;



WARNING

Modifications or repairs to the electrical 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.



WARNING

Halogen bulbs contain pressurised gas which may cause small fragments of glass to be projected outwards if the bulb is broken.



Halogen bulbs must be handled holding the metallic part only. Touching the transparent part of the bulb with your fingers may reduce the intensity of the emitted light and even reduce the lifespan of the bulb. If you do touch it accidentally, rub the bulb with an alcohol-soaked cloth and leave to dry.



If possible, we recommend have bulbs replaced by a Fiat Dealership. Proper operation and orientation of the external lights are essential for the safety of the running vehicle, and to avoid incurring legal sanctions.

IMPORTANT The internal surface of the light may appear slightly misty: this does not indicate a fault, and is actually caused by low temperature and the degree of humidity in the air. Misting will rapidly disappear when the headlights are switched on. The presence of drops inside the headlights indicates infiltration of water. Go to a Fiat Dealership.

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TYPES OF BULBS

Various types of bulbs are fitted to your car:

Glass bulbs: (type A) clipped into position. Pull to remove.

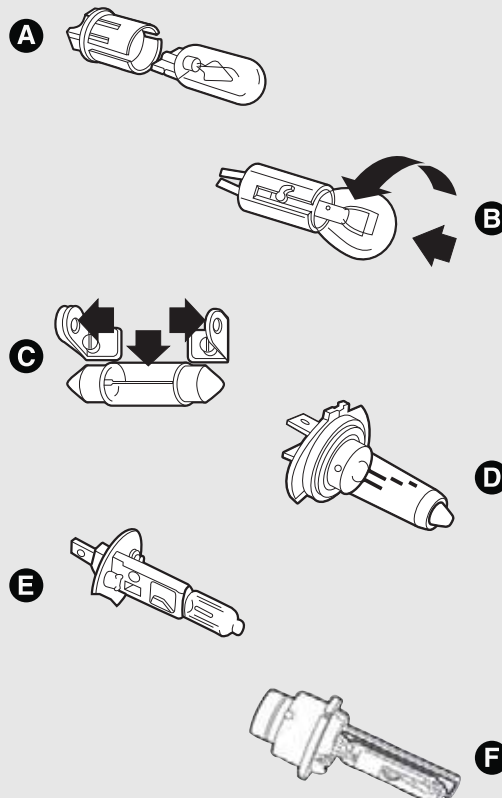
Bayonet bulbs: (type B) press the bulb and turn anticlockwise to extract.

Tubular bulbs: (type C) release them from their contacts to remove.

Halogen bulbs: (type D) to remove the bulb, release the clip holding the bulb in place.

Halogen bulbs: (type E) to remove the bulb, release the clip holding the bulb in place.

Xenon gas discharge lamps: (type F) go to a Fiat Dealership for replacement.



Bulbs

Bulbs	Type	Power	Figure ref.
Main beams	H4	55W	E
Dipped beams	H4	60W	D
Front side lights	W5W	5W	A
Front direction indicators	PY21W	21W	B
Side direction indicators	WY5W	5W	A
Rear direction indicators	PY21W	21W	B
Tail lights/rear fog lights	P4/21W	4W/21W	B
Brake light	P21W	21W	B
Number plate	W5W	5W	C
3rd brake light (*)	W5W	5W	A
Reverse light	P21W	21W	B
Front fog lights (for versions/markets where provided)	H1	55W	E
Front ceiling light with movable lens	C	10W	C
Front ceiling light with spot lights (for versions/markets, where provided)	C	10W	C
Rear ceiling light (for versions/markets, where provided)	C	10W	C

(*)IMPORTANT For versions/markets, where provided, in versions with tinted windows, replace the whole light unit, since it is sealed.

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CHANGING AN EXTERIOR BULB

For the type of bulb and corresponding power rating, see the paragraph "Changing a bulb".

FRONT LIGHT CLUSTERS

The front light clusters fig. 145 contain sidelight, dipped beam, main beam and direction indicator bulbs.

The bulbs are arranged inside the light cluster as follows:

- ☐ A Side lights/tail lights and main/dipped beam headlights;
- ☐ B Direction indicators.

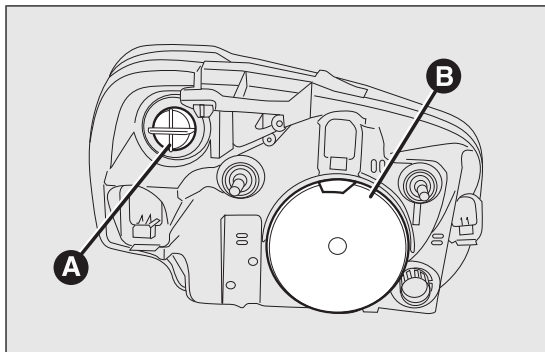


fig. 145

F0T0093

SIDE LIGHTS - TAIL LIGHTS

To change the bulb, proceed as follows:

- ☐ remove the protective lid A fig. 145;
- ☐ turn the bulb holder A fig. 146 anticlockwise and remove it;
- ☐ remove the bulb B and replace it;
- ☐ refit the new bulb, insert the bulb holder A fig. 146 again and then refit the protective lid A fig. 145 correctly.

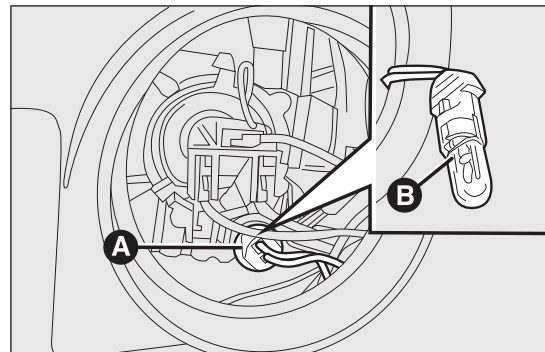


fig. 146

F0T0094

DIPPED/MAIN BEAM HEADLIGHTS

To change the bulb (double filament), proceed as follows:

- ❑ remove the protective lid A fig. 145;
- ❑ release the bulb holder clip;
- ❑ remove the bulb A fig. 147 from connector B and replace it;
- ❑ refit the new bulb by inserting it on connector B and then make the contour of the metallic part mate with the grooves obtained on the headlight parabola;
- ❑ refit the bulb holder clip and refit the protective lid A fig. 145 correctly.

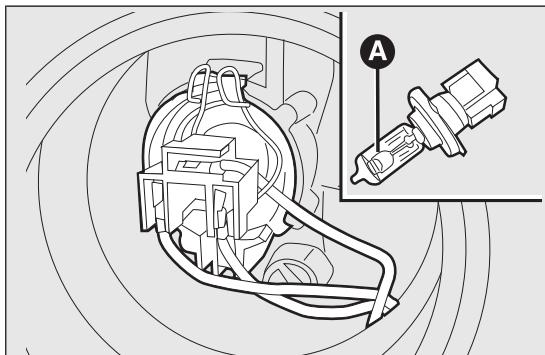


fig. 147

F0T0095

DIRECTION INDICATORS

Front

To change the bulb, proceed as follows:

- ❑ turn the protective lid B fig. 145 anticlockwise;
- ❑ remove the bulb A fig. 148 and replace it;
- ❑ refit the protective lid B correctly.

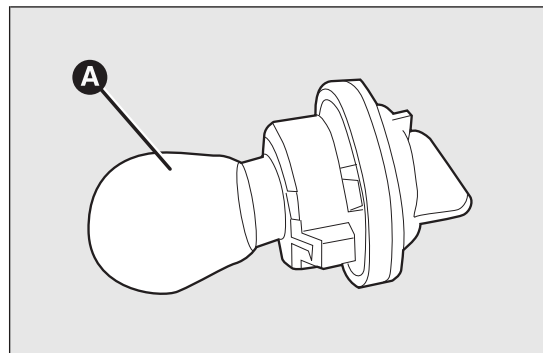


fig. 148

F0T0096

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Side lights

To change the bulb, proceed as follows:

- ❑ operate the lens A fig. 149 to press in the internal catch B fig. 150, then pull the unit outwards;
- ❑ turn the bulb holder C anti-clockwise, extract bulb D and replace it;
- ❑ refit the bulb holder C in the lens and turn it clockwise;
- ❑ refit the unit making sure that the internal catch B clips into position.

FOG LIGHTS

(for versions/markets, where provided)

IMPORTANT Contact Fiat Dealership to replace the front fog lights.

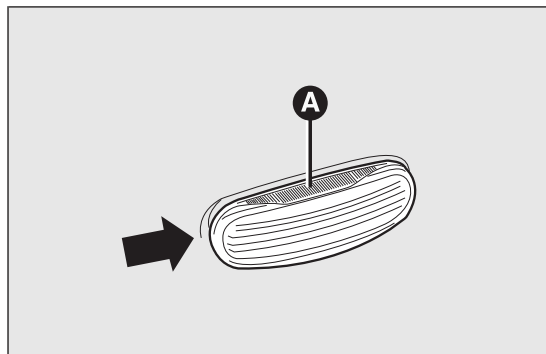


fig. 149

F0T0097

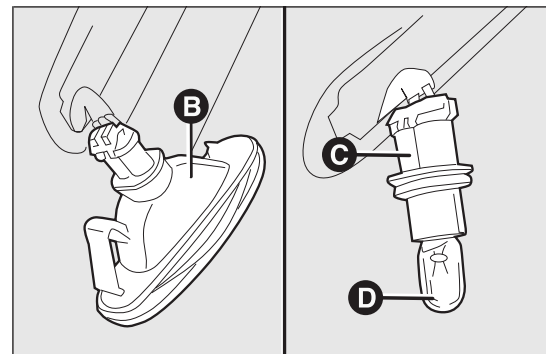


fig. 150

F0T0098

REAR LIGHT CLUSTERS

The rear light clusters contain taillight, brake light, direction indicator and reverse/rear fog light bulbs.

To access the light clusters, proceed as follows:

- ❑ open the rear swing doors;
- ❑ loosen the screws A fig. 151 so as to access the light cluster B fig. 152;
- ❑ remove the connector C fig. 152.

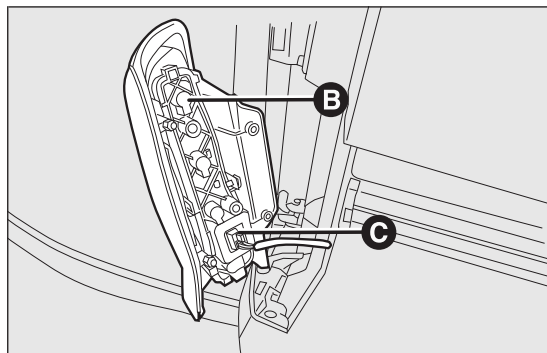


fig. 152

F0T0100

The bulbs are arranged inside the light cluster fig. 153 and fig. 154 as follows:

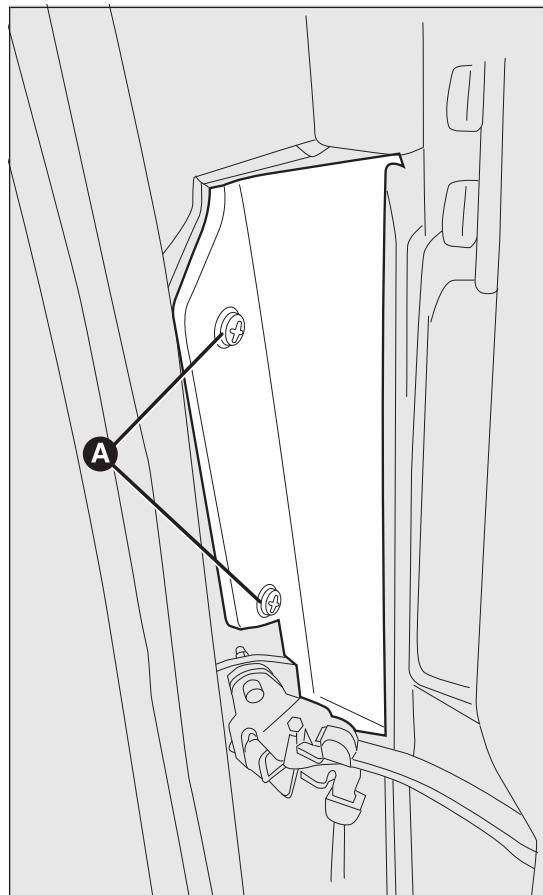


fig. 151

F0T0099

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A Brake lights

B Direction indicators

C Reverse lights

D Tail lights/rear fog light

Pull the 5 tabs E fig. I 53 outwards to access the bulbs.

