

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



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

**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



**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



**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),  (car integrity).

# KNOW YOUR VEHICLE

## DASHBOARD

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

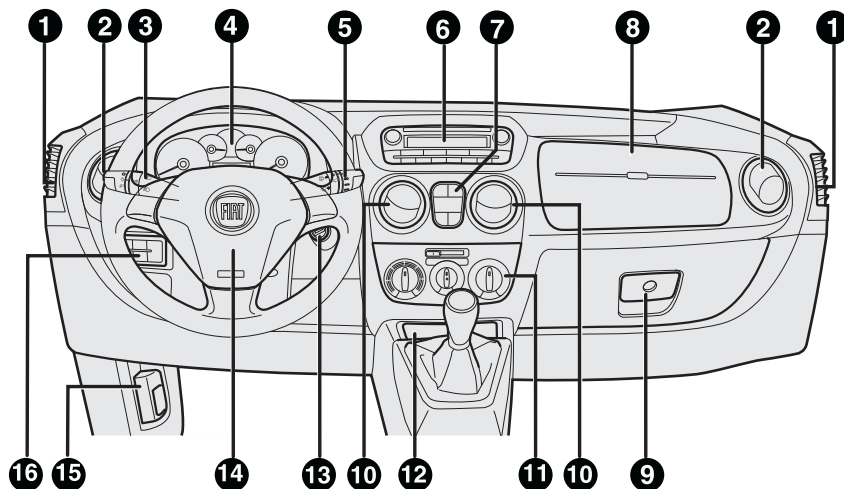


fig. 1

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) 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

## Versions with multifunction display

Warning lights  and  are available on diesel versions only.

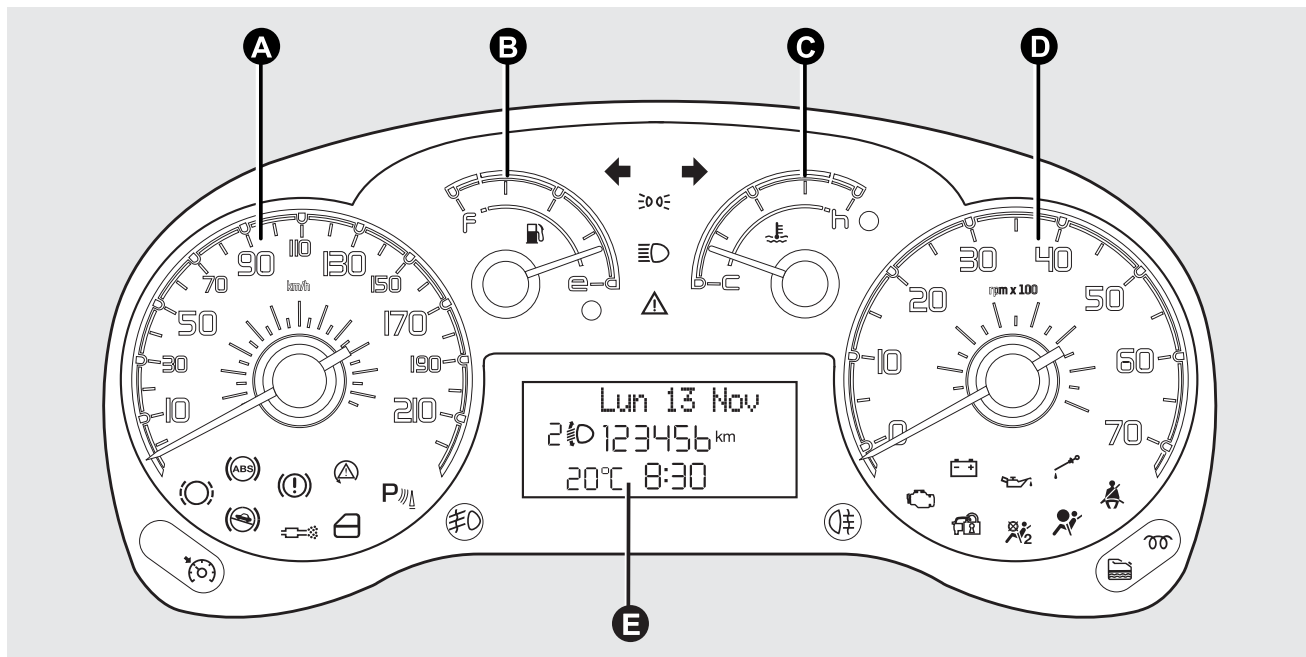


fig. 2

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

F0T0460

## 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.

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- ☐ 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. 3 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. 4 operates:

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

To extract the metal insert, press button B fig. 4.

To retract it in the grip, proceed as follows:

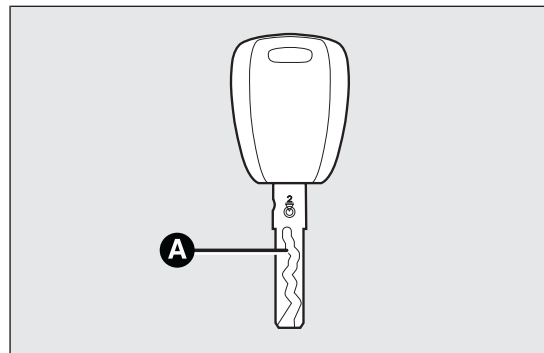


fig. 3

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.**

### 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

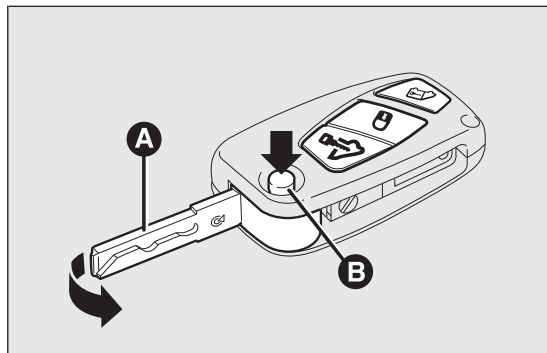



fig. 4

F0T0241

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.

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## Changing battery - key with remote control

To replace the battery, proceed as follows fig. 5:

- ☐ 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.**

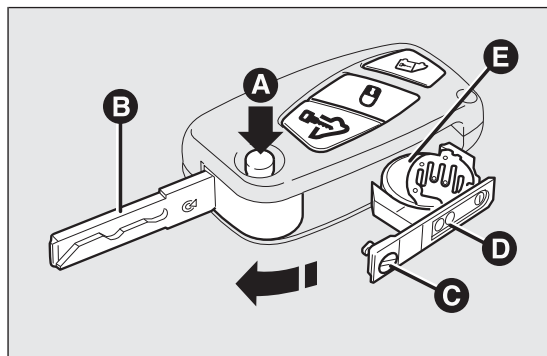


fig. 5

F0T0300

## 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.

## 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.***

### 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).

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**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. 6 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.

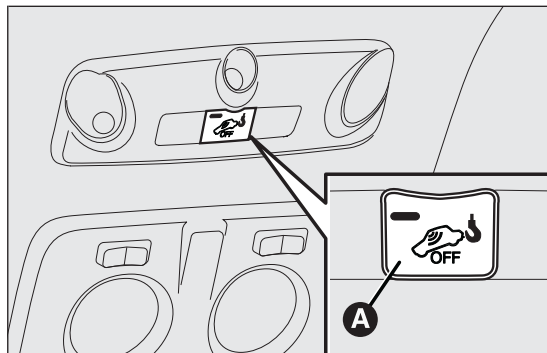


fig. 6

F0T0159

**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.

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## IGNITION SWITCH

The key can be turned to 3 different positions fig. 7:

- ☐ 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.

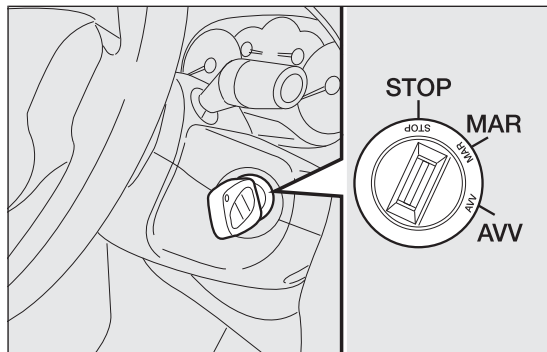


fig. 7

F0T0039

## STEERING LOCK

### Engagement

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

### Disengagement

Move the steering wheel slightly 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.**

# INSTRUMENTS

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

## SPEEDOMETER (speed indicator)

This shows the speed of the vehicle fig. 8.

## REV COUNTER

The rev counter fig. 9 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 engine speed.

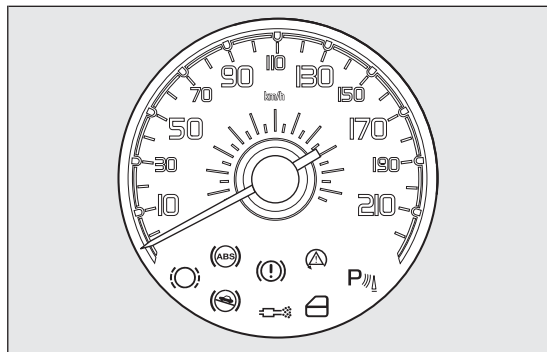


fig. 8

F0T0402

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

## FUEL LEVEL GAUGE

The needle shows the amount of fuel left in the tank.

Warning light A fig. 10 switches on to indicate that 6 to 7 litres of fuel are left in the 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.

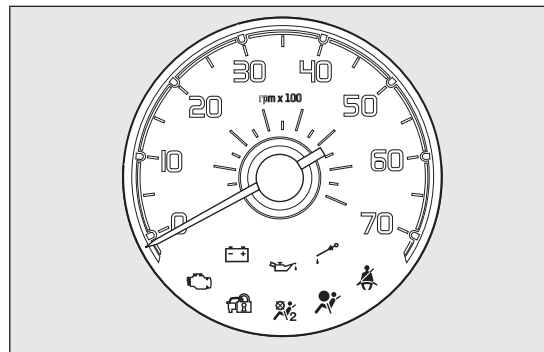


fig. 9

F0T0403

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**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, contact a Fiat Dealership to have the system checked.

## ENGINE COOLANT TEMPERATURE GAUGE

The needle shows the temperature of the engine coolant and starts supplying indications 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. 10 switches 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.



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

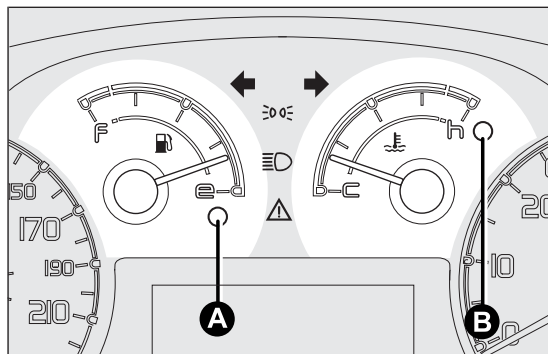


fig. 10

F0T0404

## 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 fig. 11 shows the following information:

- A** Date.
- B** Odometer (distance covered in km or miles).
- C** Time.
- D** Outside temperature (not present on methane vehicles, for which outside temperature is displayed in trip menu, see "Trip computer").
- E** Headlamp alignment position (only with dipped headlamps on).

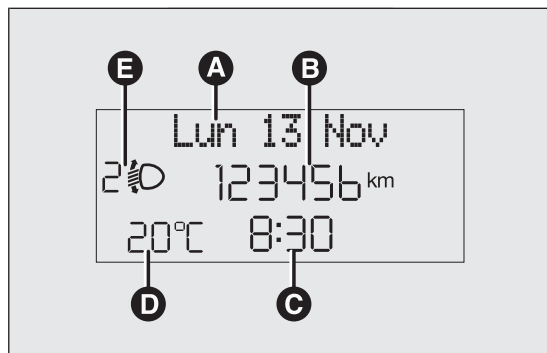


fig. 11

F0T0019

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

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## CONTROL BUTTONS



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

### MENU ESC



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

Hold down to go back to the standard screen.

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

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

### Adjusting headlight alignment

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

## Setup menu

- in menus, to scroll up and down;
- in setting operations, to increase or decrease a value.

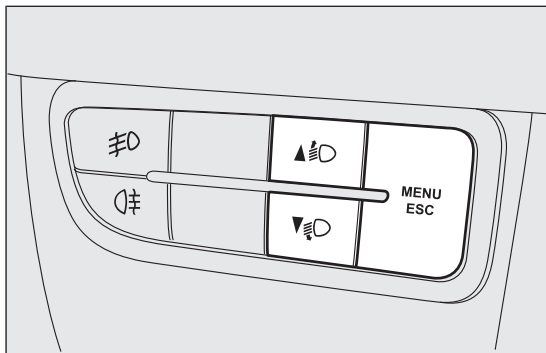


fig. 12

F0T0449

# SETUP MENU

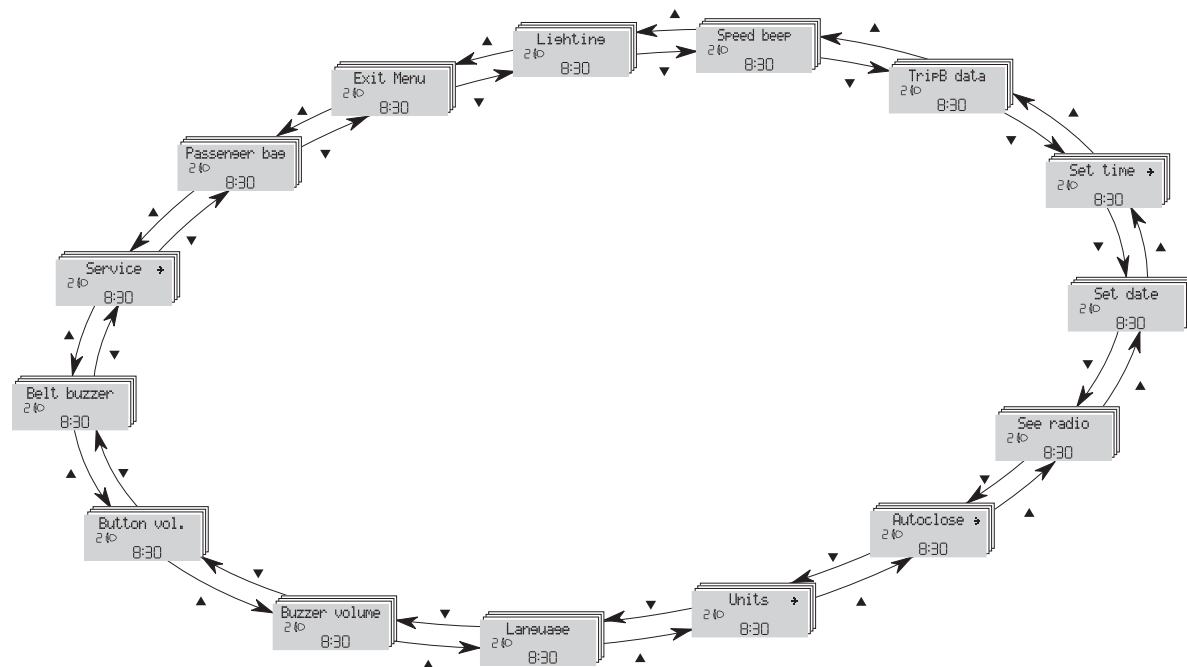


fig. 13

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
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## Setup menu function



The menu fig. 13 comprises a series of functions in "circular" arrangement, which can be selected by pressing the ▲ and ▼ buttons to access the different operations and settings described in the following paragraphs. A submenu is provided for some items (clock and unit setting).

The setup menu can be activated by pressing the MENU ESC button briefly.







Press buttons ▲ or ▼ to scroll the setup menu options.

Management modes differ according to the option selected.

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

- briefly press MENU ESC to select the main menu option you wish to set;
- press ▲ or ▼ (with single presses) to select the new setting;
- a short press on button MENU ESC will store the setting and then return to the same main menu option that was first selected.

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

- briefly press the MENU ESC button to display the first submenu option;
  - press ▲ or ▼ (with single presses) to scroll all the submenu options;
  - briefly press the MENU ESC button to select the displayed submenu option and to open the relevant setup menu;
  - press ▲ or ▼ (with single presses) to select the new setting for this submenu option;
  - briefly press the MENU ESC button to store the new setting and go back to the previous menu option.
- Selecting "Date" and "Set time":*
- briefly press MENU ESC to select the first value to change (e.g. hours/minutes or year/month/day);
  - press ▲ or ▼ (with single presses) to select the new setting;
  - briefly press MENU ESC to store the new setting and go to the next setup menu option: if this is the last one you will go back to the previous menu option.

### Hold down MENU ESC:

- to quit the set up menu if you are in the main menu;
- to quit 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 settings already stored (and confirmed by pressing the MENU ESC button).

The setup menu page is timed. Only the changes already stored by pressing the MENU ESC button are saved when you come out of the menu.

On the standard screen, briefly press MENU ESC to start browsing.



Press  or  to browse within the menu.

**Note** Only the short menu may be accessed for reasons of safety while the vehicle is moving ("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 MENU ESC button briefly to make the display flash the previously set level;
- ☐ press button  and  to set the required brightness level;
- ☐ press the MENU ESC button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.

## Speed limit (Speed Beep)

This function is used 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:

- briefly press the MENU ESC button: the display will show the words (Speed Beep);
- press  or  to select speed limit activation (On) or deactivation (Off);
- if the function is on, press  or  to select the required speed limit and then press MENU ESC to confirm;

**Note** Setting is possible between 30 and 200 km/h, or 20 and 125 mph, according to the previously stored unit. See the "Setting the unit of measurement" paragraph described below. The setting will increase/decrease by five units each time button   /   is pressed. Hold down   /   to increase/decrease the setting rapidly. Complete the setting by single pressing the button when you approach the required value.

- press the MENU ESC button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.

To cancel the setting, proceed as follows:





- press the MENU ESC button briefly to make the display flash (On);
- press   : (Off) will flash on the display;
- press the MENU ESC button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.

## Trip B activation (tripB data)

With this function is possible to turn the Trip B display (trip meter) on and off.

For more information see "Trip computer" paragraph.









For activation/deactivation, proceed as follows:





- briefly press MENU ESC: On or Off will flash on the display (depending on previous setting);
- press   or   to make your choice;
- press the MENU ESC button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.

## Setting the clock (Set time)

This function allows you to set the clock through two submenus: "Time" and "Mode".

To carry out the adjustment, proceed as follows:

- briefly press the MENU ESC button and two submenus (Time and Format) are displayed;
- press   or   to switch between the two sub-menus;
- once you have selected a submenu, press MENU ESC briefly;
- if selecting "Time", briefly press MENU ESC - the "hours" will flash on the display;
- press the   or   button to make the adjustment;

- briefly press the MENU ESC button, which makes the display flash the minutes;
- press the ▲ or ▼ button to make the adjustment;
- when you select “Mode”, pressing MENU ESC makes the mode flash on the display;
- press the ▲ or ▼ button to carry out the selection in 24h or 12h mode.





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



- hold down MENU ESC again to go back to the standard screen or main menu, depending on which point in the menu you have reached.



### Set date (Set Date)

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

To update, proceed as follows:

- briefly press MENU ESC: the day (dd) will flash on the display;
- press the ▲ or ▼ button to make the adjustment;
- briefly press MENU ESC: the month (mm) will flash on the display;
- press the ▲ or ▼ button to make the adjustment;

- briefly press MENU ESC: the year (yyyy) will flash on the display;
- press the ▲ or ▼ button to make the adjustment.

**Note** The setting increases or decreases by one unit each time ▲ or ▼ is pressed. Keeping the button pressed causes an automatic speed increase/decrease. Complete the setting by single pressing the button when you approach the required value.



- press the MENU ESC button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.

### 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 car radio information on the display (on) or not (off), proceed as follows:

- briefly press MENU ESC: On or Off will flash on the display (depending on previous setting);
- press ▲ or ▼ to make your choice;
- press the MENU ESC button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.

## Automatic central door locking with vehicle running (Autoclose)

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





To activate (On) or deactivate (Off) this function, proceed as follows:

- press the MENU ESC button briefly: the display will show a submenu;
- briefly press MENU ESC: On or Off will flash on the display (depending on previous setting);
- press ▲ or ▼ to make your choice;
- briefly press the MENU ESC button to go back to the submenu screen or hold the button down to go back to the main menu screen without saving;
- hold down MENU ESC again to go back to the standard screen or main menu, depending on which point in the menu you have reached.

## Setting the unit of measurement



With this function it is possible to set the measurement units through three submenus: "Distance", "Consumption" and "Temperature".

To set the desired measurement unit, proceed as follows:

- briefly press MENU ESC to display the three submenus;
- press ▲ or ▼ to switch between the three submenus;
- once the submenu to be modified has been selected, briefly press the MENU ESC button;
- if the submenu "Distances" is entered: by briefly pressing SET ESC the display shows "km" or "mi" depending on the previous setting;
- press ▲ or ▼ to make your choice;
- when you select "Consumption", pressing SET ESC makes km/l, l/100km or mpg appear on the display (depending on the previous setting);

If the distance unit of measurement stored is km, the display allows the setting of the measurement unit (km/l or l/100km) referring to the amount of fuel consumed.

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

- press ▲ or ▼ to make your choice;
- if the submenu "Distances" is entered: by briefly pressing SET ESC the display shows "km" or "mi" depending on the previous setting;

- press ▲ or ▼ to make your choice;



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

- hold down MENU ESC again to go back to the standard screen or main menu, depending on which point in the menu you have reached.

### Selecting the language (Language)

Display messages can be shown in different languages: Italian, German, English, Spanish, French, Portuguese, Turkish and Dutch.



To set the required language, proceed as follows:

- briefly press MENU ESC: the previously set language will flash on the display;
- press ▲ or ▼ to make your choice;
- press the MENU ESC button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.



### Adjusting the failure/warning buzzer volume (Alert Volume)

With this function is possible to adjust (to eight levels) the volume of the acoustic signal which sounds in the event of alerts and warning.



To set the desired volume, proceed as follows:

- briefly press MENU ESC: the previously set volume level will flash on the display;
- press the ▲ or ▼ button to make the adjustment;
- press the MENU ESC button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.

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

This function may be used to adjust (over 8 levels) the volume of the noise made when the MENU ESC, ▲ and ▼ buttons are pressed.

To set the desired volume, proceed as follows:

- briefly press MENU ESC: the previously set volume level will flash on the display;
- press the ▲ or ▼ button to make the adjustment;
- press the MENU ESC button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.



## SBR buzzer reactivation (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)

This function is used to display information related to regular servicing intervals.

This information can be consulted as follows:

- briefly press MENU ESC: service intervals in km or mi, depending on the previous setting, will be displayed (see “Setting the unit of measurement”);
- press the MENU ESC button briefly to return to the menu screen or hold the button down to return to the standard screen.

**Note** The “Scheduled Servicing Plan” requires the vehicle to be serviced every 30,000 km (or 18,000 mi). This indication will appear automatically, with the key at MAR, starting from 2,000 km (or 1,240 mi) and will be displayed every 200 km (or 124 mi).





Below 200 km the signals become 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 is used to activated/deactivated the passenger's airbag.

Proceed as follows fig. 14:

- ☐ press MENU ESC and, after the message BAG P OFF (to deactivate) or BAG P On (to activate) is displayed by pressing buttons  and , press MENU ESC again;
- ☐ the confirmation request message will appear on the display;
- ☐ use the  or  menu buttons to select (Yes) (to confirm the activation/deactivation) or (No) (to cancel);
- ☐ press the MENU ESC button briefly; a selection confirmation message will be displayed after which the program returns to the menu screen. Alternatively, press and hold down the button to return to the standard screen without storing.

## Exit menu

This function closes the settings listed on the menu screen.

Briefly press MENU ESC to go back to the standard screen without saving.

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

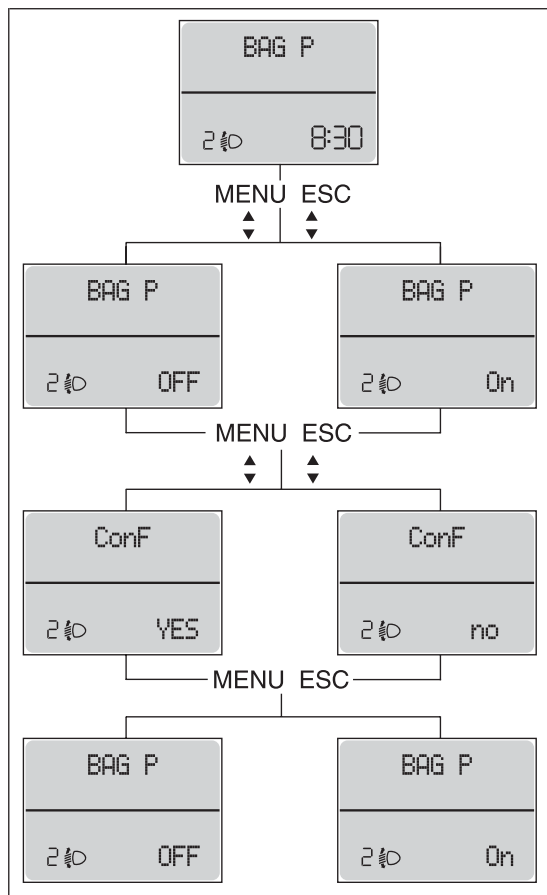


fig. 14

F0T1028

## 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 versions with outside temperature sensor and methane-powered vehicles)
- ☐ 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).



**"Trip B" may be disabled (see "Activating Trip B"). "Range" and "Instant consumption" parameters cannot be reset.**

### Values displayed

#### Range

This indicates the distance which may be travelled with the fuel in the tank assuming that driving style does not change. The display will show the reading "----" when the following events take place:

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

**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*

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

### *Average speed*

This value shows the average speed of the vehicle based on the overall time elapsed since the start of the 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, located on the right hand lever fig. 15 allows you to view the previously described values as well as zero them to begin a new mission when the ignition key is in the MAR position:

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

## **New mission**

This begins after a reset:

- ☐ "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.

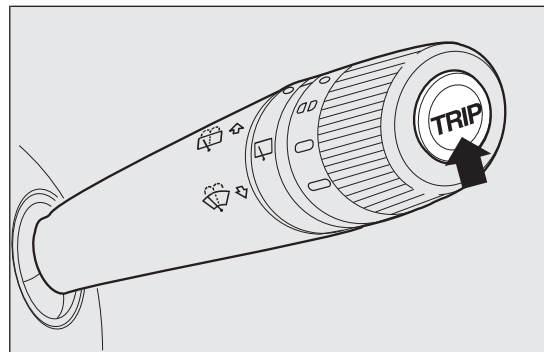


fig. 15

F0T0038

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**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.

### **Start of journey procedure**

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

### **Exit Trip**

You can automatically exit the TRIP function once all the values have been displayed, or by holding the MENU ESC button down for more than 1 second.

## **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.

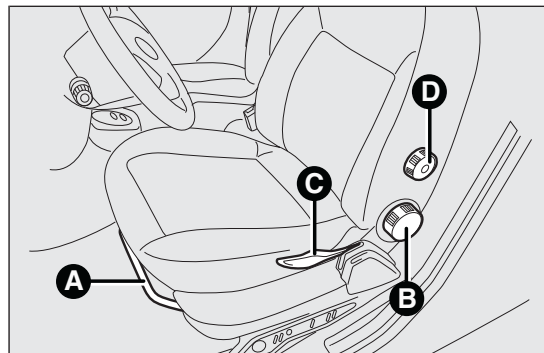


fig. 16

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 at MAR, press button

A fig. 17 to turn the function on/off.

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

### FOLDAWAY PASSENGER SEAT

(for versions/markets, where provided)

The passenger seat can be folded away on some versions.