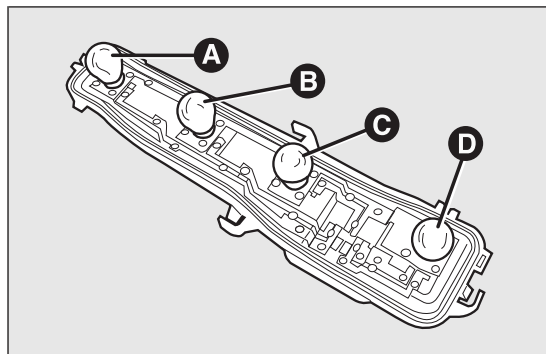


fig. I 54

F0T0102

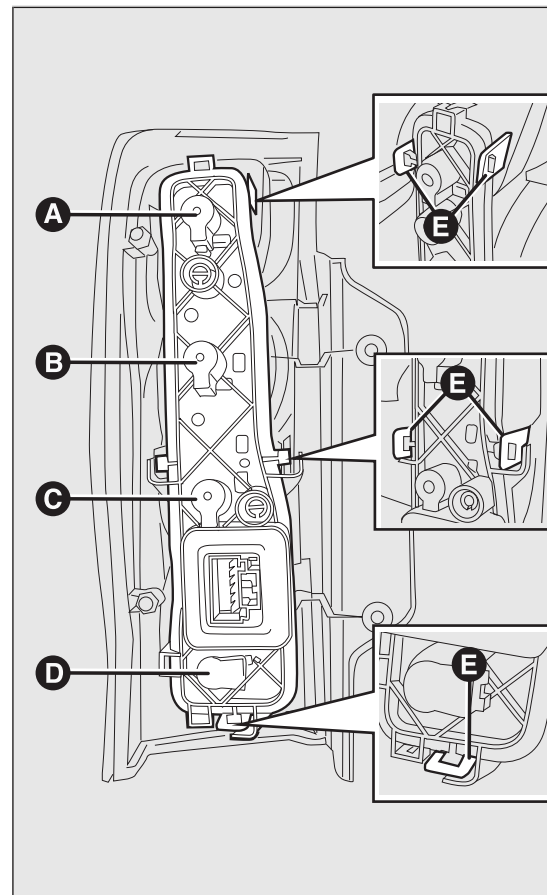


fig. I 53

F0T0101

THIRD BRAKE LIGHTS

Tailgate versions

To replace the bulbs, proceed as follows fig. 155 - fig. 156:

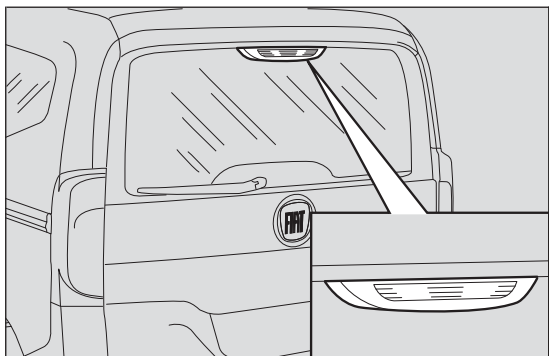


fig. 155

F0T0212

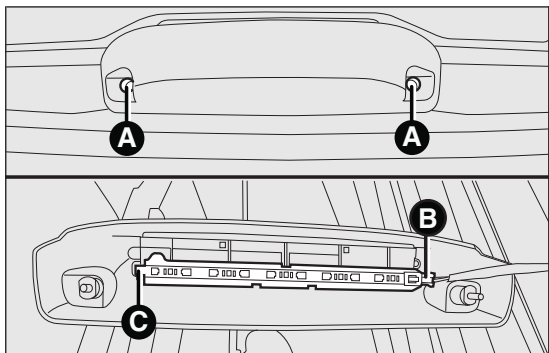


fig. 156

F0T0443

- ☐ open the tailgate and loosen the two retaining screws A;
- ☐ disconnect the electrical connector B;
- ☐ release the retainer tab C and open the bulb holder assembly;
- ☐ extract the snap-fitted bulb and replace it.

NUMBER PLATE LIGHTS

Proceed as follows to replace the bulbs A fig. 157:

- ☐ operate the holding tabs at the points indicated by the arrows, and remove the bulb holder;
- ☐ turn the bulb holder B fig. 158 anticlockwise and then remove the bulb C.

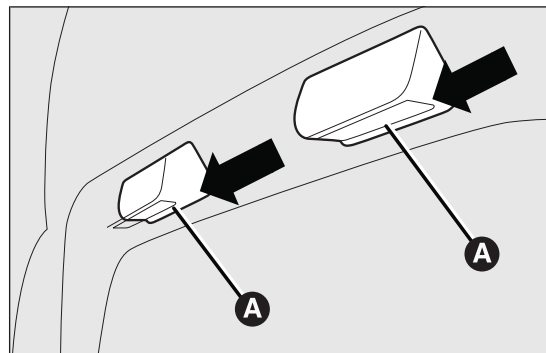


fig. 157

F0T0104

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CHANGING AN INTERIOR BULB

For the type of bulb and corresponding power rating, see the paragraph "Changing a bulb".

FRONT CEILING LIGHT

Ceiling light with movable lens

To change the bulbs, proceed as follows:

- ☐ extract the ceiling light A fig. 159 by operating in the points shown by the arrows;
- ☐ open the lid B fig. 160 as shown;
- ☐ remove bulb C fig. 160 by releasing it from the side contacts, then insert the new bulb and make sure it is correctly clamped between these contacts;
- ☐ close the lid and secure the ceiling light into its housing, making sure it locks properly into place.

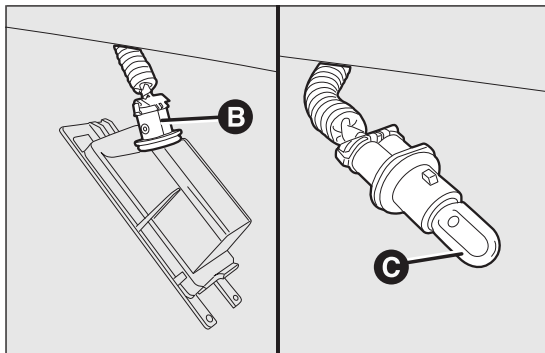


fig. 158

FOT0105

Roof light with spot lights (for versions/markets, where provided)

To change the bulbs, proceed as follows:

- ☐ operate in the points shown by the arrows and remove ceiling light A fig. 161;
- ☐ open the protective lid B fig. 162;

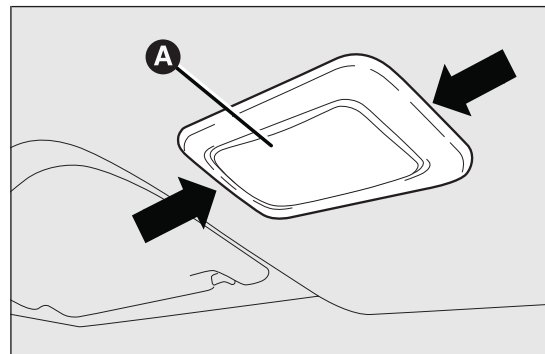


fig. 159

FOT0106

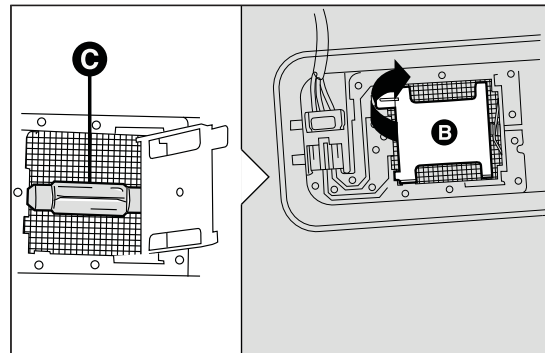


fig. 160

FOT0458

- ❑ replace the bulbs C releasing them from the side contacts and making sure that the new bulbs are correctly secured between the contacts;
- ❑ re-close the lid B fig. 162 and secure light A fig. 161 into its housing locking it properly.

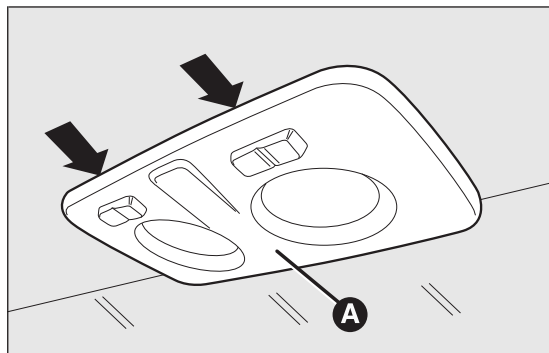


fig. 161

F0T0143

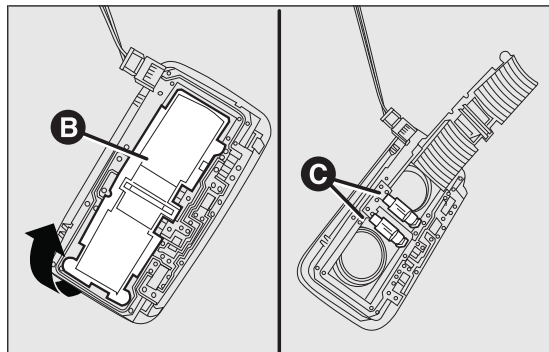


fig. 162

F0T0144

REAR CEILING LIGHT

To change the bulb, proceed as follows:

- ❑ extract the ceiling light A fig. 163 by operating in the points shown by the arrows;
- ❑ open the lid B fig. 164 as shown;
- ❑ remove bulb C fig. 164 by releasing it from the side contacts, then insert the new bulb and make sure it is correctly clamped between these contacts;
- ❑ close the lid B and secure the ceiling light into its housing, making sure it locks properly into place.

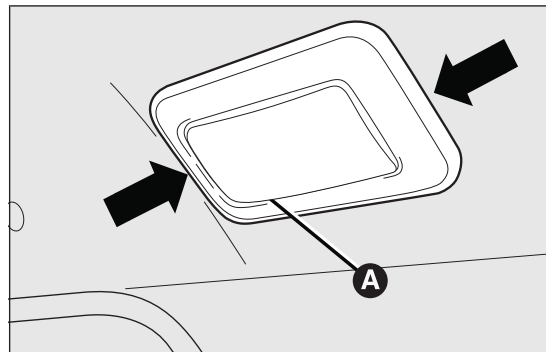


fig. 163

F0T0107

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REMOVABLE CEILING LIGHT

(for versions/markets, where provided)

To change the bulb, proceed as follows:

- ❑ press button A fig. 165 and extract the removable ceiling light B;
- ❑ extract the ceiling light by operating in the points shown by the arrows;
- ❑ change the bulb C fig. 166 by releasing it from the side contacts and making sure the new bulb is correctly fastened between these contacts;

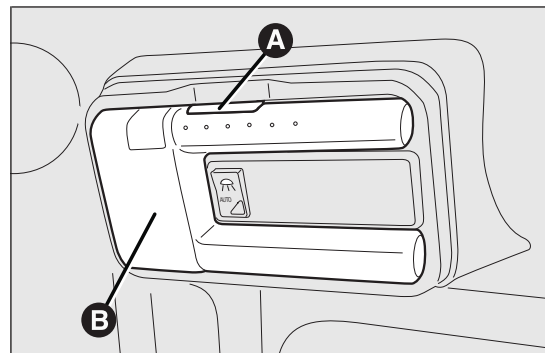


fig. 165

F0T0108

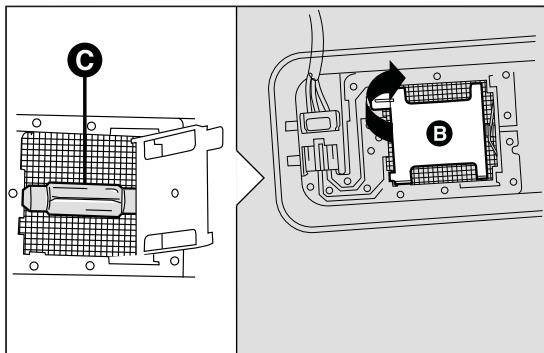


fig. 164

F0T0458

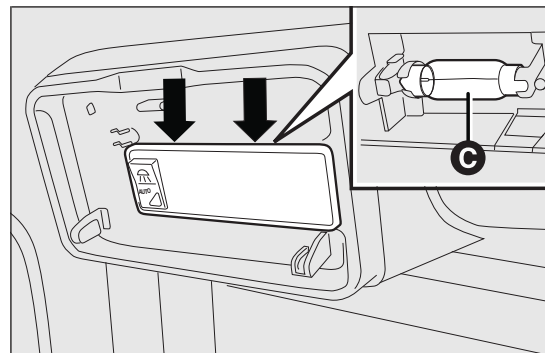


fig. 166

F0T0109

BOOT LIGHT

To change the bulb, proceed as follows:

- ❑ open the tailgate;
- ❑ remove the light A fig. 167 levering in the point shown by the arrow;
- ❑ open the protection B and replace the snap-fitted bulb;
- ❑ re-close the protective cover B on the lens;
- ❑ refit the light A by inserting it in its correct position firstly on one side and then on the other until it clicks into place.

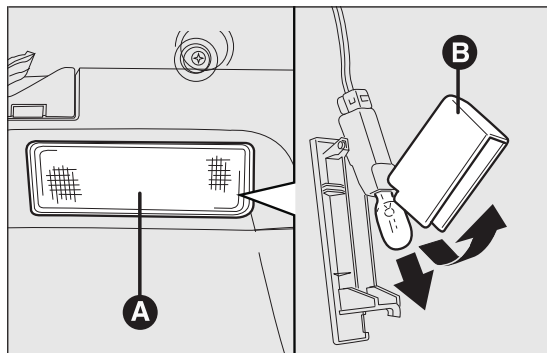


fig. 167

F0T025 I

REPLACING A FUSE

INTRODUCTION

Fuses protect the electrical system: they cut in (i.e. they blow) in the event of a fault or improper action on the system.

Check the state of the corresponding fuse when a device does not work: the filament A fig. 168 should be intact.

If it is not, replace the blown fuse with a new one of the same amperage (same colour).

B intact fuse.

C fuse with damaged filament.

To change a fuse, use the tongs D located in the tool bag or the Fix & Go container (for versions/markets, where provided).

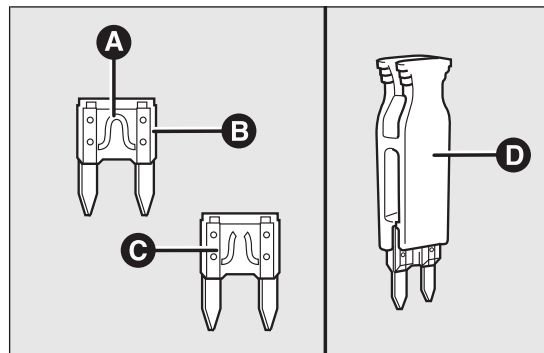


fig. 168

F0T0015

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WARNING

If a fuse blows again, contact a Fiat Dealership.



Never replace a blown fuse with metallic wires or other material.



WARNING

Never replace a fuse with another having higher amperage; FIRE HAZARD.



WARNING

If a general protection fuse (MEGA-FUSE, MIDI-FUSE) is activated, contact a Fiat Dealership.