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

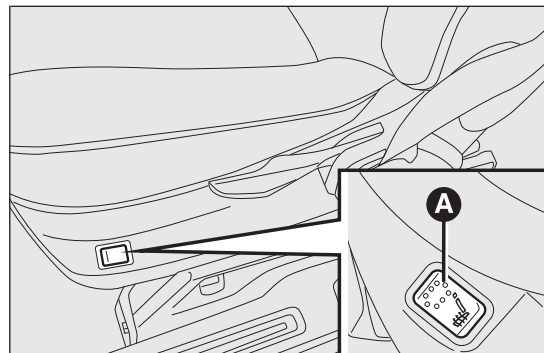


fig. 17

F0T0205

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## 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;

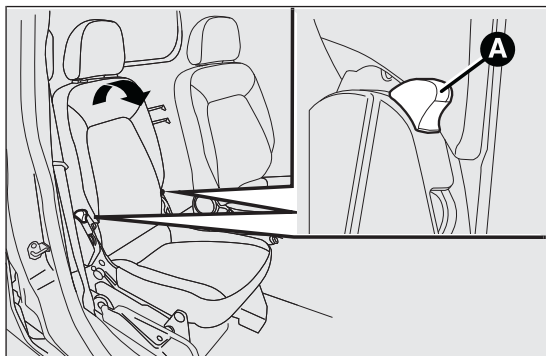


fig. 18

F0T0235

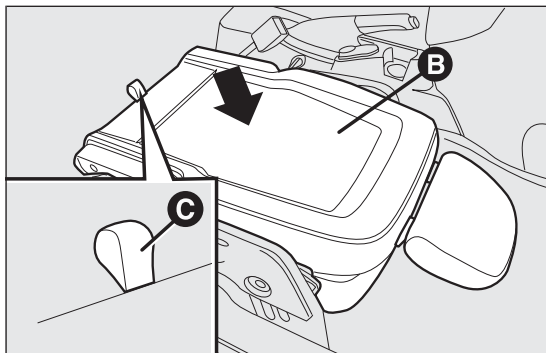


fig. 19

F0T0457

- ☐ 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.

## 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.

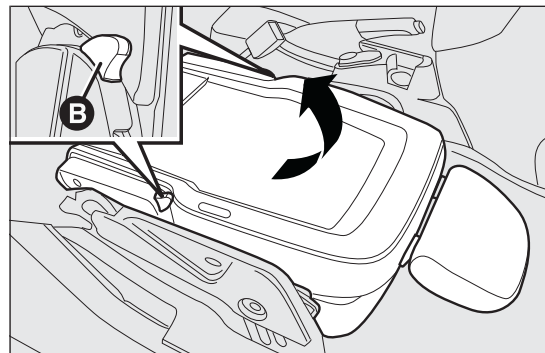


fig. 20

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).

## FIXED PARTITION (for N1 4 seat versions)

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

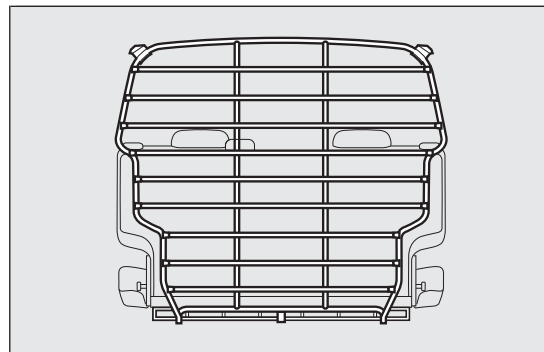


fig. 21

F0T0340

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## 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.

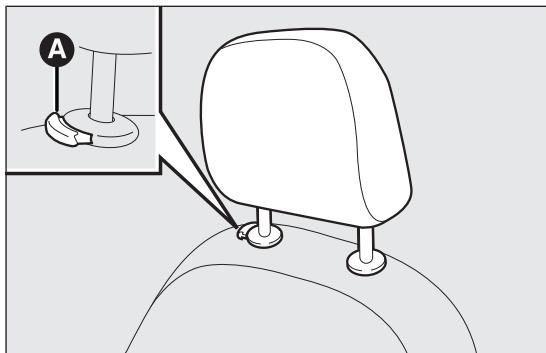


fig. 22

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.***

## REAR

(for versions/markets, where provided)

Lift up to use.

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

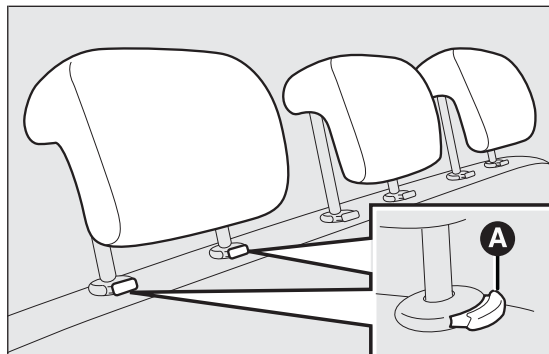


fig. 23

F0T0054

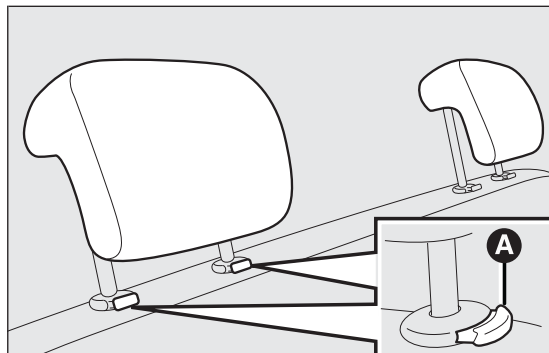


fig. 24 - NI versions (4 seats)

F0T0341

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.

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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

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



### 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.***

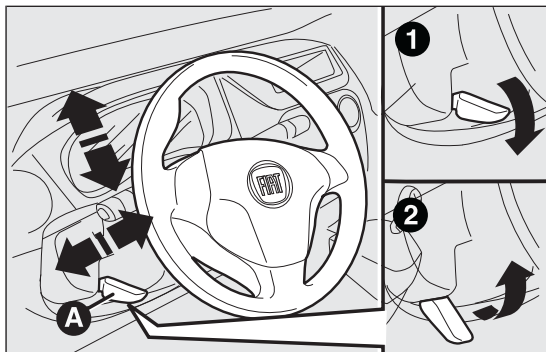


fig. 25

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.

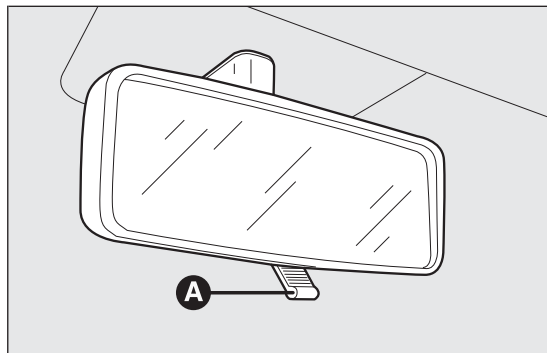


fig. 26

F0T0027

## 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.



#### 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.*

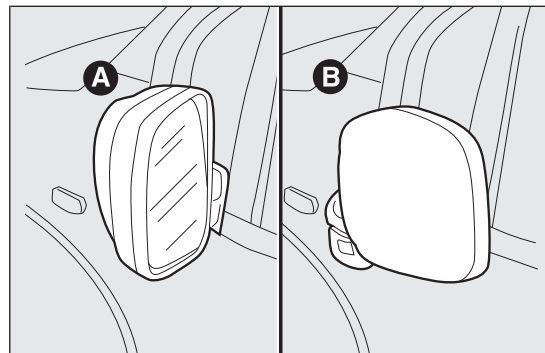


fig. 27

F0T0042

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## 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**.

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.

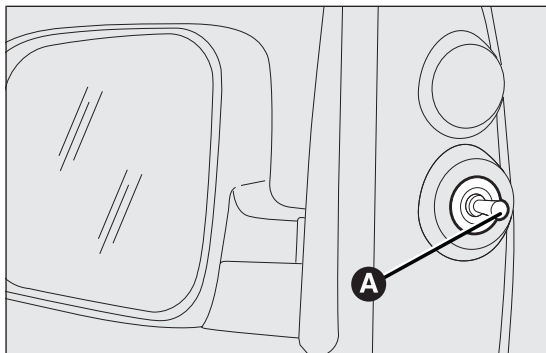


fig. 28

F0T0194

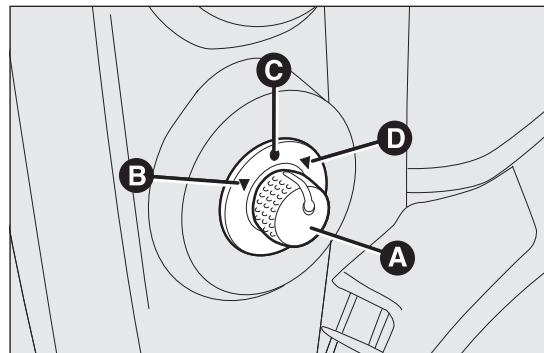


fig. 29

F0T0041

# HEATING AND VENTILATION SYSTEM

## AIR VENTS

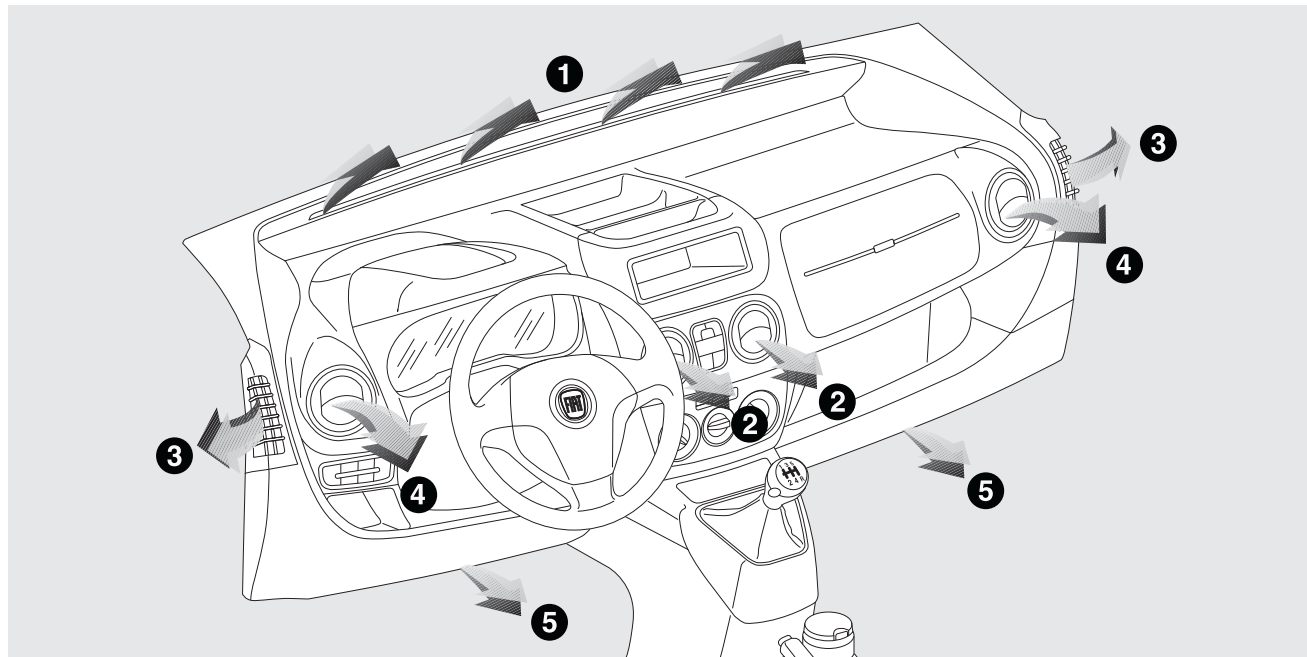


fig. 30

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

F0T0148

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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.

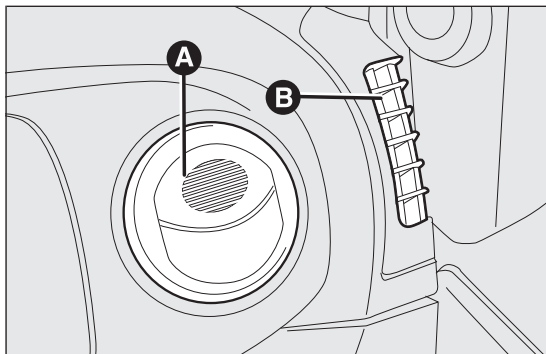


fig. 31

F0T0031

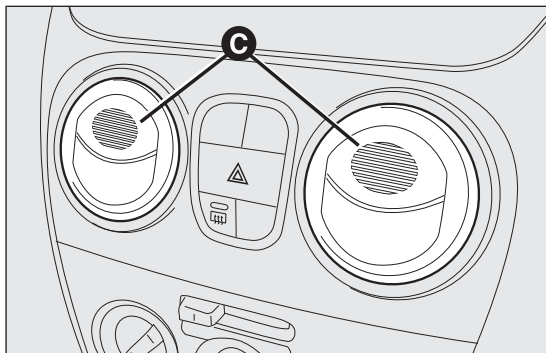


fig. 32

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.

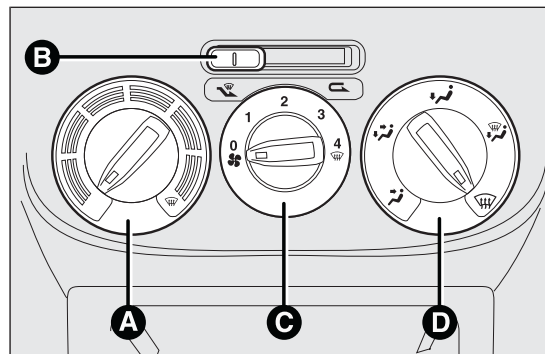







fig. 33

F0T0074





## 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)
-  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.

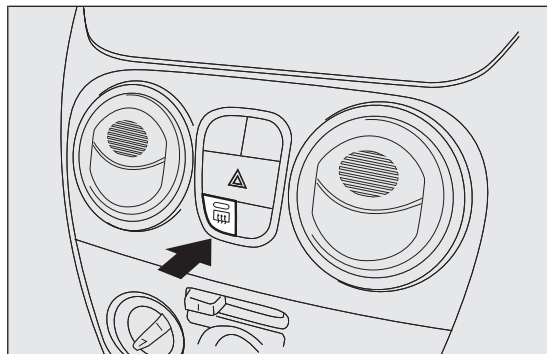


fig. 34

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

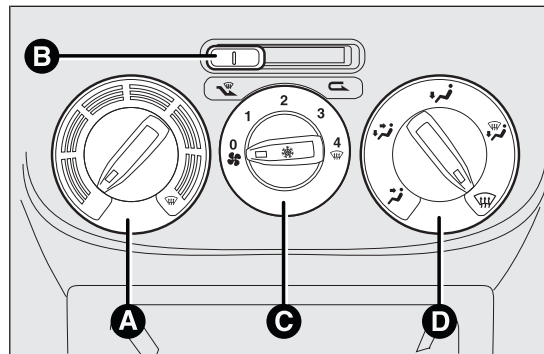


fig. 35

F0T0029

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-  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 

## 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 

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- ☐ 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.