WARNING

Remove the key from the ignition and switch off or disable all devices before replacing a fuse.



WARNING

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

To identify the protective fuse, see the tables on the following pages.

ENGINE BAY FUSE BOX

The fuse box is on the right-hand side of the engine.

Removing the fuse box cover

Proceed as follows:

- ☐ remove protective lid A fig. 169 from the positive battery terminal by lifting it upwards;

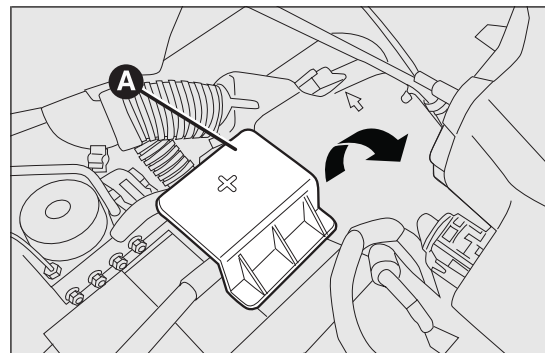


fig. 169

F0T0171

- ❑ press the tab A fig. 170 and remove the fuse box protective lid B;
- ❑ move the lid towards the headlight, turning it anticlockwise (as shown by the arrow) and then remove it fig. 171;
- ❑ the fuse box can be accessed in this manner fig. 173.



If you need to clean the engine compartment, take care not to direct the jet of water specifically onto the engine compartment wired casing.

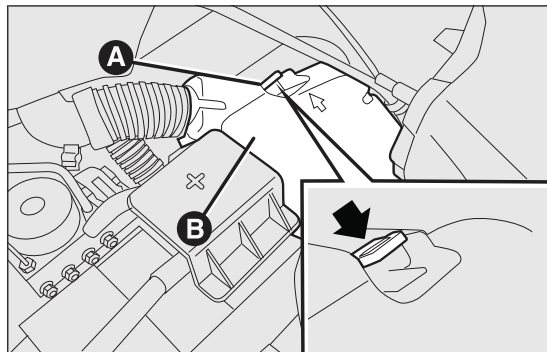


fig. 170

F0T0172

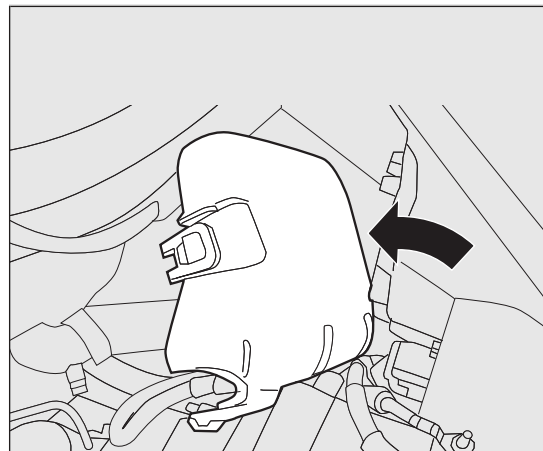
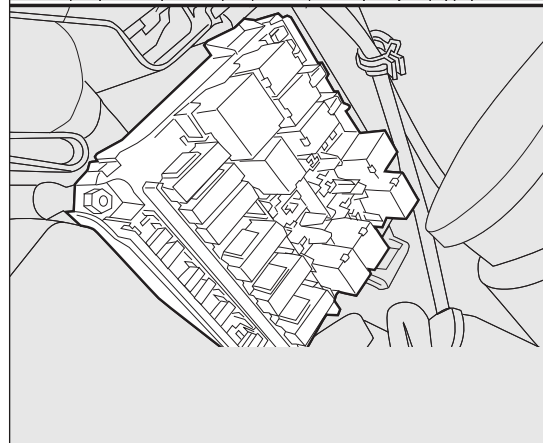


fig. 171

F0T0173



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Refitting the fuse box cover

To refit the cover proceed as follows:

- ❑ insert the two tabs A fig. 172 in the respective seats located on the fuse box;
- ❑ refasten the tab B in the corresponding seat until it clicks.

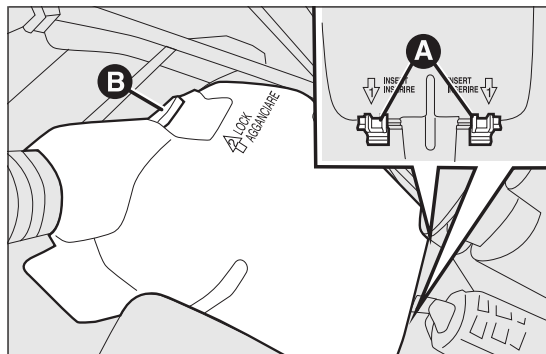


fig. 172

F0T0174

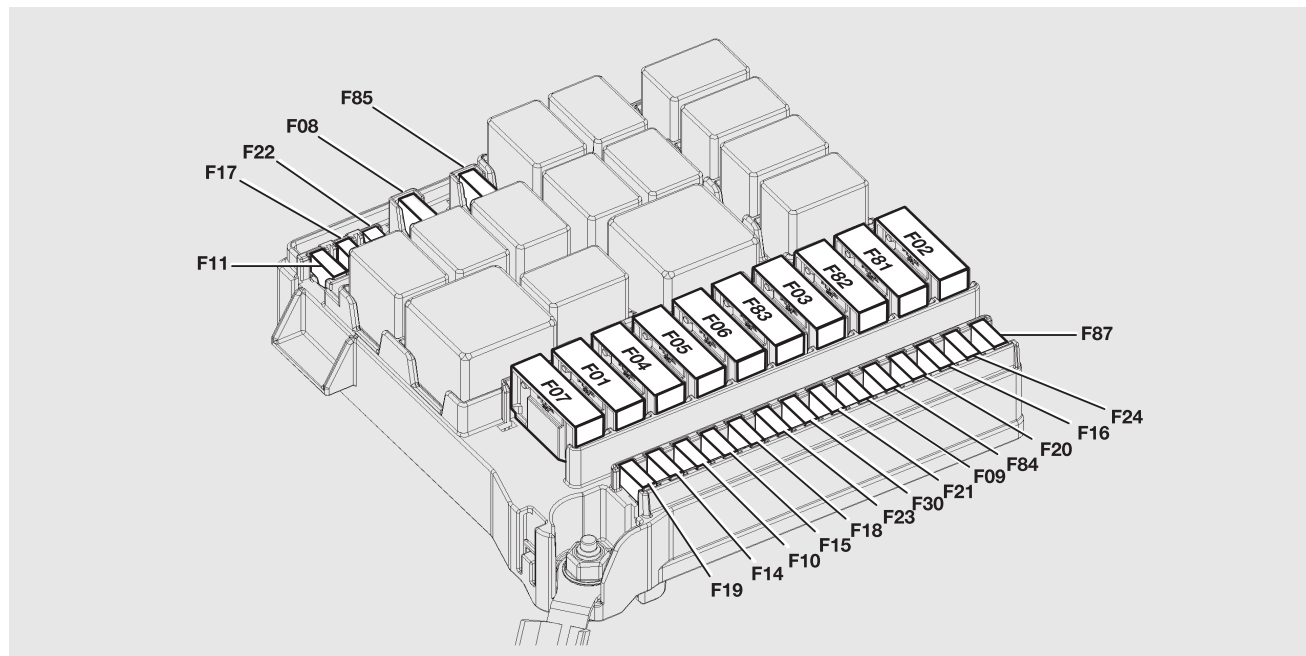


fig. 173

FOT0181

PROTECTED DEVICE - fig. 173

	FUSE	AMPS
Spare (trailer kit)	F09	15
Methane system solenoid valves (CNG)	F09	10
Horns	F10	10
Main beam headlights	F14	15
Rear power socket	F15	15

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PROTECTED DEVICE - fig. 173

Air conditioner compressor

Heated rear window, mirror defrosters

Fuel pump

Fog lights

Cigar lighter/Passenger compartment socket/Heated seats

+15 reverse lights/air flow meter/water in fuel sensor/relay coils T02, T05, T14, T17 and T19 (1.4 versions)

IBS battery charge sensor for Start&Stop system (1.3 Multijet with Start&Stop)

FUSE

AMPS

F19

7.5

F20

30

F21

15

F08

15

F85

30

F87

7,5

F87

5

PASSENGER COMPARTMENT FUSE BOX

To access the fuses under the two screws A fig. 174 using the metallic insert of the ignition key then remove the flap B.

The fuses are located in the two fuse boxes shown in fig. 175.

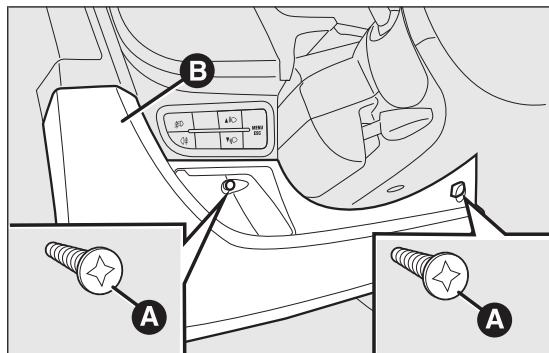


fig. 174

F0T0178

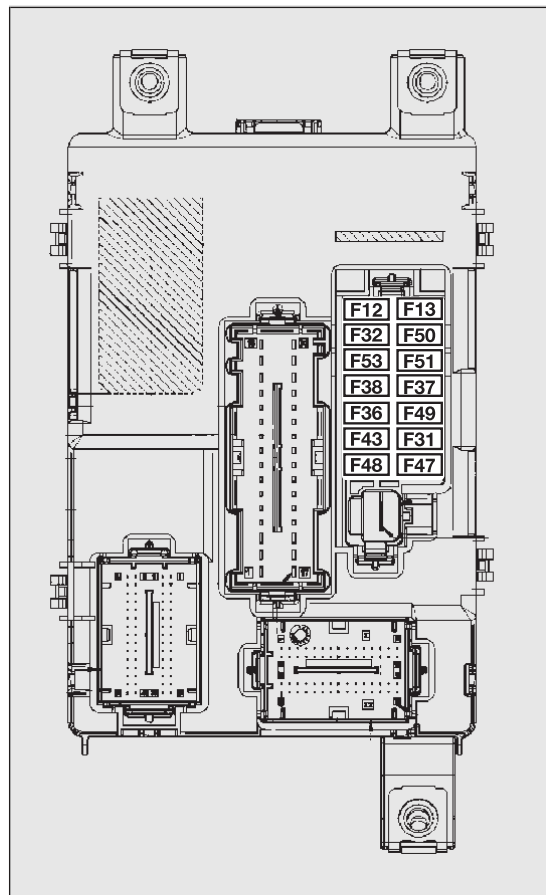


fig. 175

F0T0183

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	PROTECTED DEVICE - fig. 175	FUSE	AMPS
KNOWING YOUR VEHICLE	Dipped headlight (passenger side)	F12 (*)	7,5
	Dipped headlight (driver side)/Headlight alignment corrector	F13	7,5 / 5 (*)
SAFETY	INT/A SCM relay coils	F31	5
	Timed interior lighting	F32 (*)	7,5
STARTING AND DRIVING	Radio Bluetooth ɸ system node/Blue&Me™ node/EOBD diagnostic socket/ Volumetric alarm ECU/Alarm siren ECU	F36	10
	Instrument panel node/Stop light control (NO)	F37	5
	Door/luggage compartment lock actuators (*)	F38	20
WARNING LIGHTS AND MESSAGES	Windshield washer/rear window washer bidirectional pump	F43	15
	Front electric window (driver side) (*)	F47	20
	Front electric window (passenger side) (*)	F48	20
IN AN EMERGENCY	Control lights/Parking sensors ECU/Electric wing mirrors/Volumetric alarm ECU	F49	5
SERVICING AND CARE	INT Radio node/Bluetooth ɸ system ECU/Blue&Me™ node/Electric wing mirrors movement/Clutch switch/ Brake light control (NC)	F51	7.5
	Instrument panel node	F53	5
TECHNICAL DATA	External mirror defrosters	F41	7.5
	Spare	F45	-
	Spare	F46	-
INDEX	Spare	F90	-
	(*)For versions/markets, where provided		

PROTECTED DEVICE - fig. 175

	FUSE	AMPS
Spare	F91	-
Spare	F92	-
Spare	F93	-
Cigar lighter/Passenger compartment power socket	F94	15
Spare	F95	-
Cigar lighter/Passenger compartment power socket	F96	15
Front seat heater (driver side)	F97	10
Front seat heater (passenger side)	F98	10

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RECHARGING THE BATTERY

IMPORTANT The battery recharging procedure is provided for information purposes only. You are recommended to go to a Fiat Dealership to have this operation performed.

We recommend recharging the battery slowly for approximately 24 hours at low amperage. A prolonged recharge might damage the battery.

Charge the battery as follows:

without Start&Stop system:

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

with Start&Stop system: fig. 176

- ☐ disconnect the quick release negative terminal A from the dummy negative terminal B; this is because a battery status monitoring sensor D is fitted on the negative battery terminal C and should never be disconnected except for when the battery is actually replaced;
- ☐ connect the positive cable of the charger to the positive pole E of the battery and the negative cable to the dummy negative terminal B;
- ☐ turn on the charger;
- ☐ when you have recharged, turn the charger off before disconnecting it from the battery;
- ☐ after disconnecting the charger, reconnect the negative quick release negative terminal A from the dummy pole B.