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.

## 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.

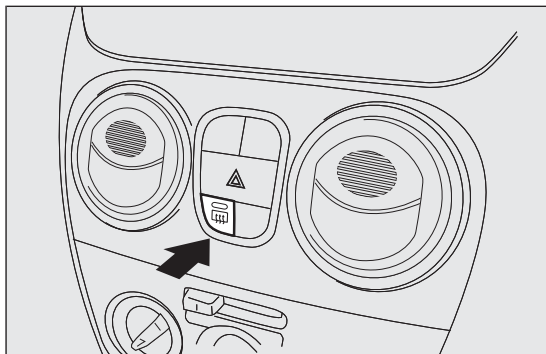


fig. 36

F0T0048

## 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.

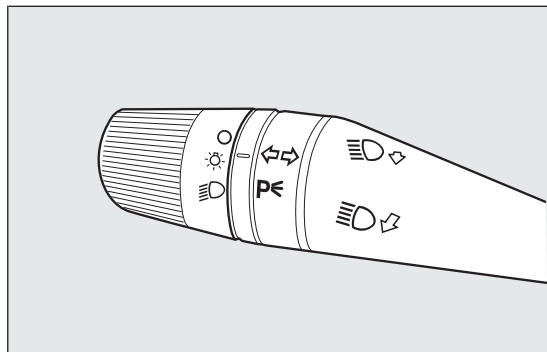


fig. 37

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).

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## 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  or  will blink on the instrument panel.

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

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

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

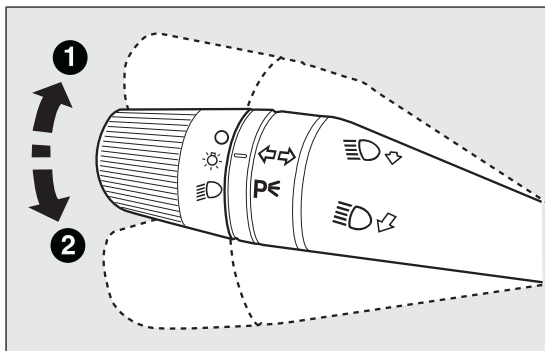


fig. 38

F0T0431


## “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.

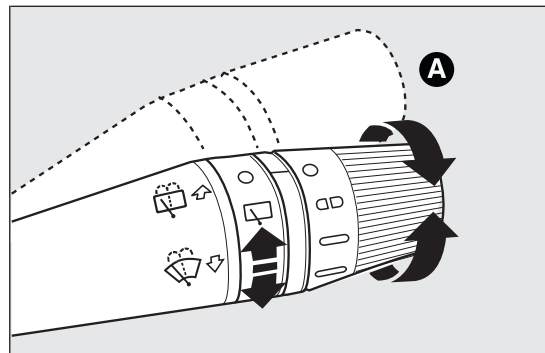


fig. 39

F0T0432

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With the twist switch at **DD**, 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.***

## 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. 40, as shown in the diagram, to switch the light on/off when the doors are closed.

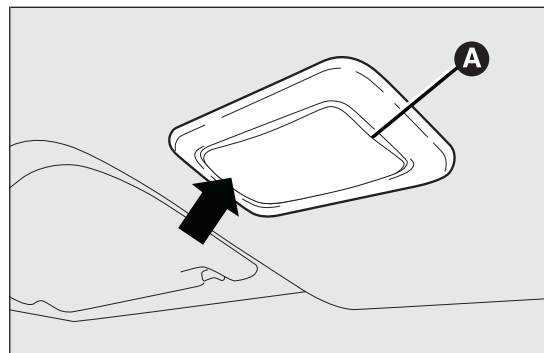


fig. 40

F0T0113

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## FRONT CEILING LIGHT WITH SPOT LIGHTS

(for versions/markets, where provided)

Switch A fig. 41 is used to switch the ceiling lights on/off.

With switch A in the middle position, lights C and D go on/off fig. 41 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. 41 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.

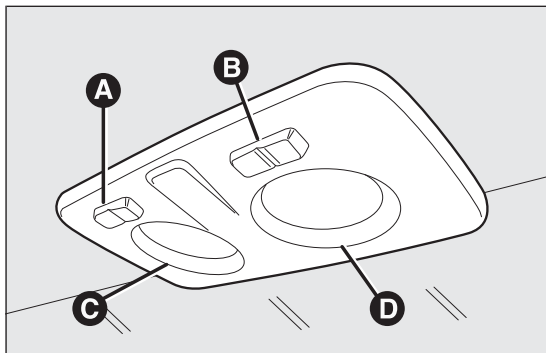


fig. 41

F0T0121

**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.

## 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. 42, as shown in the diagram, to switch the light on/off when the doors are closed.

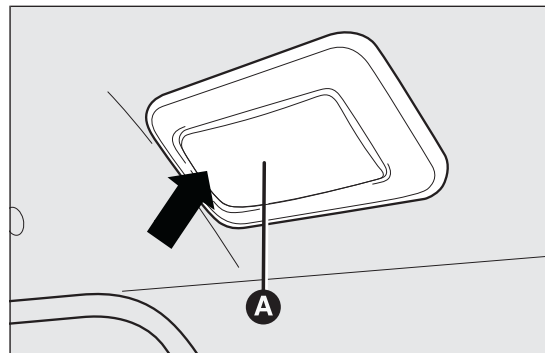


fig. 42

F0T0114

## 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. 43 to turn the light on/off with the doors closed.

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.

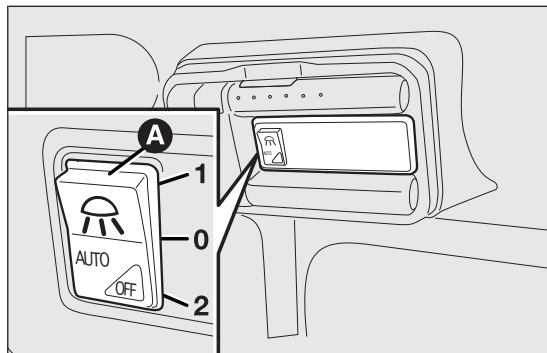


fig. 43

F0T0116

## 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. 44, push button B and remove the torch in the direction shown by the arrow. Then press switch C to switch the light on/off.

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

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

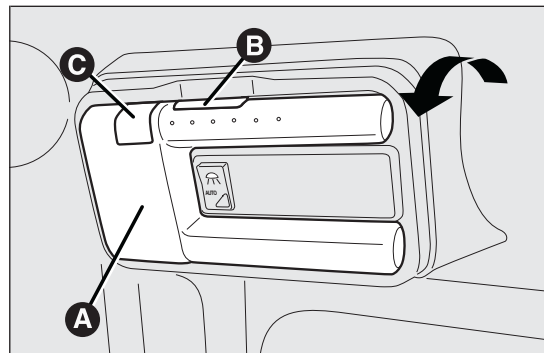


fig. 44

F0T0115

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## BOOT LIGHT

(for versions/markets, where provided)

The lamp fig. 45 comes on automatically when the boot is opened and goes out when it is closed.

## SWITCHING CEILING LIGHTS ON/OFF

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

*Ceiling lights on without locking the doors*

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

Rear ceiling light: on manually.

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

*Ceiling lights off when locking the doors*

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

*With independent load compartment*

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

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

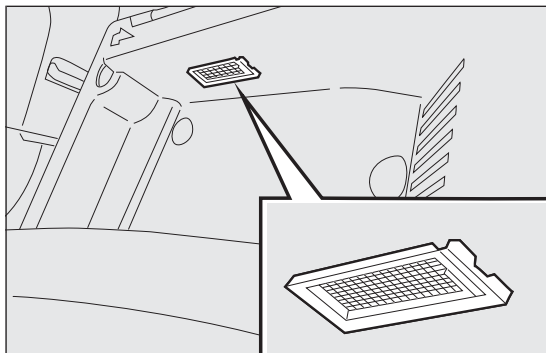




fig. 45

F0T0252

# 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.

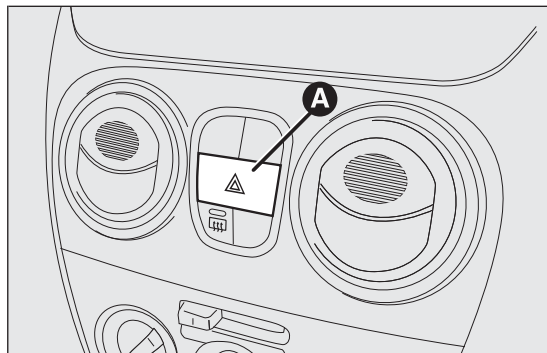




fig. 46

F0T0049

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

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## 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).

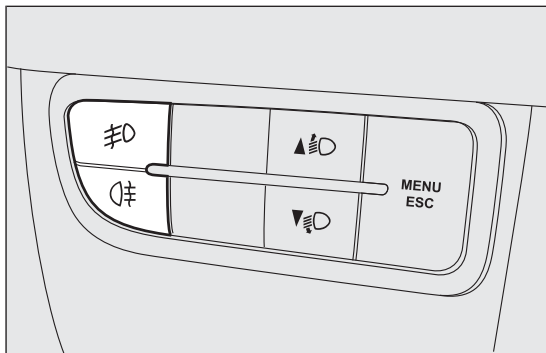


fig. 47

F0T0450

## INTERIOR FITTINGS

### DRIVER'S SEAT ARM REST

(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.

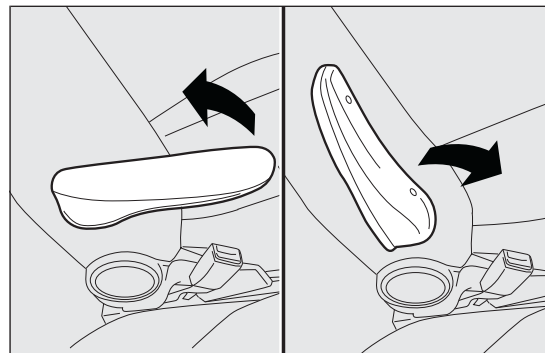


fig. 48

F0T0056

## GLOVE COMPARTMENT

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

## ODDMENT TRAY

(for versions/markets, where provided)

Use handle A fig. 50 to open.

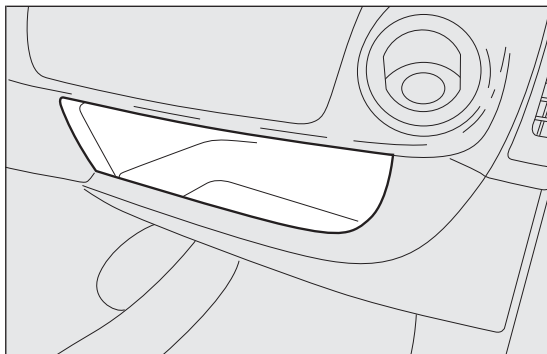


fig. 49

F0T0187

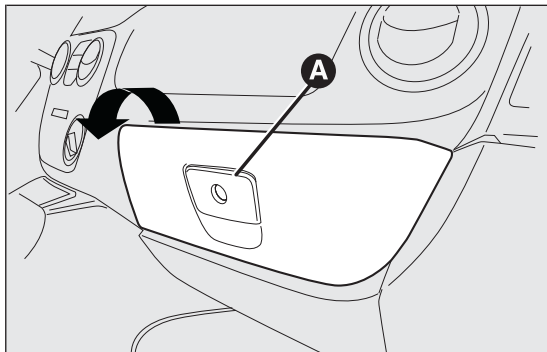


fig. 50

F0T0069



## WARNING

**Never travel with the oddment tray open: it could injure the passenger in the event of a crash.**

## FRONT POWER SOCKET (12V)

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

Lift cap B fig. 51 to use.

## CIGAR LIGHTER

(for versions/markets, where provided)

The cigar lighter is positioned on the central console. Press the button A fig. 51 to switch on the cigar lighter with key in the MAR position.

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

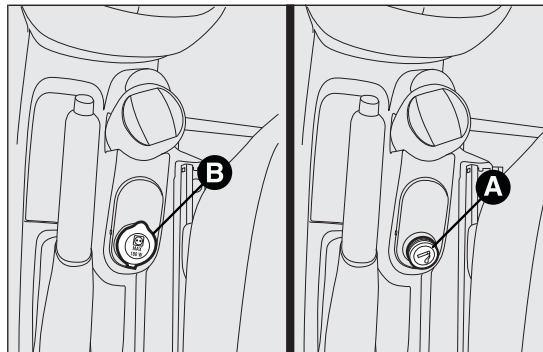


fig. 51

F0T0454

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**IMPORTANT** Always check that the cigar lighter is switched off.



### WARNING

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

### 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. 52.

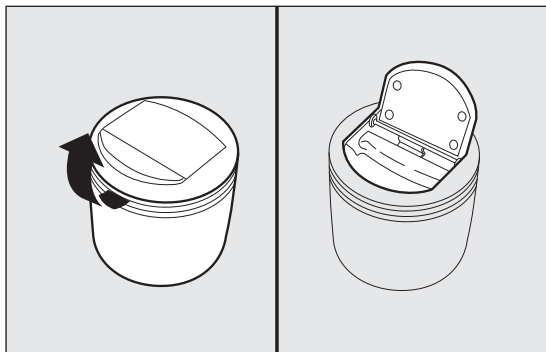


fig. 52

F0T0117



### WARNING

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

### SUN VISORS

The driver and passenger sun visors fig. 53 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.

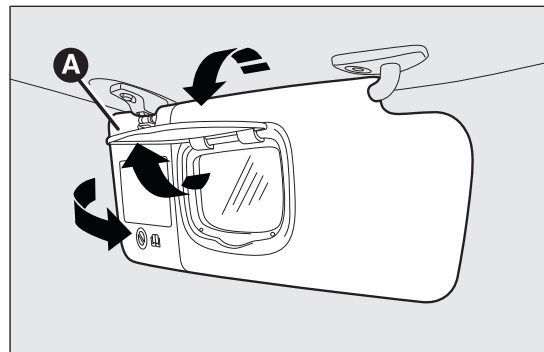


fig. 53

F0T0188

## HINGED REAR SIDE WINDOWS

(for versions/markets, where provided)

To open, proceed as follows fig. 54 fig. 55:

- ☐ move the lever A fig. 55 outwards until the window fully opens.
- ☐ push the lever back until it locks into place.

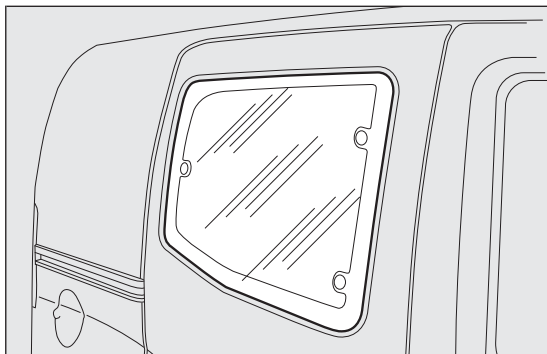


fig. 54

F0T0134

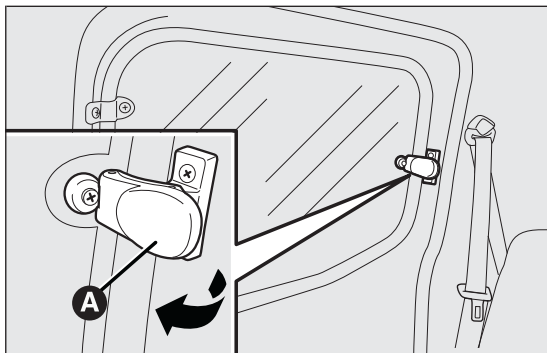


fig. 55

F0T0135

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

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## 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. 56, 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

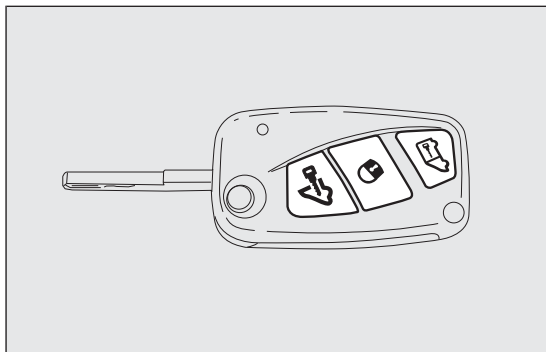


fig. 56

F0T0242

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 open fuel filler cap activated during refuelling operations.***



#### 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. 57 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. 57 towards the front of the vehicle. Turn the key with metal insert in the closing direction.

### Opening/closing from the inside

Opening: push switch A fig. 58 to unlock the door, then pull the lever A fig. 59 and slide the door towards the rear of the vehicle until it can go no further.

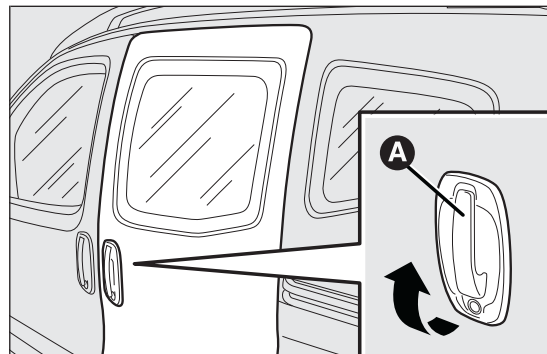


fig. 57

F0T0209

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Closing: push switch A fig. 58 to release the door and then push it towards the front of the vehicle.

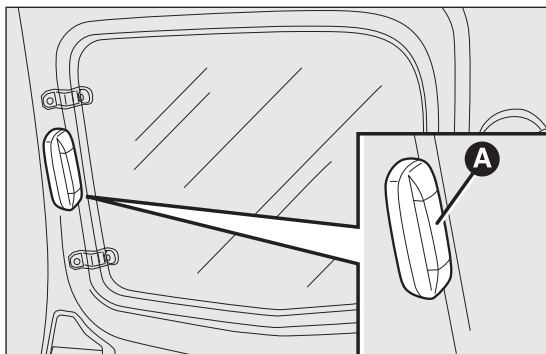


fig. 58

F0T0197

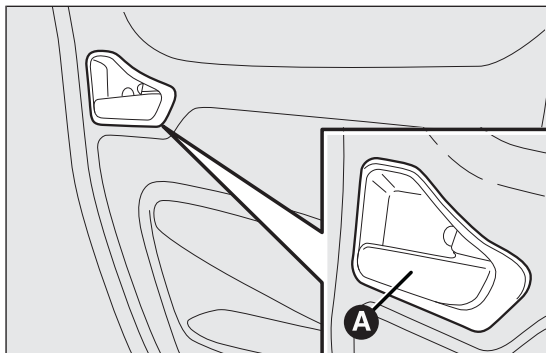


fig. 59

F0T0137

## 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. 60:

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

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



### WARNING

**Always use this device when carrying children.**

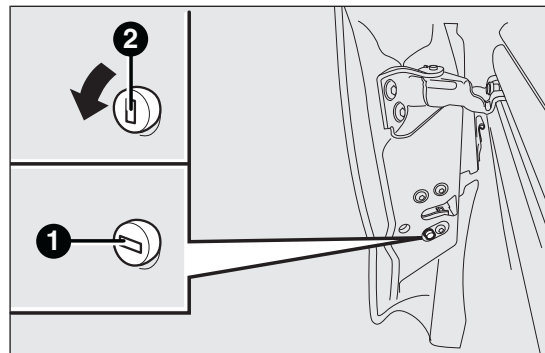


fig. 60

F0T0138

# WINDOWS

## FRONT ELECTRIC WINDOWS

(for versions/markets, where provided)

Buttons fig. 61 are located on the driver's door panel to control the following functions with the key on:

A: Opening/closing left window

B: Opening/closing right window

Push button A or B to open/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

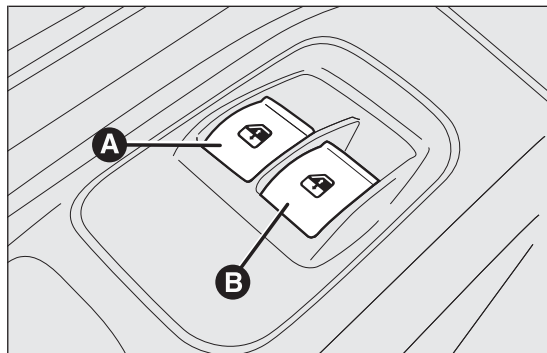


fig. 61

F0T0044

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.

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## WARNING

*Improper use of the electric windows can be dangerous. Before and during operation, always check that no-one is exposed to the risk of being injured directly by the moving window or by objects getting caught and dragged. 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.

## BOOT

### 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. 62 located under the handle.

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

To open it, activate the handle by opening one of the front doors or unlocking the doors with the remote control or using the mechanic key.

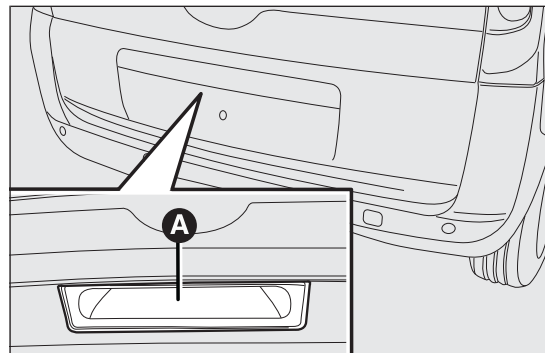


fig. 62

F0T0250

## 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. 63 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. However, the risks in case of collision increase.***

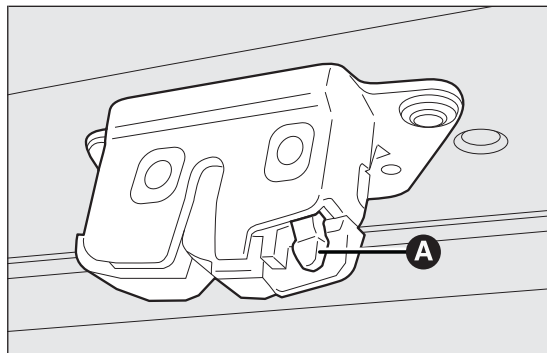


fig. 63

F0T0285



### WARNING

***Never exceed the maximum allowed load in the boot (see "Technical Specifications" section). Make sure that the objects are well arranged in the boot so that they will not be projected forwards following sudden braking.***

## DOUBLE REAR SWING DOORS

(for versions/markets, where provided)

The double rear swing doors fig. 64 are fitted with a spring-loaded system that stops them when they have opened to an angle of approximately 90 degrees.

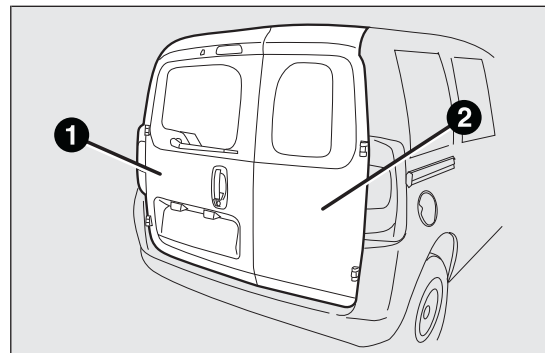


fig. 64

F0T0139

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To open them wider to an angle of 180 degrees, push the locking device A fig. 65 (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.*

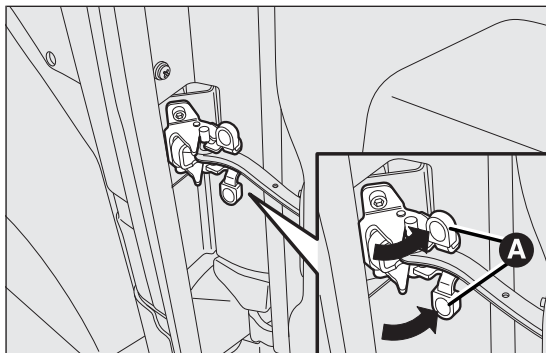




fig. 65

F0T0375

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

To open the door, turn the metallic insert of the key in the lock or press button  on the remote control and then pull handle A fig. 66 in the direction of the arrow.

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



**WARNING**

*When closing, shut the right-hand door 2 fully fig. 64 before you close the left-hand door 1 fig. 64. Never shut the two doors at the same time.*

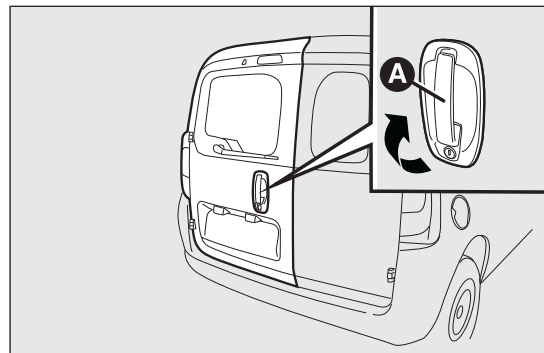


fig. 66

F0T0140

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

From inside, use device A fig. 67.

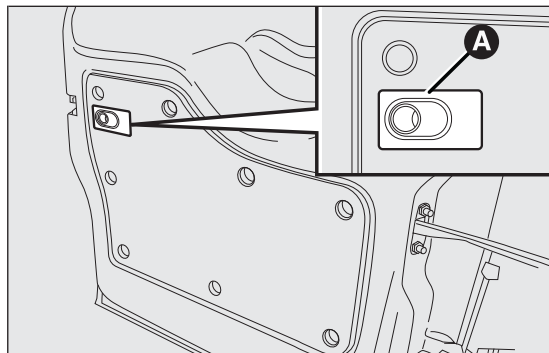


fig. 67

F0T0060

## Opening the second swing door

After having opened the first door, pull handle A fig. 68 in the direction shown by the arrow.

**IMPORTANT** Pull handle A fig. 68 in the direction of the arrow only.

## REMOVING THE PARCEL SHELF

The parcel shelf fig. 69 consists of two parts.

To remove it completely, proceed as follows:

- ☐ open the tailgate and lift the front part A fig. 69 by releasing the pin A fig. 70 from the seat F fig. 70;
- ☐ lift the rear part B fig. 69 by releasing the pins B and C fig. 70 from the seat D and E fig. 70.

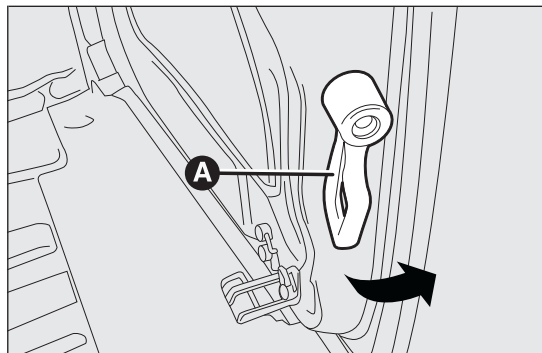


fig. 68

F0T0142

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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.