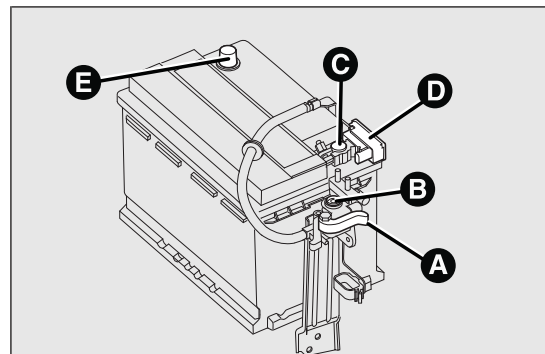


fig. 176

F0T0441

with Start&Stop (RADSOX) system: fig. 177

- ❑ disconnect the connector A (by pressing button B) from IBS sensor C for monitoring the status of the battery installed on the negative pole D of the battery itself;
- ❑ connect the positive cable to the positive battery terminal E and the negative terminal to the IBS sensor F as shown in fig. 177;
- ❑ turn on the charger;
- ❑ switch the charger off after recharging;
- ❑ after having disconnected the charger, reconnect connector A to IBS sensor C as shown in fig. 177.

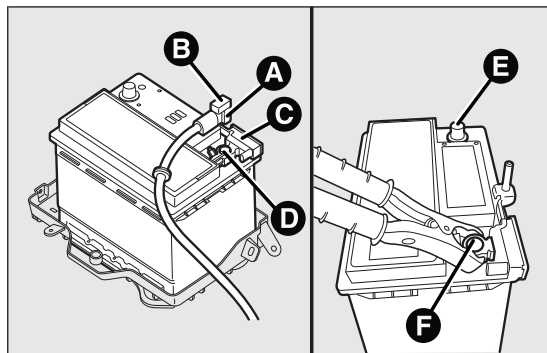


fig. 177

F0T0442



WARNING

Battery fluid is poisonous and corrosive: avoid contact with your skin and eyes. The battery must be recharged in a ventilated place away from naked flames or possible sources of sparks to avoid the risk of explosion and fire.



WARNING

Do not try to recharge a frozen battery; defrost it first to prevent the risk of explosion. 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 could cause poisonous, corrosive acid to leak.

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LIFTING THE VEHICLE

If the vehicle needs to be lifted, go to a Fiat Dealership which is equipped with the arm hoist or workshop lift.

TOWING THE VEHICLE

The tow ring provided with the vehicle is located in the tool box in the boot.

COUPLING THE TOW RING

Proceed as follows:

- ☐ release the cap A fig. 178fig. 179;
- ☐ take the tow hook B fig. 178fig. 179 from the tool bag;
- ☐ fully tighten the ring on the threaded front or rear pin.

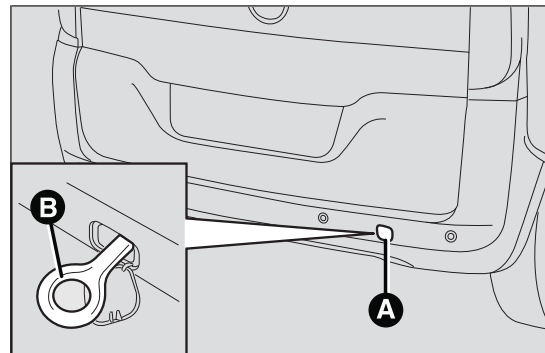


fig. 178

F0T0420



WARNING

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



WARNING

Before tightening the hook clean the threaded housing thoroughly. Before towing the vehicle, make sure that the tow ring is fully tightened in its appropriate housing.



WARNING

Do not start the engine whilst the vehicle is being towed.



WARNING

Remember that the brake booster will not work while the vehicle is being towed and that more pressure must be applied to the pedal. Do not use bendy cables for towing and avoid jerking. During towing operations, make sure that the fastened joint does not damage adjoining components. When towing the vehicle, comply with the specific rules of the highway code regarding the towing device and road conduct. Do not start the engine whilst the vehicle is being towed.

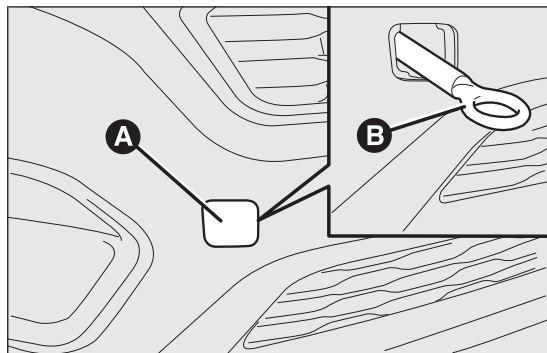


fig. 179

FOT0086

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The front and rear tow hooks should be used only for emergencies on the road. You are allowed to tow the car for short distances using an appropriate device in accordance with the highway code (a rigid bar), to move the vehicle on the road in readiness for towing or transporting via a breakdown vehicle. Tow hooks **MUST NOT** be used to tow vehicles off the road or where there are obstacles and/or for towing operations using cables or other non-rigid devices. Respecting the above conditions, towing must take place with the two vehicles (one towing, the other towed) aligned as much as possible along the same centre line.

SERVICING AND CARE

SCHEDULED SERVICING

Correct servicing is essential for ensuring long vehicle life under the best conditions.

This is why Fiat has planned a series of checks and services every 30,000/35,000 km.

It is, however, important to remember that scheduled servicing does not completely cover all the requirements of the vehicle: even in the initial period before 30,000/35,000 km, and then subsequently, between one service and another, ordinary care is always required such as routine checks involving topping up fluid levels, checking tyre pressures etc.

IMPORTANT The Scheduled Servicing coupons are set out by the Manufacturer. Failure to comply with the schedule may invalidate the warranty.

Scheduled Servicing is performed by all Fiat Dealerships, at pre-established times.

If, during any service, the need arises for additional replacements or repairs, these may be carried out only with the explicit agreement of the Customer.

IMPORTANT It is advisable to inform a Fiat Dealership of any small operating irregularities without waiting for the next service.

The interval between scheduled services must be reduced if your vehicle is used frequently for towing trailers.

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SCHEDULED SERVICING PLAN

PETROL EURO 6 VERSIONS

The checks listed in the Scheduled Servicing Plan, after reaching 180,000 km/12 years, must be cyclically repeated starting from the first interval, thus following the same intervals as before.

Thousands of kilometres	30	60	90	120	150	180
Years	2	4	6	8	10	12
Check battery charge status and possibly recharge	•	•	•	•	•	•
Check tyre condition/wear and adjust pressure, if necessary; check the condition/expiry date of the “Fix&Go Automatic” repair kit (for versions/markets, where provided)	•	•	•	•	•	•
Check operation of lighting system (headlamps, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	•	•	•	•	•	•
Check and, if necessary, top up fluid levels (I)	•	•	•	•	•	•
Check exhaust emissions/smokiness	•	•	•	•	•	•
Use the diagnosis socket to check supply/engine management system operation, emissions and, for versions/markets, where provided, engine oil degradation	•	•	•	•	•	•
Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust - fuel system - brakes), rubber elements (boots, sleeves, bushes, etc.)	•	•	•	•	•	•
Check windscreen/rear window wiper blade position/wear (where provided)	•	•	•	•	•	•

(I) Always only use the liquids shown in the handbook for topping up after having checked that the system is not damaged.

Thousands of kilometres	30	60	90	120	150	180
Years	2	4	6	8	10	12
Check operation of windscreen washer/wiper, adjust jets	•	•	•	•	•	•
Check cleanliness of bonnet locks, and cleanliness and lubrication of linkages	•	•	•	•	•	•
Check cleanliness of sliding side door lower guides (or every 6 months)	•	•	•	•	•	•
Check handbrake lever travel and adjust, if necessary	•	•	•	•	•	•
Check and adjust clutch pedal, if required	•	•	•	•	•	•
Check condition and wear of front disc brake pads and operation of pad wear indicator	•	•	•	•	•	•
Check rear drum brake lining condition and wear		•		•		•
Visually inspect condition of the accessory drive belt(s)		•				•
Check tension of accessory drive belt (versions without automatic tensioner) (or every 2 years)	•				•	
Change engine oil and replace oil filter (2)	•	•	•	•	•	•
Spark plug replacement	•	•	•	•	•	•

(2) If the car's annual mileage is less than 10,000 km, the engine oil and filter must be replaced every 12 months. If the car is used in dusty areas, it is recommended to change the engine oil and filter every 12 months.

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Thousands of kilometres

30 60 90 120 150 180

Years

2 4 6 8 10 12

Replace the toothed timing drive belt

(3)

Replace accessory drive belt/s

(3)

Replace air cleaner cartridge (4)

•

•

•

•

•

•

Change the brake fluid

(5)

Replace the passenger compartment cleaner (4)

•

•

•

•

•

•

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

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

(5) The brake fluid replacement has to be done every two years, irrespective of the mileage.

DIESEL EURO 6 VERSIONS

The checks listed in the Scheduled Servicing Plan, after reaching 175,000 km/10 years, must be cyclically repeated starting from the first interval, thus following the same intervals as before.

Thousands of kilometres	35	70	105	140	175
Years	2	4	6	8	10
Check battery charge status and possibly recharge	•	•	•	•	•
Check tyre condition/wear and adjust pressure, if necessary; check the condition/expiry date of the “Fix&Go Automatic” repair kit (for versions/markets, where provided)	•	•	•	•	•
Check operation of lighting system (headlamps, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	•	•	•	•	•
Check and, if necessary, top up fluid levels (1)	•	•	•	•	•
Check exhaust emissions/smokiness	•	•	•	•	•
Use the diagnosis socket to check supply/engine management system operation, emissions and, for versions/markets, where provided, engine oil degradation	•	•	•	•	•
Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust - fuel system - brakes), rubber elements (boots, sleeves, bushes, etc.)	•	•	•	•	•
Check the position/wear of the windscreen/rear window wiper blades (where provided)	•	•	•	•	•
Check operation of windscreen washer/wiper, adjust jets	•	•	•	•	•
Check cleanliness of bonnet locks, and cleanliness and lubrication of linkages	•	•	•	•	•

(1) Always only use the liquids shown in the handbook for topping up after having checked that the system is not damaged.

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	Thousands of kilometres	35	70	105	140	175
KNOWING YOUR VEHICLE	Years	2	4	6	8	10
	Check cleanliness of sliding side door lower guides (or every 6 months)	•	•	•	•	•
SAFETY	Check handbrake lever travel and adjust, if necessary	•	•	•	•	•
	Check condition and wear of front disc brake pads and operation of pad wear indicator	•	•	•	•	•
STARTING AND DRIVING	Check rear drum brake lining condition and wear		•		•	
	Visually inspect condition of the accessory drive belt(s)		•			•
	Check mechanical gearbox fluid				•	
WARNING LIGHTS AND MESSAGES	Change engine oil and replace oil filter (versions with DPF)	(2)				
	Replace accessory drive belt/s	(3)				
IN AN EMERGENCY	Replace fuel filter cartridge (4)		•		•	
	Replace air cleaner cartridge	•	•	•	•	•
	Change the brake fluid	(5)				
SERVICING AND CARE	Replace the passenger compartment cleaner	•	•	•	•	•
	(2) The actual interval for changing the engine oil and replacing the engine oil filter depends on the vehicle usage conditions and is signalled by the warning light or message (if present) in the instrument panel (see chapter "Warning lights and messages"). In any case, it must never exceed 24 months. Change engine oil and filter every 12 months if the vehicle is driven mainly in towns.					
TECHNICAL DATA	(3) Areas that are not dusty: recommended maximum mileage 120,000 km. The belt must be replaced every 6 years, regardless of distance travelled. Dusty areas and/or demanding use of the car (cold climates, town use, long periods of idling): advised maximum mileage 60,000 km. The belt must be replaced every 4 years, regardless of distance travelled.					
	(4) If the vehicle runs on fuel with quality below the relevant European specification, this filter must be replaced every 35,000 km					
	(5) The brake fluid replacement has to be done every two years, irrespective of the mileage.					
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REGULAR CHECKS

Every 1,000 km or before long journeys, check and, if necessary, top up the following:

- ☐ engine coolant level;
- ☐ brake fluid level;
- ☐ windscreen washer fluid level;
- ☐ tyre inflation pressure and condition;
- ☐ operation of lighting system (headlamps, direction indicators, hazard warning lights, etc.);
- ☐ operation of screen wash/wipe system and positioning/wear of windscreen/rear window wiper blades.

Check and top up, if required, the engine oil level every 3,000 km.

HEAVY USAGE OF THE VEHICLE

If the vehicle is used mainly under one of the following conditions:

- ☐ towing a trailer or caravan;
 - ☐ dusty roads;
 - ☐ short, repeated journeys (less than 7-8 km) at sub-zero outside temperatures;
 - ☐ engine often idling or driving long distances at low speeds or long periods of inactivity;
- the following checks must be carried out more often than indicated in the Scheduled Servicing Plan:
- ☐ check front disc brake pad condition and wear;
 - ☐ check cleanliness of bonnet and boot locks, cleanliness and lubrication of linkage;
 - ☐ visually inspect the conditions of: engine, gearbox, transmission, pipes and hoses (exhaust/fuel supply/brakes), rubber parts (boots/sleeves/bushes, etc.);
 - ☐ check battery charge and battery fluid level (electrolyte);
 - ☐ visually inspect condition of the auxiliary drive belts;
 - ☐ check and, if necessary, change engine oil and replace oil filter;
 - ☐ check and, if necessary, replace pollen filter;
 - ☐ check and, if necessary, replace air filter.

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CHECKING 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.

1.4 Euro 6 versions



WARNING

Never smoke while working in the engine compartment: inflammable gases and vapours may be present, constituting a fire risk.