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

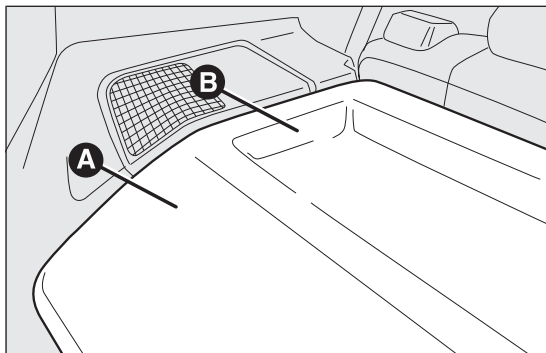


fig. 69

F0T0062

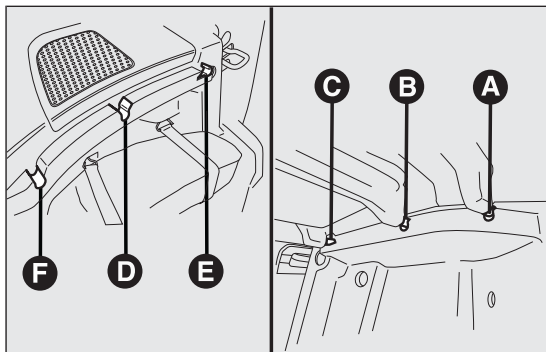


fig. 70

F0T0456



## WARNING

**You must not use the folded rear seat to carry luggage. The load could be thrown forward into the back 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 headrest;
- ☐ move the seat belt to the side, making sure that it is fully extended and not twisted;

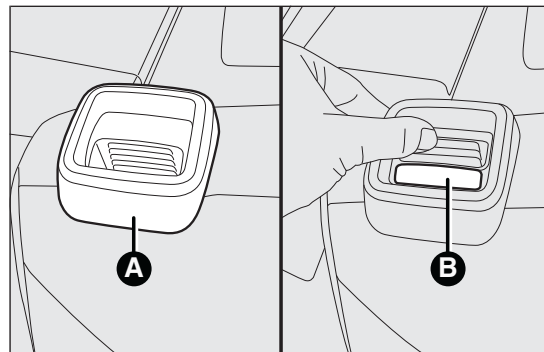


fig. 71

F0T0444

- ❑ *for versions with single rear seat:* operate backrest retainer lever A fig. 71 and fold the backrest forwards to obtain a flat loading area. When you lift the lever, you will see a red band B fig. 71.
- ❑ *for versions with split rear seat:* lift backrest retainer lever A fig. 72 and fold the backrest forwards to obtain a flat loading area. When you lift the lever, you will see a red band B fig. 72.

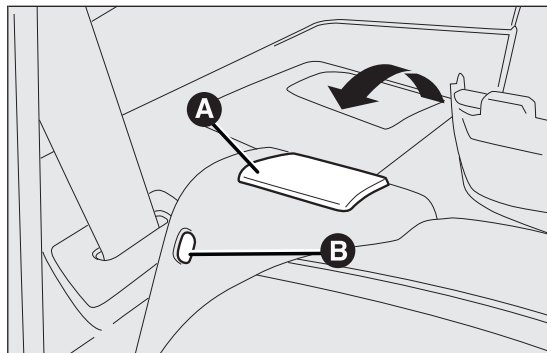


fig. 72

F0T0288

## Versions with single rear seat

To further expand the load compartment, pull tab A fig. 73 behind the rear seat backrest and fold seat and backrest forwards.

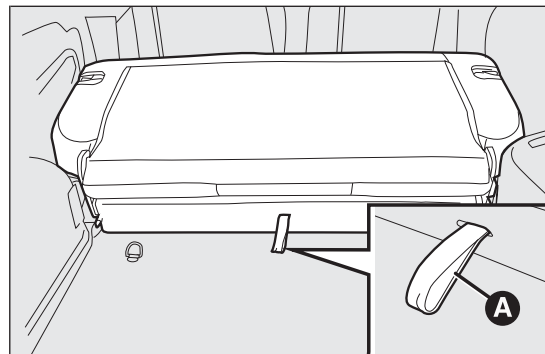


fig. 73

F0T0416

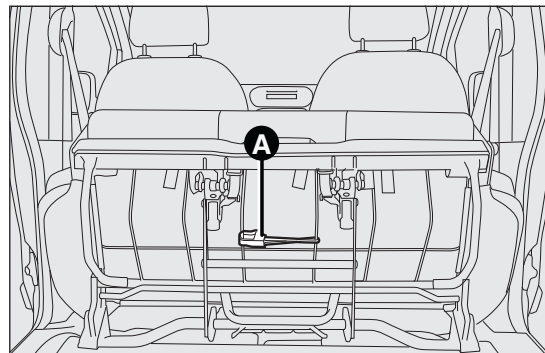


fig. 74

F0T0445

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To fix the seat, take the red straps **A** shown in fig. 74 and fix the ends of the straps in position **A** and **B** as shown in fig. 75

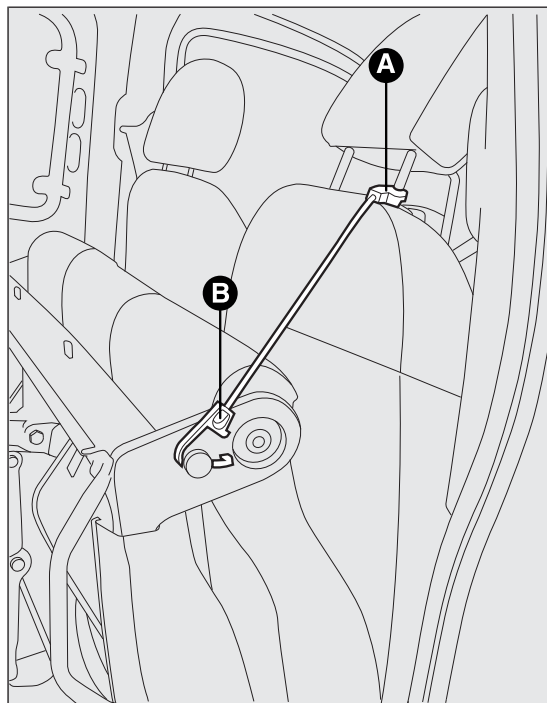


fig. 75

F0T0446

## Versions with split rear seat

To further expand the load compartment, pull tabs **A** and **B** fig. 76 behind the rear seat backrests and fold seats and backrests forwards.

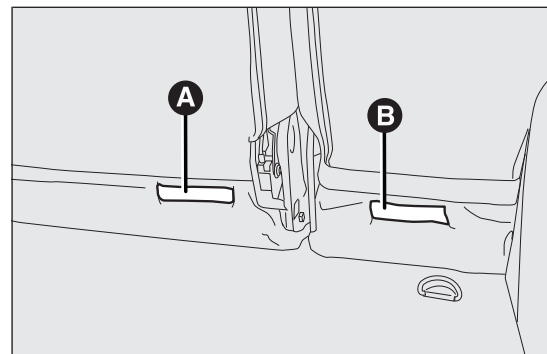


fig. 76

F0T0289

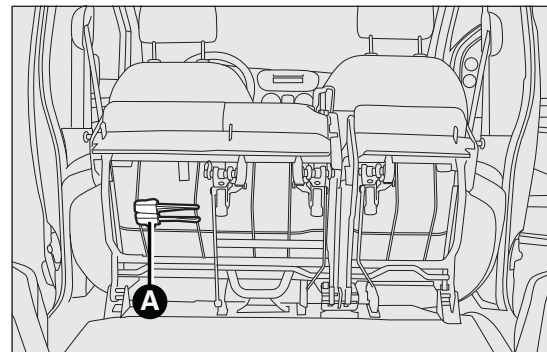


fig. 77

F0T0447

To fix the seat, take the red straps A shown in fig. 77 and fix the ends of the straps in position A and B as shown in fig. 78 for each of the two parts of the seat.

## Removing the rear seat

The rear seat can be removed to further expand the load compartment and carry large loads. After folding down the rear seat as described previously,

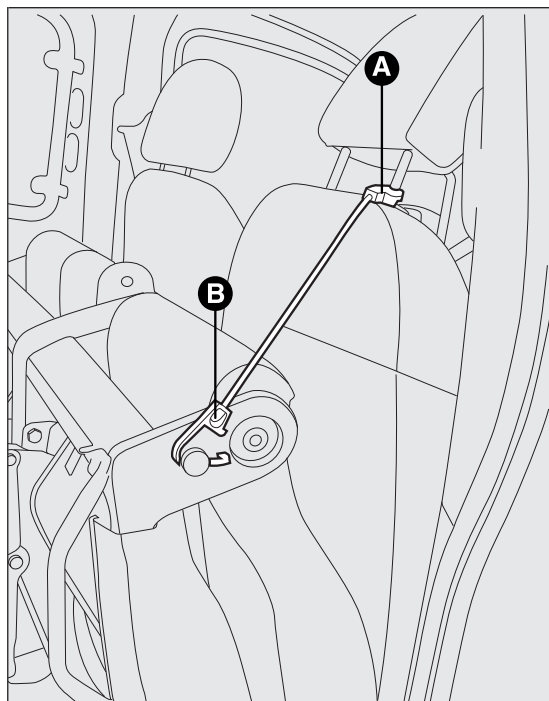


fig. 78

F0T0448

act on the two brackets A fig. 79 positioned under the side of the seat (one per side).

## 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;
- ☐ tip back the backrest and check that it is secured correctly.

An ideogram under the split seat fig. 80 indicates the method for resecuring the seat to the brackets screwed to the floor.

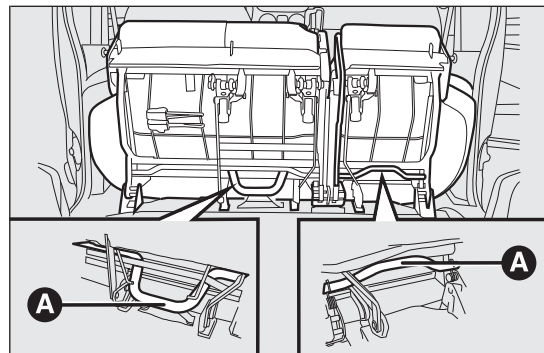


fig. 79

F0T0455

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## SECURING YOUR LOAD

Hooks (various number, according to version) are fixed to the floor fig. 81 for easy securing load.

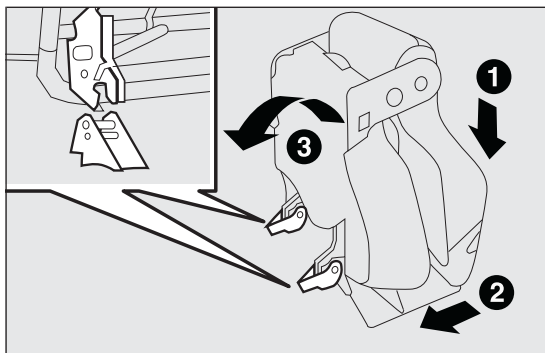


fig. 80

F0T0302

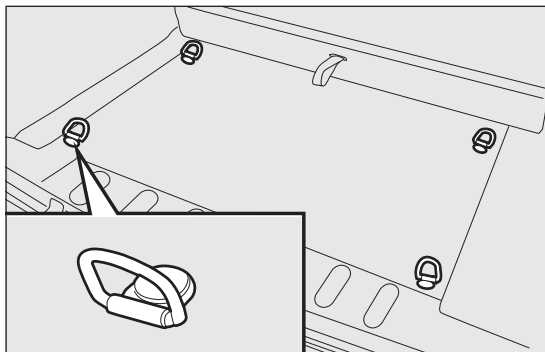


fig. 81

F0T0418

## BONNET

### OPENING

Proceed as follows:

- ☐ pull lever A fig. 82 in the direction indicated by the arrow;
- ☐ operate the lever B fig. 83 and lift the bonnet;
- ☐ lift the bonnet;
- ☐ lift the engine bonnet supporting lever A fig. 84 and move it until it clicks.

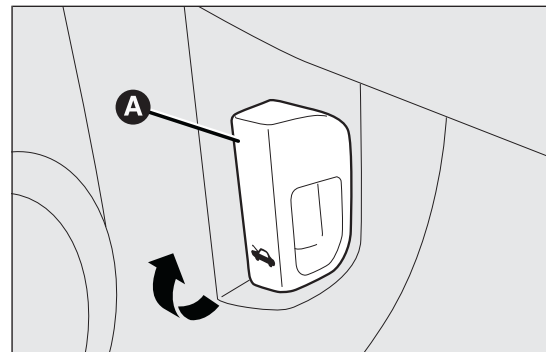


fig. 82

F0T0045



## WARNING

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

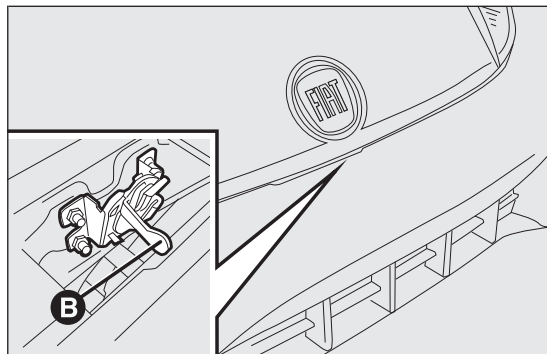


fig. 83

F0T0067

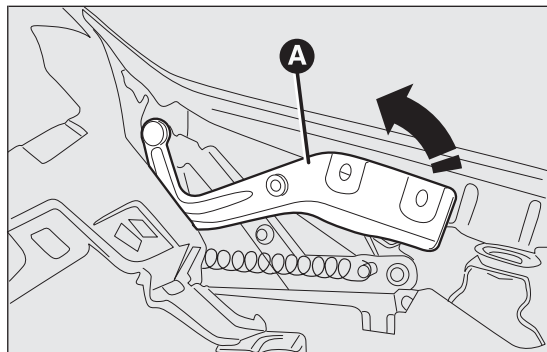


fig. 84

F0T0216

## CLOSING

Proceed as follows:

- ☐ lift the bonnet with one hand and pull the device A fig. 85 towards yourself while you are lowering the B;
- ☐ lower the bonnet to approximately 20 centimetres from the engine compartment and let it drop. Make sure that the bonnet is completely closed and not only fastened by the 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. 86).

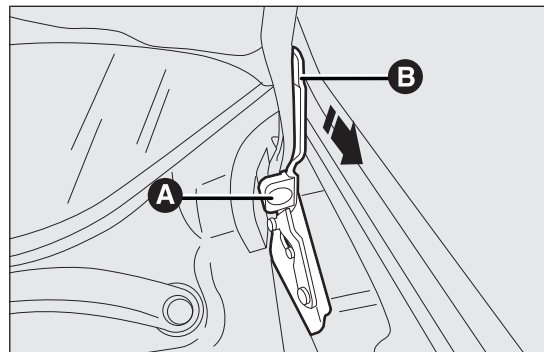


fig. 85

F0T0283

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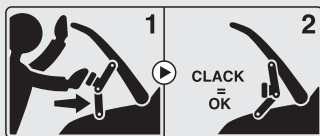
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## WARNING

*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.*



PUSH TO OPEN



PULL TO CLOSE

fig. 86

F0T0215

## ROOF RACK/SKI RACK

### FASTENERS

The fasteners are located at points A, B and C fig. 87.