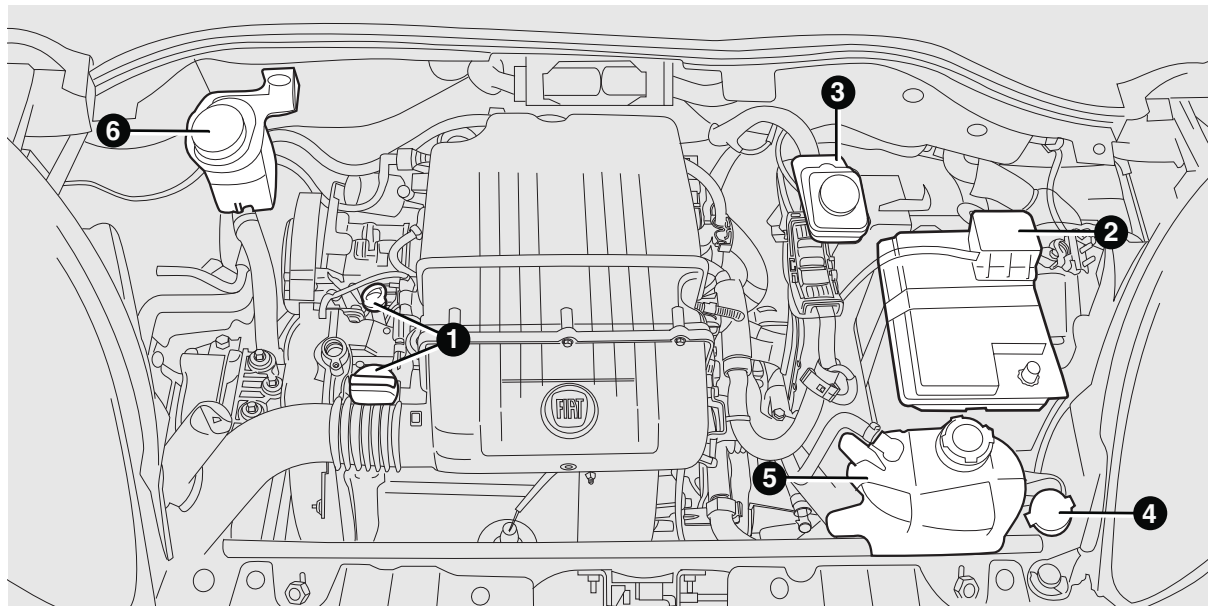


fig. 180

F0T0512

1. Engine oil 2. Battery 3. Brake fluid 4. Windscreen/rear window washer fluid 5. Engine coolant fluid 6. Power steering fluid

I.3 I6V Multijet Euro 6 versions

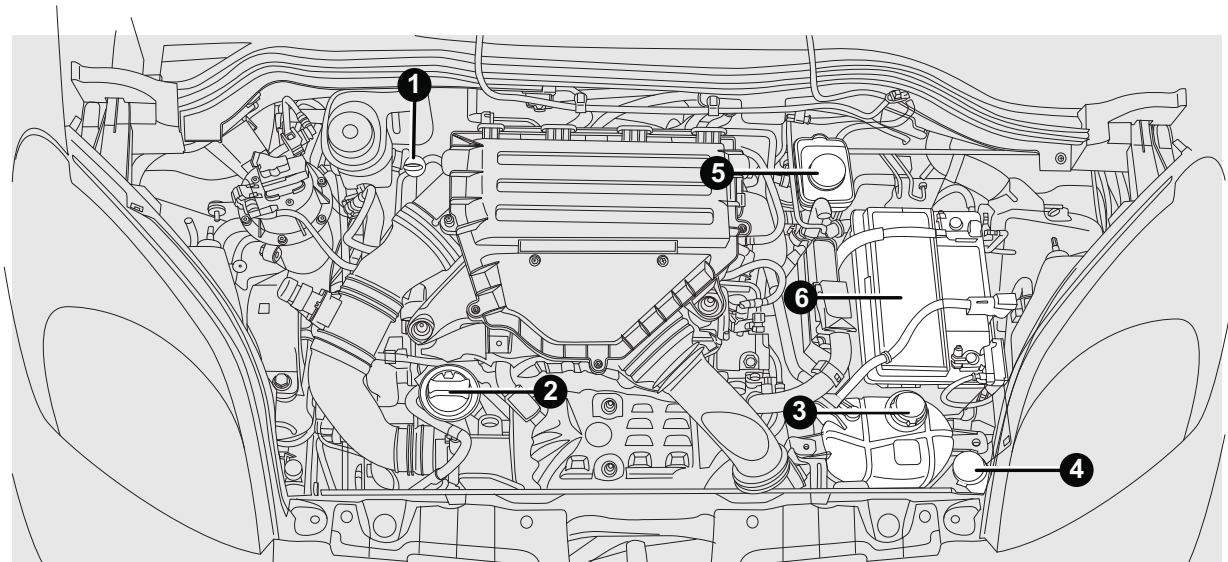


fig. 181

FOT0920

1. Engine oil dipstick 2. Engine oil cap/filler 3. Engine coolant fluid 4. Windscreen/rear window washing fluid 5. Brake fluid 6. Battery.

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ENGINE OIL

Engine oil level check

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

Take out the dipstick A fig. 182 - fig. 183, clean it and then fully reinsert it; take it out and check that the level is between the MIN and MAX marks on the dipstick. The interval between MIN and MAX marks corresponds to about 1 litre of oil.

Topping up the engine oil

If the level of the oil is close to or below the MIN mark, add oil via filler B fig. 183 until the MAX mark is reached.

The oil level must never exceed the MAX. mark.

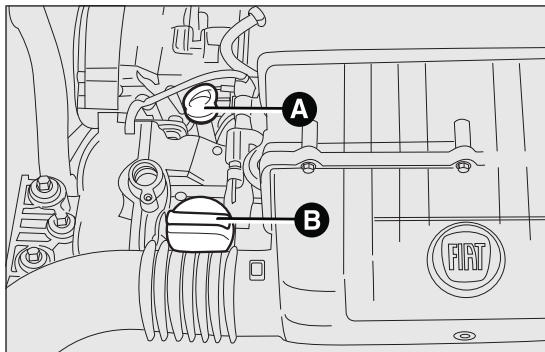


fig. 182 - 1.4 Euro 6 versions

FOT0513

IMPORTANT If the engine oil level after the check is over the MAX level, go to a Fiat Dealership to have the correct level restored.

IMPORTANT After adding or changing the oil, let the engine turn over for a few seconds and wait a few minutes after turning it off before you check the level.

Engine oil consumption

The maximum engine oil consumption is usually 400 grams every 1000 km.

When the vehicle is new, the engine needs to be run in, therefore the engine oil consumption can only be considered stabilised after the first 5,000–6,000 km.

IMPORTANT The oil consumption depends on driving style and the conditions under which the vehicle is used.

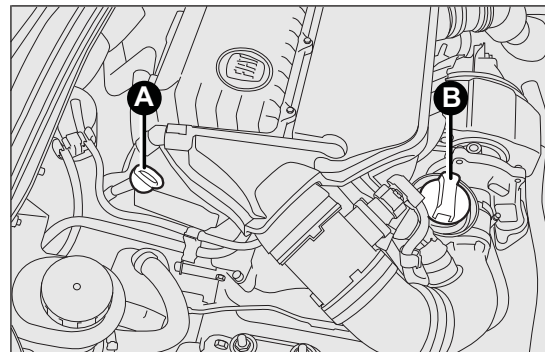


fig. 183 - 1.3 Multijet Euro 6 versions

FOT0437

IMPORTANT Always top up using engine oil of the same specifications as that already in the engine.



WARNING

Be very careful working in the engine compartment when the engine is hot: you may get burned. Remember that the fan may start up if the engine is hot: this could injure you. Scarves, ties and other loose clothing might be pulled by moving parts.



Used engine oil and replaced oil filters contain substances which are harmful to the environment. To change oil and filters, we advise you to contact a Fiat Dealership.

ENGINE COOLANT

The coolant level should be checked when the engine is cold and should be between the MIN and MAX lines on the vessel.

If the level is low, pour into the vessel through cap A fig. 184 a 50% mixture of demineralised water and PETRONAS LUBRICANTS PARAFLUUP.

The mixture of 50% PARAFLUUP and 50% distilled water protects against freezing down to temperatures of -35°C. For particularly harsh climate conditions, we recommended using a mixture of 60% PARAFLUUP and 40% distilled water.

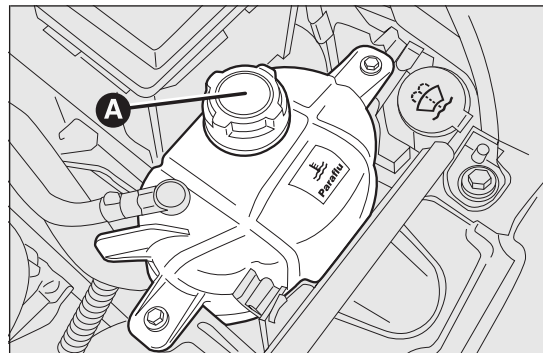


fig. 184

F0T0078

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**WARNING**

Do not remove the reservoir cap when the engine is very hot as there is a risk of scalding. The cooling system is pressurised. If the cap needs replacing, do so with another original or the effectiveness of the system may be compromised.



PARAFUUP anti-freeze fluid is used in the cooling system. Use fluid of the same type as that contained in the cooling system for any top-ups. PARAFU UP cannot be mixed with any other type of fluid. If this occurs, do not start the engine and contact your Fiat Dealership immediately.

WINDSCREEN/REAR WINDOW WASHING FLUID

To add fluid lift the cap A fig. 185 and pour in a mixture of water and TUTELA PROFESSIONAL SC 35 fluid, in the following proportions:

- ❑ 30% of TUTELA PROFESSIONAL SC 35 and 70% water in summer
- ❑ 50% TUTELA PROFESSIONAL SC 35 and 50% water in winter.

At temperatures below -20°C, use undiluted TUTELA PROFESSIONAL SC 35 fluid.

Check fluid level through the reservoir.

**WARNING**

Do not travel if the windscreen washer reservoir is empty: using the windscreen washer is essential for improving visibility.

**WARNING**

Some commercial windscreen washer additives are flammable. The engine compartment contains hot parts which could start a fire if they come into contact.

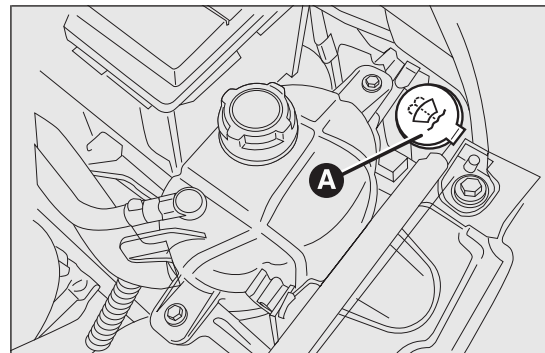


fig. 185

F0T0079

BRAKE FLUID

Undo the cap A fig. 186 and check that the liquid contained in the reservoir is at the maximum level. The fluid level in the reservoir must not exceed the MAX mark.

Use the brake fluid shown in the "Fluids and lubricants" table (see "Technical Specifications"). When opening the cap A, make sure that no dirt gets into the reservoir.

For topping-up, always use a funnel with integrated filter with mesh equal to or lower than 0.12 mm.

IMPORTANT Brake fluid absorbs moisture. For this reason, if the vehicle is mainly used in areas with a high degree of atmospheric humidity, the fluid should be replaced at more frequent intervals than specified in the "Scheduled Servicing Plan".

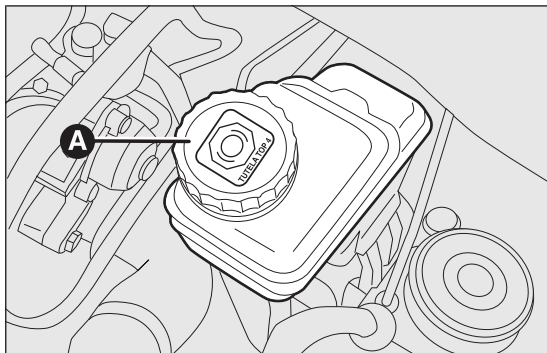


fig. 186

F0T0080



Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should it happen, immediately wash with water.



WARNING

Brake fluid is poisonous and highly corrosive. In the event of accidental contact, immediately wash the affected parts with water and mild soap. Then rinse thoroughly. Call a doctor immediately if swallowed.



WARNING

The symbol , on the brake fluid container indicates if a brake fluid is synthetic or mineral-based. Use of mineral type fluids will damage the special rubber seals of the braking system beyond repair.

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POWER STEERING FLUID

Loose the cap A fig. 187: check that the fluid in the reservoir is included between the MIN and MAX on the reservoir.

The level may exceed the MAX mark when the oil is hot. If topping up is required, make sure the oil you use has the same specifications as that already in the system.



WARNING

Prevent power steering fluid from coming into contact with hot engine parts: it is flammable.



Power steering fluid consumption is extremely low; if another top-up is required after only a short period of time, have the system checked for leaks at a Fiat Dealership.

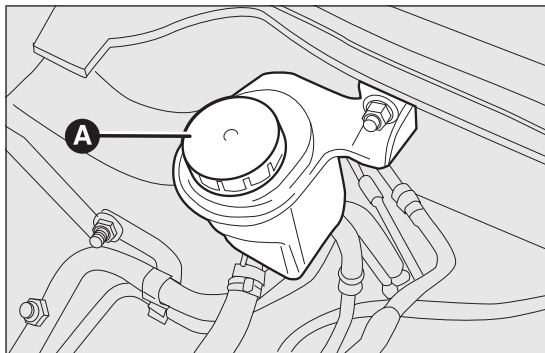


fig. 187

F0T0081

AIR CLEANER/ POLLEN FILTER

Have the air cleaner or the pollen filter replaced by a Fiat Dealership.

BATTERY

The battery is of the “limited maintenance” type: under normal conditions of use, the electrolyte does not need topping up with distilled water.

It does, however, need to be checked regularly at a Fiat Dealership or by specialist personnel to make sure it is working properly.



WARNING

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



WARNING

Running the battery with an excessively low liquid level will damage the battery beyond repair and even cause an explosion.

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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.



Incorrect assembly of electric and electronic devices may cause severe damage to your vehicle. Go to a Fiat Dealership if you want to install accessories (alarms, mobile phone, etc.): they will suggest the most suitable devices and advise you if a higher capacity battery needs to be installed.



Batteries contain substances that are very harmful to the environment. You are recommended to go to a Fiat Dealership to have the battery replaced where the old battery will be disposed of respecting both the environment and the laws in force.



If the vehicle needs to be off the road for a long period under conditions of intense cold, remove the battery and take it to a heated place, otherwise it may freeze.



WARNING

When performing any operation on the battery or near it, always protect your eyes with the special goggles.

USEFUL ADVICE FOR EXTENDING THE LIFE OF YOUR BATTERY

To avoid draining your battery and make it last longer, follow these instructions closely:

- ☐ when you park the vehicle, ensure the doors, boot and bonnet are closed properly so that the ceiling lights do not stay on;
- ☐ turn off the ceiling lights, although the car does have an automatic system for switching off internal lights;
- ☐ do not keep accessories (e.g. sound system, hazard lights, etc.) switched on for a long time when the engine is not running;
- ☐ before performing any operation on the electrical system, disconnect the battery negative cable;
- ☐ make sure that battery terminals are always be perfectly tight.

IMPORTANT If the battery remains with the charge below 50% for a long time it becomes damaged through sulphation and its starting capacity is reduced.

The battery is also more prone to the risk of freezing (at temperatures as high as -10°C).

Refer to the paragraph "Vehicle inactivity" in "Starting and driving" if the vehicle is left parked for a long time.

If, after buying the vehicle, you want to install electric accessories which require permanent electric supply (alarm, etc.) contact the Fiat Dealership whose qualified personnel, in addition to suggesting the most suitable devices, will evaluate the overall electric absorption, checking whether the vehicle electric system is capable of withstanding the load required, or whether it should be integrated with a more powerful battery.

Since these devices continue to use electricity even when the engine is off, they gradually run down the battery.

WHEELS AND TYRES

Check the pressure of each tyre, including the spare, every two weeks and before long journeys. The pressure should be checked with the tyre rested and cold.

It is normal for the pressure to increase when the vehicle is used; for the correct tyre inflation pressure, see the "Wheels" paragraph in the "Technical specifications" chapter.

Incorrect pressure causes abnormal tyre wear fig. 188:

- A** normal pressure: tread evenly worn.
- B** low pressure: tread particularly worn at the edges.
- C** high pressure: tread particularly worn in the centre.

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

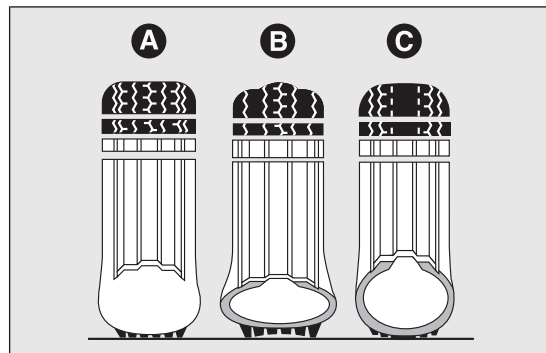


fig. 188

FOT0013

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IMPORTANT

- ❑ As far as possible, avoid sharp braking, screech starts and violent shocks against pavements, potholes or other hard obstacles. Driving for long stretches over uneven roads can damage the tyres;
- ❑ periodically check that the tyres have no cuts in the side wall, abnormal swelling or irregular 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 spare wheel very carefully;
- ❑ in the case of replacement, always fit new tyres, avoiding those of dubious 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 vehicle so as not to reverse the direction of rotation.

**WARNING**

Remember that the road holding qualities of your vehicle also depend on the correct inflation pressure of the tyres.

**WARNING**

If tyre pressure is too low, the tyre may overheat and be severely damaged as a result.

**WARNING**

Do not switch tyres from the right-hand side of the vehicle to the left-hand side, and vice versa.

**WARNING**

Do not repaint alloy wheel rims at temperatures higher than 150°C. The mechanical characteristics of the wheels might be compromised.

RUBBER LINES

Follow the requirements in “Scheduled Servicing Plan” in this section carefully for brake and fuel rubber lines.

Ozone, high temperatures and a prolonged lack of fluid in the system may cause hardening and cracking of the tubes, which could result in leaks. Careful inspections are therefore necessary.

WINDSCREEN/REAR WINDOW WIPERS

(for versions/markets, where provided)

BLADES

Regularly clean the rubber part using appropriate products; TUTELA PROFESSIONAL SC 35 is recommended.

Replace the blades if the rubber edge is misshapen or worn. In any event, it is advisable to replace them approximately once a year.

A few simple precautions can reduce the possibility of damage to the blades:

- ☐ make sure that the rubber part is not stuck to the windscreen at sub-zero temperatures. Use an antifreeze product to release it if required;
- ☐ remove any snow from the glass: in addition to protecting the blades, this prevents the electric motor from overheating;
- ☐ do not operate the windscreen and rear window wipers on dry glass.



WARNING

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

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Replacing the windscreen wiper blades

Proceed as follows:

- ☐ lift up the windscreen wiper arm and position the blade so that it forms a 90° angle with the arm;
- ☐ press tabs A fig. 189 and remove the blade from the arm;
- ☐ install the new blade by inserting the straps into the supplied housings of the arm. Make sure that the new blade is secured in position.

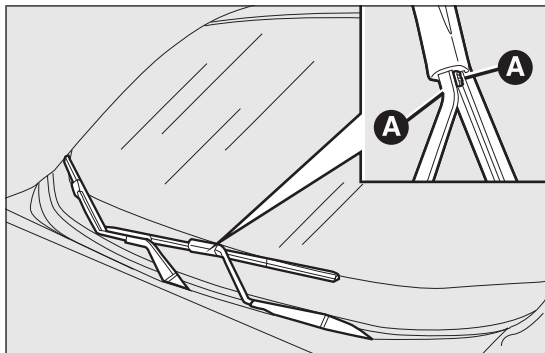


fig. 189

F0T0087

Replacing the rear window wiper blade

(for versions/markets, where provided) Proceed as follows:

- ☐ raise the cover A fig. 190 and remove the arm from the vehicle by loosening nut B that fastens it to the pivot pin;
- ☐ correctly position the new arm and tighten the nut fully;
- ☐ lower the cover.

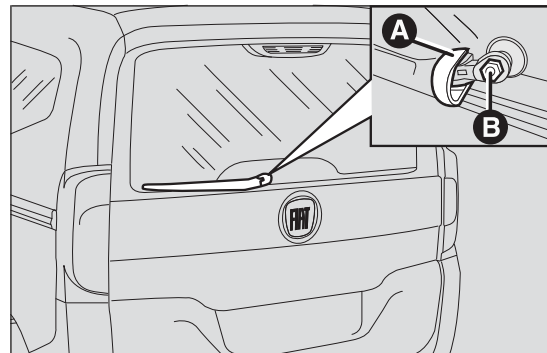


fig. 190

F0T0213

SPRAY NOZZLES

If the jet is not coming out, firstly check that there is fluid in the windscreen/rear window reservoir (for versions/markets where provided) (see “Checking levels” in this section).

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

Windscreen (washer)

The window washer jets are fixed. The nozzle holders are located under the bonnet (see fig. 191).

Rear window (washer)

The rear window washer jets are fixed. The nozzle holder is located above the rear window (see fig. 192).

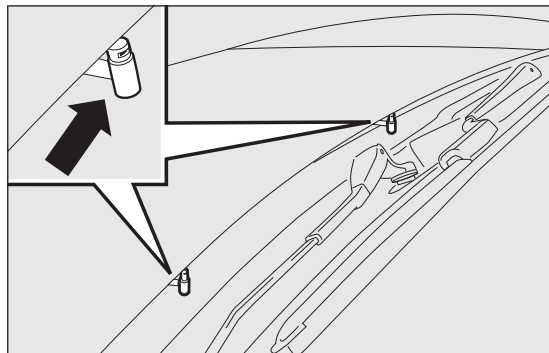


fig. 191

F0T0090

BODY

PROTECTION FROM ATMOSPHERIC ELEMENTS

The main causes of corrosion are the following:

- ☐ atmospheric pollution
- ☐ salty air and humidity (coastal areas, or hot humid climates)
- ☐ seasonal environment conditions.

The abrasive action of wind-borne atmospheric dust and sand, as well as mud and gravel raised by other cars is also not to be underestimated.

Fiat used the best manufacturing technologies on your vehicle to effectively protect the bodywork against corrosion.

These are the most important:

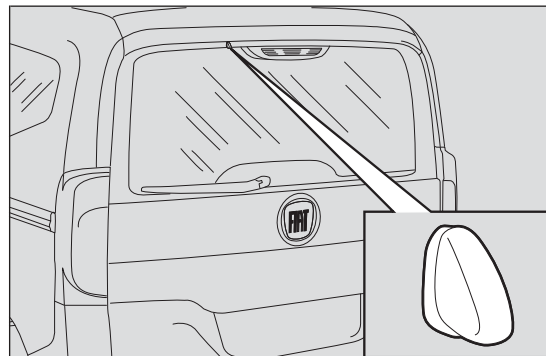


fig. 192

F0T0214

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- ☐ painting products and systems which give the vehicle particular resistance to corrosion and abrasion;
- ☐ use of galvanised (or pre-treated) steel sheets, with high resistance to corrosion;
- ☐ spraying the underbody, engine compartment, wheelhouse internal parts and other parts with highly protective wax products;
- ☐ spraying of plastic materials for protective purposes in the most exposed points: under the doors, inside the mudguard, along the edges, etc.
- ☐ use of “open” boxed sections to prevent condensation and pockets of moisture from triggering rust inside.

VEHICLE BODY AND UNDERBODY WARRANTY

Your vehicle is covered by warranty against perforation due to rust of any original element of the structure or body.

For the general terms of this warranty, refer to your Warranty Booklet.

ADVICE FOR PRESERVING THE BODYWORK

Paint

Paintwork does not only serve an aesthetic purpose, but also protects the underlying sheet metal.

Touch up abrasions and scratches immediately to prevent the formation of rust. Use only original paint products for touch-ups (see “Bodywork paint identification plate” in the “Technical specifications” section).

Normal care for paintwork consists of washing the car; how often depends on the conditions and environment where the car is used.

For example, it is advisable to wash the vehicle more often in areas with high atmospheric pollution or if you are travelling on roads sprinkled with salt.

To wash the vehicle properly, proceed as follows:

- ☐ wash the body using a low pressure jet of water;
- ☐ wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing with the sponge;
- ☐ rinse well with water and dry with a jet of air or a chamois leather.

If you put the vehicle through a car wash, follow these recommendations:

- ☐ remove the antenna from the roof so it does not get damaged;
- ☐ the car wash should use water added to a soapy solution;

- ❑ rinse thoroughly to avoid soap marks staying on the bodywork or less visible parts.



Some car washes with old-style blades and/or in a poor state of repair can damage the paintwork, facilitating the formation of lines that give the paint a dull/misty appearance, especially on dark colours. If this happens, lightly polish the paintwork with appropriate products.

Dry the less visible parts particularly carefully, such as the door frames, bonnet and the headlight frames, where water may stagnate more easily. It is a good idea to leave the vehicle outdoors for a while after washing it to give water time to evaporate.

Do not wash the vehicle after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork.

Exterior plastic parts should be cleaned in the same way as the rest of the vehicle. Where possible, do not park the vehicle under trees; the resinous substances released by many species give the paint a dull appearance and increase the possibility of rust.

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



Detergents cause water pollution. The vehicle should be washed in areas equipped for collecting and purifying the liquid used in the washing process.

Windows

Use specific detergents to clean the windows. Also use clean cloths to avoid scratching the glass or altering the transparency.

IMPORTANT Wipe the rear window gently with a cloth in the direction of the filaments to avoid damaging the heating device.

Engine compartment

At the end of each winter, thoroughly wash the engine compartment, taking care to avoid spraying the water jet directly onto the electronic control units and the relay/fuse box on the left side of the engine compartment (as you look from behind the wheel). Have this operation performed at a specialist garage.

IMPORTANT The washing should take place with the engine cold and the ignition key in the STOP position. After the wash, make sure that the various protective devices (e.g. rubber caps and guards) have not been removed or damaged.

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Front headlights

IMPORTANT Never use aromatic substances (e.g. petrol) or ketenes (e.g. acetone) for cleaning the plastic lenses of the front headlights.

INTERIORS

Check regularly that water is not trapped under the mats (from dripping off shoes, umbrellas, etc.) which could cause the metal to rust.



WARNING

Never use flammable products, such as petroleum ether or modified petrol, to clean the inside of the vehicle. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.



WARNING

Do not keep aerosol cans in the vehicle: these could explode. Aerosol cans must not be exposed to temperatures of more than 50°C. When the vehicle is exposed to sunlight, the temperature inside can greatly exceed this value.

SEATS AND FABRIC PARTS

Remove dust with a soft brush or a vacuum cleaner. It is advisable to use a damp brush on velvet upholstery.

Rub the seats with a sponge and a solution of water and mild soap.

PLASTIC PARTS

It is advisable to clean interior plastic parts with a damp cloth and a solution of water and non-abrasive mild soap. To remove grease and tough stains, use products designed specifically for cleaning plastics.

These have no solvents and have been designed so that they do not alter the appearance and colour of the components.

IMPORTANT Never use spirits or petroleum to clean the instrument panel glass.

REAL LEATHER STEERING WHEEL/GEAR LEVER KNOB/HANDBRAKE

(for versions/markets, where provided)

These components must be cleaned with mild soap and water only. Never use alcohol or alcohol-based products.

Read the product label carefully before using specific products for cleaning the interiors: make sure the product does not contain spirits or alcohol-based substances.

If, when cleaning the windscreen with special products, window cleaner accidentally drips onto the leather of the steering wheel/gear lever knob/hand brake, wipe away immediately and then wash the affected area with mild soap and water.

IMPORTANT Be careful when installing a steering wheel locking device not to damage the leather upholstery.