### ROOF RAILS

(for versions/markets, where provided)

On some versions, the vehicle has two rails fig. 88 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.*

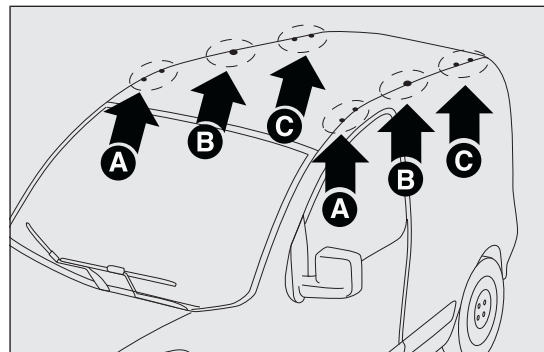


fig. 87

F0T0154



**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".**

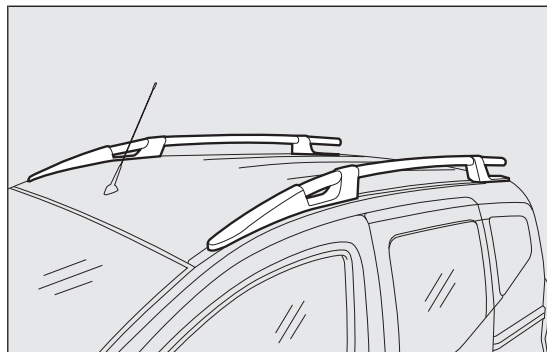


fig. 88

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.

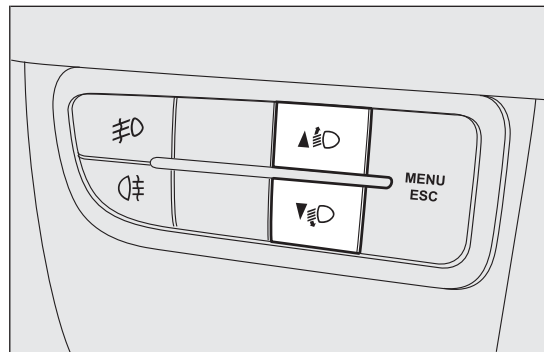


fig. 89

F0T0451

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## Adjusting headlight alignment

Press ▲ or ▼ on the control panel fig. 89.

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 adjusted to work in the country where the vehicle was originally purchased. When in countries where you drive on the other side of the road, you need to alter the beam direction by affixing a specially designed self-adhesive film in order not to dazzle the vehicles travelling in the opposite direction. Such film is provided by Lineaccessori Fiat and is available at Fiat Dealerships.

## 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.



#### 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 (ABS) 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.

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## 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.***

## BRAKE ASSIST (integrated ESP emergency braking assistance)

(for versions/markets, where provided)

This system (which is compulsory) recognises emergency braking according to the speed of operation of the brake pedal and provides additional hydraulic braking pressure to support that applied by the driver. This allows faster and more powerful operation of the braking system.

The Brake Assist is deactivated on versions equipped with ESP if there is an ESP system failure (indicated by the warning light and the message on the multifunction display, for versions/markets where provided).



### 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.***

## ESP SYSTEM (Electronic Stability Program)


(for versions/markets, where provided)

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

The ESP system is therefore particularly useful when the grip conditions of road surfaces change.

The MSR system (adjustment of the engine braking torque during gear changes) and the HBA system (automatic increase in the braking pressure during emergency braking) are present with ESP, ASR and Hill Holder systems (for versions/markets where provided).


### 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 ESP system is automatically activated when the vehicle is started and cannot be de-activated.

### Failure indications

In the event of a failure, the ESP will be automatically switched off and the  warning light will come on permanently on the instrument panel along with a message on the multifunction display (for versions/markets, where provided) (see “Warning lights and messages” section). The LED on the ASR OFF button will also light up. Contact a Fiat Dealership as soon as possible.



#### WARNING

***Do not take unnecessary risks, even if your vehicle is fitted with an ESP system. Your driving style should always take road conditions, visibility and traffic into account. The driver is always responsible for road safety.***

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## HILL HOLDER SYSTEM

(for versions/markets, where provided)

It's integral to the ESP system. It automatically activates with 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.

At pickup the ESP system control unit will keep brake force on wheels until reaching the torque suitable for starting, or in any case for max. 2 seconds in order to pass easily from the brake pedal to the accelerator pedal.

When 2 seconds have elapsed, without any departure having taken place, 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

**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 correct operation of the ESP and ASR systems, the tyres must be the same make and type on all wheels, in perfect condition and, above all, of the type, make and size recommended.***

## 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, it 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 correct operation of the ESP and ASR systems, the tyres must be the same make and type on all wheels, in perfect condition and, above all, of the type, make and size recommended.***

## MSR SYSTEM (engine drive regulation)

This is an integral part of the ASR system that, in the event of a sudden gear down shift, cuts in and provides torque to the engine thus preventing excessive drive 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 can be switched off and on again pressing button A fig. 90 located among the controls in the dashboard.

The switching off is shown by the LED in the actual switch coming 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.



### 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.***

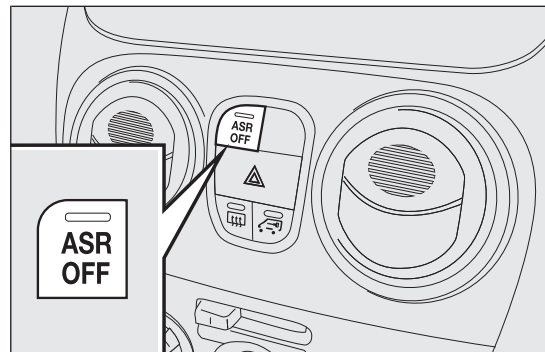


fig. 90

F0T0317

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For the correct operation of the ASR system, the tyres must absolutely be the same make and type on all wheels, in perfect condition and, above all, of the type, make and size specified.

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

## TRACTION PLUS SYSTEM

(for versions/markets, where provided)

Traction Plus is a help with driving and setting off in poor grip conditions (snow, ice, mud, etc.) which allows the drive force to be evenly distributed over the same axle when both wheels are 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 turned on manually by pressing the T+ button  fig. 91 on the dashboard and works below a level of 30 km/h. Over this speed, it is automatically deactivated (the LED on the button is still on) and it is reactivated again when the speed is below 30 km/h.

## Traction Plus operation

The system is deactivated when starting up. To activate the "Traction Plus" system, press the button (T+ fig. 91): 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.

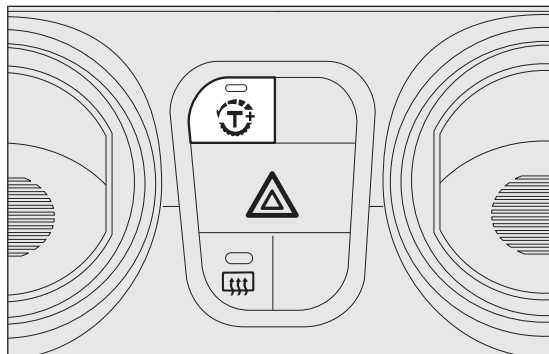


fig. 91

F0T0311

## 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.

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## 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 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.**

## PARKING SENSORS

(for versions/markets, where provided)

These are located in the rear bumper fig. 92 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.

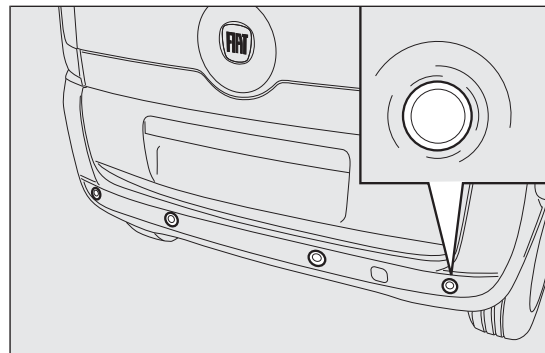


fig. 92

F0T0211

## WARNING BUZZER

Activating the reverse gear, an intermittent buzzer automatically turns on (a short beep to indicate the activation of the system).

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;
- ☐ remains constant if the distance between the vehicle and the obstacle remains unchanged.

## Detection distances

Centre operating range 120 cm

Side operating radius 60 cm

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

## FAILURE INDICATIONS

Parking sensor failures are indicated, when engaging reverse gear, by a three-second beep.



**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.

## 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.

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- ☐ 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.



### 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.***

## 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
- ☐ front speaker wires (located in wing mirror panels)
- ☐ 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
- ☐ front speaker wires (located in wing mirror panels)
- ☐ speaker wires in front door panels
- ☐ rear speaker wires (located next to parcel shelf)  
(for versions/markets, where provided)
- ☐ two tweeters in the wing mirror panels
- ☐ two midwoofers in the lower part of the front doors
- ☐ two rear speaker (located next to parcel shelf)  
(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 fig. 93 to remove the compartment.



### WARNING

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

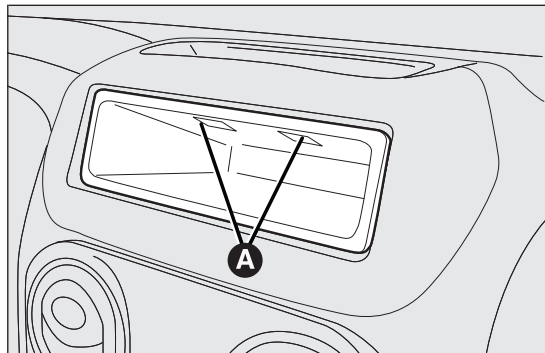


fig. 93

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.

## 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.



fig. 94

DISPOSITIVI-ELETRONICI

# REFUELLING THE VEHICLE

## 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, depending on 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 run also for a very short time, you will need to have the entire fuel feed system emptied in addition to the tank.**

### 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.

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## FUEL FILLER CAP

### Opening

1) Open the flap A fig. 95 by pulling it outwards, keep the cap B fig. 95 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. 95 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.***

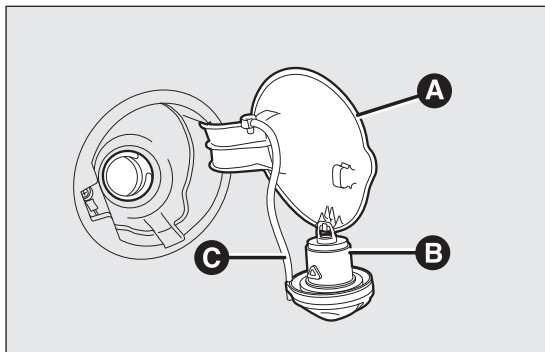


fig. 95

F0T0068

## FUEL CUT-OFF SYSTEM

This system is triggered after a collision as follows by:

- ☐ cutting off fuel supply and consequently stopping the engine
- ☐ 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 a crash, you smell fuel or notice leaks from the fuel system, do not rearm the system to avoid the risk of fire.*

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## PROTECTING THE ENVIRONMENT

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.

# SAFETY

## SEAT BELTS

### USING THE SEAT BELTS

Wear the belt keeping the torso upright and rested against the backrest.

To fasten the seat belts, hold the tongue A fig. 96 and insert it into the buckle B, until the locking click is heard.

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

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

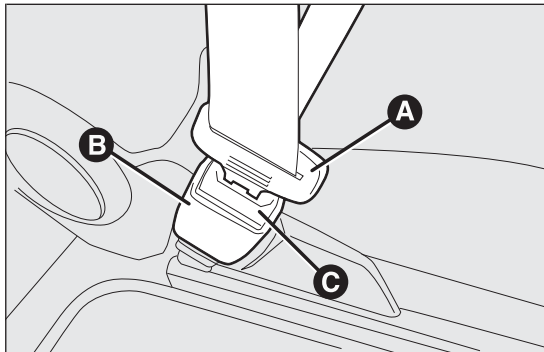


fig. 96

F0T0147



#### WARNING

**Never press button C fig. 96 when travelling.**

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

The reel 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.

All rear seats are fitted with inertia seat belts with three anchor points and a reel.



#### WARNING

**Remember that, in the event of a violent collision, back seat passengers not wearing seat belts represent a serious danger for the front seat passengers as well as for themselves.**

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The rear seat belts must be used as shown in the diagram in fig. 97 or fig. 98.

**IMPORTANT** The red band B on the levers A used for folding the seat will not appear when the backrest is correct secured. This red band indicates that the backrest is not secured.

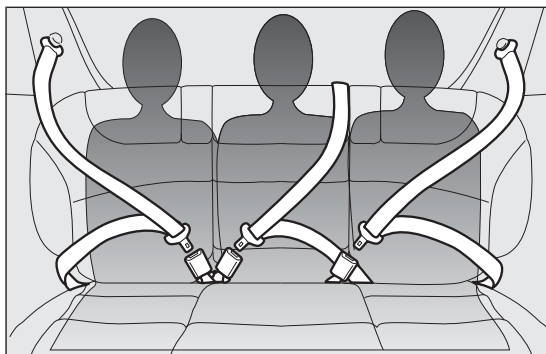


fig. 97

F0T0193

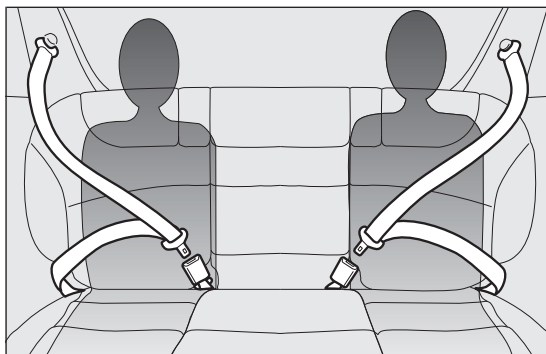


fig. 98 - NI versions (4 seats)

F0T0342

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





### WARNING

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

## SBR SYSTEM

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

- ☐ warning light  comes on and the buzzer sounds continuously for the first 6 seconds;
- ☐ warning light  blinks and intermittent activation of the beeper for the next 90 seconds.