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IDENTIFICATION DATA

It is advisable to take note of the identification codes. Identification codes are printed and shown on the plates as indicated below, together with the positions fig. 193:

- ☐ VIN plate.
- ☐ Chassis marking.
- ☐ Bodywork paint identification plate.
- ☐ Engine marking.

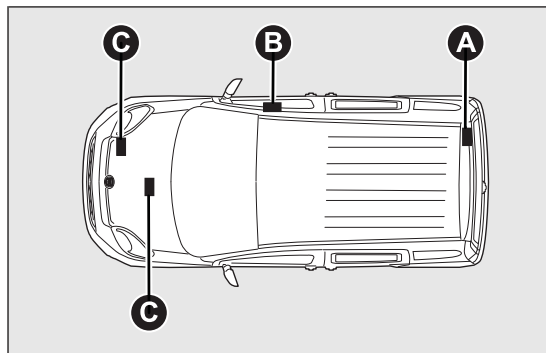


fig. 193

FOT0175

VEHICLE IDENTIFICATION NUMBER (VIN) PLATE

This is applied on the rear part of the vehicle and contains the following data fig. 194:

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

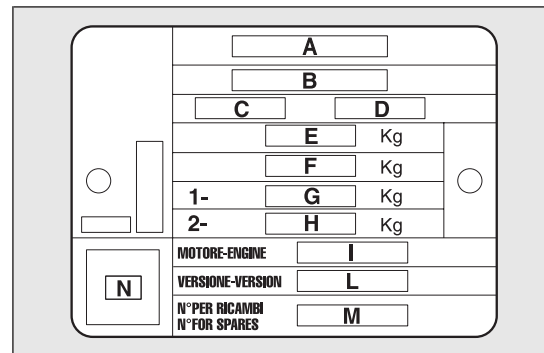


fig. 194

FOT001 I

L Bodywork version code.

M Spare part number.

N Correct value of smoke coefficient (for diesel engines)

CHASSIS MARKING

This is printed on the passenger compartment floor, near the right front seat.

Slide the hatch A fig. 195 forward to access.

The marking includes:

- ☐ type of vehicle;
- ☐ chassis serial number.

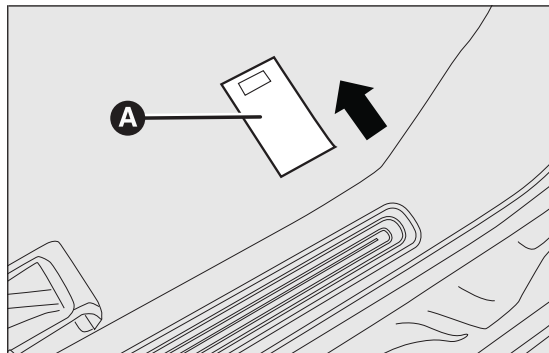


fig. 195

F0T0084

BODYWORK PAINT IDENTIFICATION PLATE

This plate is applied inside the bonnet and shows the following data fig. 196:

A Paint manufacturer.

B Colour name.

C Fiat colour code.

D Respray and touch up code.

ENGINE MARKING

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

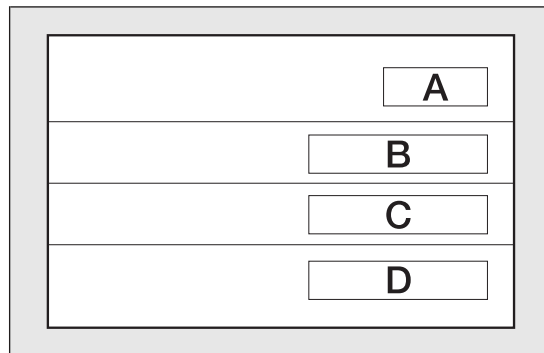


fig. 196

F0T0012

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ENGINE CODES - BODYWORK VERSION

Version	Engine code
I.4 Euro 6	350A1000
I.3 I6V Multijet 80HP Euro 6	225A2000
I.3 I6V Multijet 95 HP Euro 6	330A1000

The following body version code and key are an example that may be applied to all body version codes.

Example:

225 B XB IA AX

Key:

225 Model

B Bodywork

XB Engine

I Traction

A Transmission

AX Version

BODYWORK

A Qubo MI (5 seat)

C Qubo NI (4 seats)

ENGINES

XA I.4 petrol Euro 6

XG I.3 I6V Multijet 80HP Euro 6

XH I.3 I6V Multijet 95HP Euro 6

DRIVE

I Front

TRANSMISSION

A Manual gearbox

I Comfort/Dualogic gearbox

ENGINE

Introduction	1.4 Euro 6	1.3 16V Multijet 80HP Euro 6	1.3 16V Multijet 95HP Euro 6
Engine code	350A1000	225A2000	330A1000
Cycle	Otto	Diesel	Diesel
Number and position of cylinders	4 in line	4 in line	4 in line
Piston bore and stroke (mm)	72 × 84	69.6 × 82	69.6 × 82
Total displacement (cm ³)	1368	1248	1248
Compression ratio	11.1	16.8	16.8
Maximum power (EC) (kW)	57	59	70
Maximum power (EEC) (HP)	77	80	95
Corresponding engine speed (rpm)	6000	3750	3750
Maximum torque (EC) (Nm)	115	200	200
Maximum torque (EC) (kgm)	11.7	20.4	20.4
Corresponding engine speed (rpm)	3000	1500	1500
Spark plugs	NGK ZKR7A-10	HIDRIA 5011-721-431	HIDRIA 5011-721-431
Fuel	Unleaded petrol 95 R.O.N. (Specification EN590)	Diesel for motor vehicles (EN590 Specification)	Diesel for motor vehicles (EN590 Specification)

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POWER SUPPLY

Versions

Power supply

I.4 Euro 6

Multipoint sequential timed electronic injection, returnless system

I.3 I6V Multijet Euro 6

Electronically controlled Common Rail Multijet direct injection with turbocharger and intercooler



WARNING

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

TRANSMISSION

Versions	Transmission	Clutch	Traction
I.4 Euro 6	Five forward gears and reverse with synchronizers for forward gear engagement	Mechanical control (I.4 versions)/Hydraulic control (Multijet versions)	Front
I.3 I6V Multijet Euro 6			

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BRAKES

Versions	Front service brakes	Rear service brakes	Parking brake
I.4 Euro 6	disk	drum	controlled by hand lever, working on rear brakes
I.3 I6V Multijet 80 HP Euro 6			
I.3 I6V Multijet 95 HP Euro 6			

IMPORTANT Water, ice and salt spread on the roads may deposit on the brake discs reducing braking efficiency the first time the brakes are applied.

SUSPENSION

Versions

1.4 Euro 6

1.3 16V Multijet 80 HP Euro 6

1.3 16V Multijet 95 HP Euro 6

Front

independent wheel MacPherson type

Rear

torsion beam

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STEERING SYSTEM

Versions	Kerb-to-kerb turning circle (m)	Type
I.4 Euro 6	10.55	rack and pinion with hydraulic power steering (for versions/markets, where provided)
I.3 I6V Multijet 80 HP Euro 6		
I.3 I6V Multijet 95 HP Euro 6		

WHEELS

RIMS AND TYRES

Pressed steel or alloy rims. Tubeless radial carcass tyres. The logbook also contains all type-approved tyres.

IMPORTANT If there are any discrepancies between the Owner Handbook and the registration document, take the information from the latter.

Respect the prescribed size to ensure safety of the vehicle in movement. Fit tyres of the same make and type on all wheels.

IMPORTANT Do not use air chambers with tubeless tyres.

SPARE WHEEL

Pressed steel rim. Tubeless tyre.

WHEEL GEOMETRY

Front wheels toe-in measured between rims: -1 ± 1 mm.

The values refer to the vehicle in running order.

CORRECT READING OF THE TYRE

Example: 175/70 R 14 91 T (see fig. 197)

175 Rated width (S, distance in mm between the sides)

70 Height/width ratio (H/S) as a percentage

R Radial tyre

14 Rim diameter in inches ($\emptyset$)

91 Load index (capacity)

T Maximum speed index

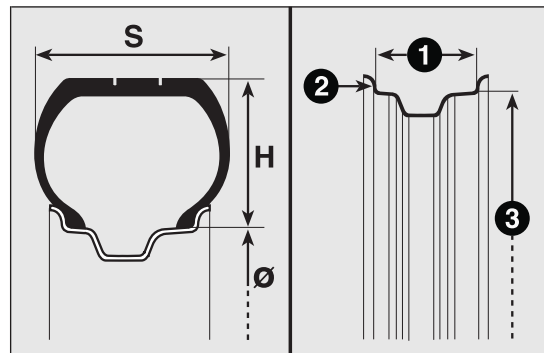


fig. 197

F0T0014

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Maximum speed index**Q** up to 160 km/h**R** up to 170 km/h**S** up to 180 km/h**T** up to 190 km/h**U** up to 200 km/h**H** up to 210 km/h**V** up to 240 km/h**W** up to 270 km/h**Y** up to 300 km/h**Maximum speed index for snow tyres****QM + S** up to 160 km/h**TM + S** up to 190 km/h**HM + S** up to 210 km/h**Load index (capacity)****Load index (capacity)**

60 = 250 kg

84 = 500 kg

61 = 257 kg

85 = 515 kg

62 = 265 kg

86 = 530 kg

63 = 272 kg

87 = 545 kg

64 = 280 kg

88 = 560 kg

65 = 290 kg

89 = 580 kg

66 = 300 kg

90 = 600 kg

Load index (capacity)

67 = 307 kg

91 = 615 kg

68 = 315 kg

92 = 630 kg

69 = 325 kg

93 = 650 kg

70 = 335 kg

94 = 670 kg

71 = 345 kg

95 = 690 kg

72 = 355 kg

96 = 710 kg

73 = 365 kg

97 = 730 kg

74 = 375 kg

98 = 750 kg

75 = 387 kg

99 = 775 kg

76 = 400 kg

100 = 800 kg

77 = 412 kg

101 = 825 kg

78 = 425 kg

102 = 850 kg

79 = 437 kg

103 = 875 kg

80 = 450 kg

104 = 900 kg

81 = 462 kg

105 = 925 kg

82 = 475 kg

106 = 950 kg

83 = 487 kg

CORRECT READING OF THE RIM CODE

Example: 5 1/2J x 14 H2 ET 44 (see fig. 197)

5 1/2 rim width in inches (1).

J profile of the flange (side projection where the tyre bead rests) (2).

14 rim nominal diameter in inches (corresponds to diameter of the tyre to be mounted) ($3 = \varnothing$).

H2 shape and number of humps (circumference measurement which keeps the bead of tubeless tyres in position on the rim).

ET 44 wheel camber (distance between the disc/rim support plane and the wheel rim centre line).

RIM PROTECTOR TYRES



WARNING

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 fig. 198. Use of unsuitable tyres and wheel caps may cause sudden decrease of tyre pressure.



fig. 198

F0S0351

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RIMS AND TYRES PROVIDED

Versions	Wheels	Tyres provided	Snow tyres	Spare wheel (*) Rim - Tyre	
I.4 Euro 6	6Jx15H2-ET44	185/65 R15 88T	185/65 R15Q (M+S)	6 Jx15H2-ET44	185/65 R15
	6Jx16-ET45	195/55 R16 87T	-	6 Jx15H2-ET44 (**)	185/65 R15 (**)
I.3 Multijet Euro 6	6Jx15H2-ET44	185/65 R15 88T	185/65 R15Q (M+S)	6 Jx15H2-ET44	185/65 R15
			185/65 R15T (M+S) (***)	6 Jx15H2-ET44	185/65 R15
	6Jx16-ET45	195/55 R16 87T	-	6 Jx15H2-ET44 (**)	185/65 R15 (**)

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

(**) Follow the IMPORTANT note below for correct use of the space-saver spare wheel.

(***) QUBO Trekking versions



WARNING

Never use the space-saver spare wheel for more than strictly necessary and never exceed 80 km/h. On the space-saver wheel there is an orange label, summarising the main warnings regarding usage restrictions. Never remove or cover the label. The label gives the following information in four languages: Caution! For temporary use only! 80 km/h max.! Replace by standard wheel as soon as possible. Do not cover this label in use.

COLD TYRE INFLATION PRESSURE (bar)

Measurement	TYRES PROVIDED						SPARE WHEEL (*)
	No load		Medium load		Full load		
	Front	Rear	Front	Rear	Front	Rear	
185/65 R15 88T	2.3	2.2	2.3	2.1	2.3	2.5	2.5
195/55 R16 87T	2.3	2.1	2.3	2.1	2.4	2.4	

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

When the tires are warm, the inflation pressure should be + 0.3 bar in relation to the recommended figure. However, recheck that the value is correct with the tyre cold.

With snow tyres, add +0.2 bar to the pressure value prescribed for standard tyres.

When running at speeds over 160 km/h, inflate tyres at full-load pressures.

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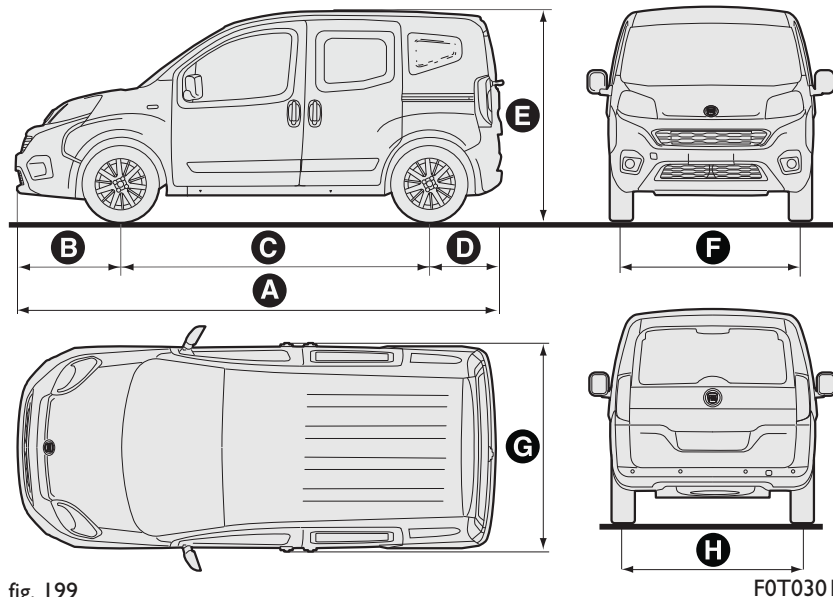
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DIMENSIONS

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



	A	B	C	D	E	F	G	H
Qubo versions	3957	854	2513	590	1735/1803 (*)	1462	1716	1464
Qubo Trekking versions	3971	854	2513	604	1742/1810 (*)	1464	1716	1465

(*)With roof bars (for versions/markets where provided)

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

PERFORMANCE

Top speed permitted after initial period of use (km/h).

Versions	km/h
I.4 Euro 6	155
I.3 I6V Multijet 80 HP Euro 6	161
I.3 I6V Multijet 95 HP Euro 6	167

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WEIGHTS

Weights (kg)	1.4 Euro 6	1.3 16V Multijet 80 HP Euro 6		
	MI versions (5 seats)	NI "Minimum" versions (4 seats)	NI "Maximum" versions (4 seats)	MI versions
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1180	1205	1300	1200
Payload including the driver:	510	550	455	510
Payload excluding the driver:	440	475	380	440
Maximum permitted loads (**)				
- front axle:	950	950	950	950
- rear axle:	950	950	950	950
- total:	1690	1755	1755	1710
Towable loads				
- braked trailer:	600	1000	1000	1000
- non-braked trailer:	400	400	400	400
Maximum load on the roof (with roof rack bars) (***)	70	70	70	70
Maximum load on ball joint (braked trailer):	60	60	60	60

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

(***)Including the weight of any carrying systems fitted (Lineaccessori Fiat bars/box).

Note Trekking versions have the same capacities as the other versions.
CATEGORY MI: optional equipment is included in the capacity.

Weights (kg)	1.3 16V Multijet 95 HP Euro 6		
	MI versions (5 seats)	NI "Minimum" versions (4 seats)	NI "Maximum" versions (4 seats)
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1200	1205	1310
Payload including the driver:	510	550	445
Payload excluding the driver:	440	475	370
Maximum permitted loads (**)			
- front axle:	950	950	950
- rear axle:	950	950	950
- total:	1710	1755	1755
Towable loads			
- braked trailer:	1000	1000	1000
- non-braked trailer:	400	400	400
Maximum load on the roof (with roof rack bars) (***)	70	70	70
Maximum load on ball joint (braked trailer):	60	60	60

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

(***)Including the weight of any carrying systems fitted (Lineaccessori Fiat bars/box).

Note Trekking versions have the same capacities as the other versions.

CATEGORY MI: optional equipment is included in the capacity.

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REFUELLING

	1.4 Euro 6		Recommended fuels and original lubricants
	litres	kg	
Fuel tank:	45	-	Unleaded petrol with R.O.N. no lower than 95 (EN228 specifications)
including a reserve of:	6/7	-	
Engine cooling system:	6.64	-	Mixture of distilled water and PARAFLU UP liquid at 50% (*)
Engine sump:	-	2.1	SELENIA K P.E.
Engine sump and filter:	-	2.25	
Gearbox casing/differential:	-	1.5	TUTELA TRANSMISSION TECHNYX (***)

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

(***) 1.4 Euro 6 versions

	1.4 Euro 6		Recommended fuels and original lubricants
	litres	kg	
Hydraulic power steering	0.38	0.35	TUTELA TRANSMISSION GI/E
Hydraulic brake circuit:	-	0.50	TUTELA TOP 4
Windscreen and rear window washer fluid reservoir:	3.0	-	Water and fluid mixture TUTELA PROFESSIONAL SC 35

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KNOWING YOUR VEHICLE	1.3 16V Multijet 80 HP Euro 6 - 1.3 16V Multijet 95 HP Euro 6		Recommended fuels and original lubricants
	litres	kg	
SAFETY	Fuel tank:	45	Diesel for motor vehicles (EN590 Specification)
	including a reserve of:	6/7	
STARTING AND DRIVING	Engine cooling system:	7.6	Mixture of distilled water and PARAFLU UP liquid at 50% (*)
	Engine sump:	3.7	SELENIA WR FORWARD.
	Engine sump and filter:	3.9	
WARNING LIGHTS AND MESSAGES	Gearbox casing/differential:	1.84	TUTELA TRANSMISSION TECHNIX
IN AN EMERGENCY	Hydraulic power steering	0.38	TUTELA TRANSMISSION GI/E
	Hydraulic brake circuit:	-	TUTELA TOP 4
SERVICING AND CARE	Windscreen and rear window washer fluid reservoir:	3.0	Water and fluid mixture TUTELA PROFESSIONAL SC 35

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

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FLUIDS AND LUBRICANTS

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

RECOMMENDED PRODUCTS AND THEIR SPECIFICATIONS

Use	Features	Specification	Original fluids and lubricants	Applications
Lubricants for petrol engines	SAE 5W-40 ACEA C3.	9.55535-S2	SELENIA K P.E. Contractual Technical Reference No- F603.C07	According to Scheduled Servicing Plan
Lubricants for diesel engines	SAE 0W-30 ACEA C2.	FIAT 9.55535-DSI or MS-90047	SELENIA WR FORWARD Contractual Technical Reference No. F842.F13	According to Scheduled Servicing Plan

If lubricants conforming to the specific request are not available, products that meet the indicated specifications can be used to top up; in this case optimal performance of the engine is not guaranteed.



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

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Use	Features	Specification	Original fluids and lubricants	Applications	
KNOWING YOUR VEHICLE	Lubricants and greases for drive transmission	SAE 75W- 85 grade synthetic lubricant.	9.55550-MX3	TUTELA TRANSMISSION TECHNIX Contractual Technical Reference N. F010.B05	Mechanical differentials and gearboxes (Diesel and I.4 Euro 6 versions)
SAFETY		SAE 75W grade synthetic lubricant. Exceeds specifications API GL 4.	9.55550-MZ2.	TUTELA TRANSMISSION EXPERYA Contractual Technical Reference No. F002.F13	Manual gearboxes and differentials (petrol versions)
STARTING AND DRIVING		Molybdenum disulphide grease, for use at high temperatures. N.L.G.I. consistency 1-2.	9.55580-GRAS II	TUTELA ALL STAR Contractual Technical Reference No. F702.G07	Wheel side constant velocity joints
WARNING LIGHTS AND MESSAGES		Grease for constant velocity joints with low friction coefficient. N.L.G.I. consistency 0-1.	9.55580-GRAS II	TUTELA STAR 700 Contractual Technical Reference No. F701.C07	Differential side constant velocity joints
IN AN EMERGENCY		Automatic transmission lubricant. Exceeding ATF DEXRON III specifications.	FIAT 9.55550- AG2	TUTELA TRANSMISSION GI/E Contractual Technical Reference No. F001.C94	Hydraulic power steering
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Use	Features	Specification	Original fluids and lubricants	Applications
Brake fluid	Synthetic fluid, NHTSA no. 116 DOT 4, ISO 4925, SAE J-1704, CUNA NC 956-01.	9.55597 or MS.90039	TUTELA TOP 4/S Contractual Technical Reference No. F001.A93	Hydraulic brakes and hydraulic clutch controls
Protective agent for radiators	Red protective with antifreeze action, based on inhibited monoethyl glycol with organic formula. Exceeds CUNA NC 956-16, ASTM D 3306 specifications.	9.55523 or MS.90032	PARAFLU (*) Contractual Technical Reference No. F101.M01	Percentage of use: 50% demineralised water 50% PARAFLU (**)

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

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

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Use	Features	Specification	Original fluids and lubricants	Applications
Fuel 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.	9.55522 or MS.90043	TUTELA PROFESSIONAL SC 35 Contractual Technical Reference No. F201.D02	To be used diluted or undiluted in windscreen washer/wiper systems

FUEL CONSUMPTION

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

The following procedures are used to measure the fuel consumption:

- ☐ urban cycle: cold starting followed by driving that simulates urban use of the car;
- ☐ extra-urban cycle: frequent accelerating in all gears, simulating extra-urban use of the car: speed varies between 0 and 120 km/h;
- ☐ combined fuel consumption: calculated with a weighting of approximately 37% of the urban cycle and 63% of the extra-urban cycle.

IMPORTANT The type of route, traffic conditions, weather conditions, driving style, general condition of the vehicle, trim level/equipment/accessories, use of the climate control system, vehicle load, presence of roof racks and other situations that adversely affect the aerodynamics or wind resistance lead to different fuel consumption values than those measured.

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Fuel consumption according to the current European directive (litres x 100 km)

Versions	Urban	Extra-urban	Combined
1.4 Euro 6	8.9	5.8	6.9
1.3 16V Multijet 80 HP / 95 HP Euro 6	4.8	3.6	4.0
1.3 16V Multijet 80 HP / 95 HP NO START & STOP Euro 6	5.7	3.8	4.5

CO2 EMISSIONS

The CO₂ emission figures in the table below refer to combined fuel consumption.

Versions	CO ₂ emissions according to the current European directive (g/km)
1.4 Euro 6 Euro 6	161
1.3 16V Multijet 80 HP / 95 HP Euro 6	106
1.3 16V Multijet 80 HP / 95 HP NO START & STOP Euro 6	118

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RADIOFREQUENCY REMOTE CONTROL: OFFICIAL APPROVAL

DECLARATION OF CONFORMITY
Directive 99/5/EC (R&TTED)

Manufacturer or
Authorized representative: Delphi Deutschland GmbH

Address: Wiehlpuhl 4
D-51766 Engelskirchen
Germany

We declare on our sole responsibility, that the following product:

Kind of equipment: Vehicle Immobilizer

Type-designation: FI2-125 kHz

is in compliance with the essential requirements of §3 of the R&TTED.

- Health and safety requirements pursuant to §3(1)a:
Applied Standard(s) or other means of providing conformity:
EN60950-1:2001

- Protection requirements concerning EMC §3(1)b:
Applied Standard(s) or other means of providing conformity:
2006/28/EC

- Measures for the efficient use of the radio frequency spectrum §3(2)
Applied Standard(s) or other means of providing conformity:
ETSI-EN 300 330-2 V1.3.1 (2006-04)

DELPHI
Deutschland GmbH
Body & Security Electronics
Wiehlpuhl 4 • 51766 Engelskirchen
Telefon 02261 447516
E-Mail: info@delphi.de

_____, Wiehl, 2007-04-20
place and date of issue

Cyrille Emelianoff
(European Businessline Director C+S)

fig. 200

F0T0376

ARRANGEMENTS FOR DEALING WITH THE VEHICLE AT THE END OF ITS LIFE

Fiat has been committed for many years to safeguarding the environment through the constant improvement of its production processes and manufacturing products that are increasingly "eco-compatible". To give 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, Fiat is offering its customers the opportunity of handing over their vehicle* at the end of its life without incurring any additional costs.

The European Directive sets out that when the vehicle is handed over the last keeper or owner should not incur any expenses as a result of it having a zero or negative market value. In all European Union countries, until 1st January 2007, only vehicles registered after 1st July 2002 were collected free of charge, while since 2007 collection has been free of charge irrespective of the year of registration as long as the vehicle contains its basic components (in particular, the engine and bodywork) and has no additional waste.

To hand your vehicle over at the end of its life without extra cost, go to one of our Dealerships or Fiat-authorized collection and scrapping centres. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of unused vehicles with respect to the environment.

You can find further information on these collection and scrapping centres either from a Fiat or Fiat Commercial Vehicle Dealership or by calling the freephone number 00800 3428 0000 or by going on the Fiat website.

(*) Vehicle for transporting passengers with a maximum of nine seats and a total permitted weight of 3.5 t

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



















In the heart of your engine.



Always ask your mechanic for **PETRONAS Selenia** MOTOR OIL

Oil change? The experts recommend Petronas Selenia

*The engine of your car is factory filled with **Petronas Selenia**,
This is an engine oil range which satisfies the most advanced
international specifications. Its superior technical characteristics
allow **Petronas Selenia** to guarantee the **highest performance
and protection of your engine.***

The Petronas Selenia range includes a number of technologically advanced products:

SELENIA K PURE ENERGY

Fully synthetic lubricant designed for latest generation, low emission, petrol engines. Its specific formulation warrants the utmost protection also for high performance turbocharged engines with high thermal stress. Its low ash content helps to maintain the total cleanliness of modern catalysts.

SELENIA WR PURE ENERGY

Fully synthetic lubricant that can meet the requirements of the latest diesel engines. Low ash content to protect the particulate filter from the residual products of combustion. High Fuel Economy System that allows considerable fuel saving. It reduces the danger of dirtying the turbine to ensure the protection of increasingly high performance diesel engines.

SELENIA MULTIPower GAS PURE ENERGY

Fully-synthetic lubricant designed for petrol engines also turbocharged, powered with methane or LPG. Its exclusive formulation improves valve protection against wear, neutralises the acid compounds formed by combustion and keeps engine performance levels unchanged.

SELENIA K POWER

Fully synthetic lubricant developed for American design petrol engines, specially formulated to allow an excellent resistance to oxidation and high level fuel economy. Excellent protection at high temperatures.

SELENIA DIGITEK PURE ENERGY

Fully synthetic lubricant for petrol engines. High fuel economy characteristics. Specific formulation for the TwinAir two-cylinder engines, Selenia Digitek Pure Energy allows maximum protection of the engine even under high mechanical stress caused by severe stop and go conditions of city traffic.

The range also includes Selenia K, Selenia 20K, Selenia Turbo Diesel, Selenia Sport, Selenia Sport Power, Selenia Racing.

For further information on Petronas Selenia products visit the web site www.pli-petronas.eu

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