For permanent deactivation, contact a Fiat Dealership.

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

## PRETENSIONERS

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 seat belt reel locks to indicate that the pretensioner has cut in; the seat belt cannot be drawn back up even when guided manually.

**IMPORTANT** To obtain the highest degree of protection from the action of the pretensioners, wear the seat so it fits snugly over the chest and hips.

A small amount of smoke may be produced when the pretensioners cut in. This smoke is not toxic and does not indicate a fire.

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

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**WARNING**

*The pretensioner can be used only once. Go to a Fiat Dealership to have it replaced after it has been deployed. Consult the card in the glove box to check the status of the pretensioners. Go to a Fiat Dealership to have the device replaced when the expiration date approaches.*



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

**LOAD LIMITERS**

(for versions/markets, where provided)

To increase passenger safety, 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 belt restraining action 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 passengers also respect) the local laws in force regarding the use of seat belts. Always fasten the seat belts before setting off.

Seat belts must also be worn by expectant mothers: the risk of injury in the event of an accident is greatly reduced for them and the unborn child if they are wearing a seat belt. Pregnant women must position the lower part of the belt very low down so that it passes over the hips and under the abdomen (see fig. 99).

**IMPORTANT** The belt must not be twisted. The upper part must cross the shoulder and the chest diagonally. The lower part must fit over the hips (as shown in fig. 100) rather than the abdomen of the passenger. Do not use devices (clips, etc.) to hold the seat belt away from your body.

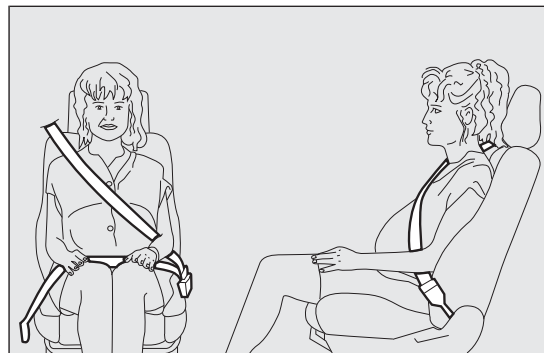


fig. 99

F0T0003



### 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 hips. Always fasten the seat belts on both the front and the rear seats! Travelling without seat belts will increase the risk of severe injury and even death in the event of an accident.***



### WARNING

***Never disassemble or tamper with the seat belt or pretensioner components. All operations must be performed by qualified and authorised personnel. Always go to a Fiat Dealership.***

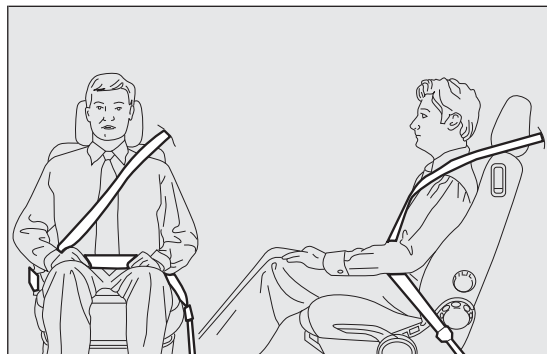


fig. 100

F0T0004



### WARNING

***If the belt has been subjected to heavy stress, for example after an accident, it should be changed completely together with the anchors, anchor fastening screws and the pretensioner. In fact, even if the belt has no visible defects, it could have lost its resilience.***



fig. 101

F0T0005

**IMPORTANT** Each seat belt must be used by only one person. Never travel with a child sitting on the passenger's lap and a single belt to protect them both fig. 101. In general, do not place any objects between the person and the belt.

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## SEAT BELTS MAINTENANCE

Observe the following precautions for correct seat belt maintenance:

- ☐ always use the belt with the tap taut and never twisted; make sure that it is free to run without impediments;
- ☐ replace the belt after an accident of a certain severity even if it does not appear damaged. Always replace the seat belt if the pretensioners were deployed;
- ☐ to clean the belt, wash by hand with water and mild soap, rinse and leave to dry in the shade. Do not use strong detergents, bleach, paints or any other chemicals which could damage the belt fibres;
- ☐ prevent the reels from getting wet: their correct operation is guaranteed only if water does not get inside;
- ☐ replace the seat belt if it shows significant signs of wear and tear.

## CARRYING CHILDREN SAFELY

For optimum protection in the event of a crash, all passengers must be seated and wearing adequate restraint systems.

This is even more important for children.

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

Compared with an adult, a child's head is larger and heavier in proportion to his/her body and the child's muscular and bone structures are not fully developed. For this reason, they require restraint systems which are different from those used by adults to protect them in the event of an accident.

The research results in relation to the best protection for children is illustrated in European Regulation ECE-R44 which divides the restraint systems into five groups in addition to making their use compulsory:

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

As you can see, the groups overlap partly and, in fact, there are devices on sale that cover more than one weight group.

All restraint devices must bear the type-approval data along with the control mark on a label firmly secured to the child seat which must never be removed.

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

Lineaccessori Fiat has child seats for each weight group. These devices are recommended, having been specifically designed for Fiat cars.



## WARNING

**DANGER: Do not put cradle seats facing backwards on the front seat if the front passenger air bag is enabled.**

**Deployment of the air bag in an accident could cause fatal injuries to the child. It is advisable to carry children on the rear seat, which is the most protected position in the event of an accident. Child seats must not be fitted on the front seat of vehicles with a passenger air bag; their deployment in an accident, however serious, could cause fatal injuries to the child. If necessary, children can travel in the front seat, if the front passenger air bag can be disabled. In this case, check that the air bag is actually deactivated by making sure the “warning light appears on the instrument panel (see “Front passenger air bag” in the “Front air bags” section). Also, the passenger seat should be as far back as possible to avoid contact between the child seat and the dashboard.**

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**GROUPS 0 and 0+**

Babies up to 13 kg must be carried facing backwards on a cradle seat, which, by supporting the head, does not induce stress on the neck in the event of sharp deceleration.

The cradle is restrained by the vehicle seat belts, as shown in fig. 102 and, in turn, it must restrain the child with its own belts.

**GROUP I**

Children from 9 kg to 18 kg in weight can be carried facing forwards if the child seat is fitted with a front cushion, through which the car seat belt restrains both child and seat fig. 103.



fig. 102

F0T0006

**WARNING**

*The diagrams are indicative and provided for assembly purposes only. For assembly, refer to the instructions supplied with the child seat by law.*

**WARNING**

*Some child restraint systems for weight groups 0 and I have a rear attachment to the car seat belts and their own seat belts for securing the child. Due to their weight, they may be dangerous if incorrectly mounted (e.g. if fastened to the vehicle seat belts placing a cushion in between). Follow the assembly instructions carefully.*

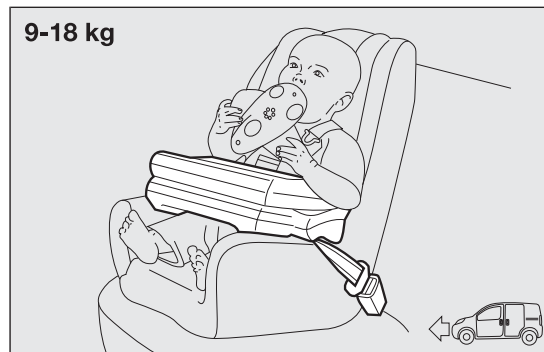


fig. 103

F0T0007

## GROUP 2

Children from 15 to 25 kg can be secured using the car seat belts directly fig. 104.

The child seat is needed only to position the child correctly with respect to the belts so that the diagonal section crosses the child's chest and never the neck, and the lower part is snug on the hips not the abdomen.



### WARNING

*The diagrams are indicative and provided for assembly purposes only. For assembly, refer to the instructions supplied with the child seat by law.*

15-25 kg

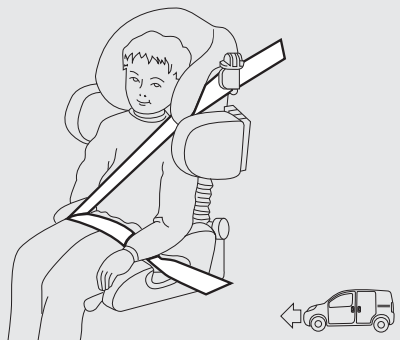


fig. 104

F0T0008

## GROUP 3

For children from 22 kg to 36 kg, the size of the child's chest no longer requires a support to distance the child's back from the back of the seat.

The figure fig. 105 shows proper child seat positioning on the rear seat.

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



### WARNING

*The diagrams are indicative and provided for assembly purposes only. For assembly, refer to the instructions supplied with the child seat by law.*

22-36 kg

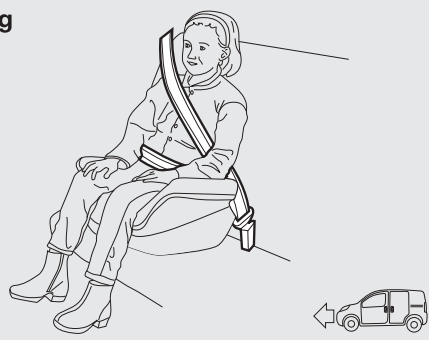


fig. 105

F0T0009

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## SUITABILITY OF PASSENGER SEATS FOR CHILD SEAT USE

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

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

U suitable for “Universal” child seats, according to European standard ECE-R44 for the specified “Groups”.

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

- ☐ Install the child seats on the rear seat, which is the most protected position in the event of an accident.
- ☐ If the passenger's air bag is deactivated, always check the amber warning light  on the instrument panel to make sure that it has actually been deactivated.
- ☐ Carefully follow the instructions that came with the child seat, which the manufacturer must supply by law. Keep the instructions in the vehicle along with the other papers and this handbook. Do not use child seats without instructions.
- ☐ Always check the seat belt is well fastened by pulling on it.
- ☐ Only one child is to be strapped into each seat; never carry two children using one child seat.
- ☐ Always check the seat belts do not rest on the child's neck.
- ☐ While travelling, do not let the child sit incorrectly or release the belts.
- ☐ Never carry children on your lap, even newborns. No-one can hold a child in the event of an accident.
- ☐ In the event of an accident, replace the child seat with a new one.



**WARNING**

***Do not arrange child seats on the front seat in cars fitted with passenger's air bag. Children must never travel on the front seat.***

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## ISOFIX CHILD SEAT ASSEMBLY SETUP

(for versions/markets, where provided)

Provisions are made on some versions of the vehicle to fit Universal Isofix child seats. Isofix is a new European standardised system for carrying children safely.



fig. 106

F0T0010

Isofix systems can be fitted alongside traditional child seats.

fig. 106 displays an example of a child seat.

The Universal Isofix child seat covers weight group I. Specific Isofix systems are provided for the other weight groups and may be used only if specifically designed, tested and approved for use on this vehicle (see list attached to the child seat).

Due to its different attachment system, the child seat must be secured using the dedicated lower metal rings A fig. 107, located between the rear cushion and backrest. After removing the parcel shelf, secure the upper belt (provided with the child seat) to the dedicated ring B fig. 108 (one per side) located behind the rear seat backrest.

Remember that in the case of Universal Isofix child seats, you can use all seats approved with the marking ECE R44/03 "Universal Isofix".

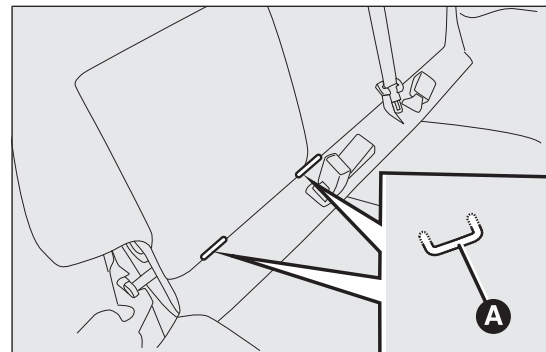


fig. 107

F0T0145

The Universal Isofix child seat "Duo Plus" is available from Lineaccessori Fiat.

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



## WARNING

***Fit the child seat only when the vehicle is stationary. The child seat is correctly anchored to the brackets when you hear it click into place. Follow the instructions for positioning, fitting and removing which the child seat manufacturer must supply together with the seat.***

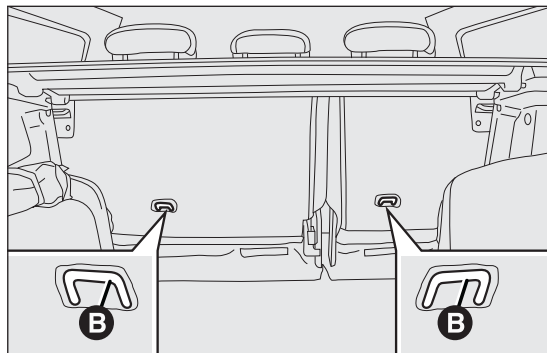


fig. 108

F0T0284

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## PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON UNIVERSAL ISOFIX CHILD SEAT USE

The table below shows the different installation possibilities for Universal Isofix child seats on the seats fitted with Isofix attachments, in accordance with European regulation ECE 16.

Weight group	Seat arrangement	Isofix position class	Isofix rear side position
Group 0 (up to 10 kg)	Facing backwards	E	IL
Group 0+ (up to 13 kg)	Facing backwards	E	IL
	Facing backwards	D	IL
	Facing backwards	C	IL (*)
Group I (from 9 to 18 kg)	Facing backwards	D	IL
	Facing backwards	C	IL (*)
	Facing forwards	B	IUF
	Facing forwards	BI	IUF
	Facing forwards	A	IUF

IL Suitable for specific Isofix-type child seat systems approved for this type of vehicle. The seat can be installed by moving the front seat forward.

(\*) The Isofix child seat can be installed by moving the front seat all the way up.

IUF Suitable for Isofix child seat systems to be set facing forwards, universal class (fitted with third upper mounting), approved for the respective weight group.

## 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.

Non-activation in other types of crash (side-on collisions, rear shunts, roll-overs, etc.) is therefore not a sign of system malfunction.

An electronic control unit causes the bag to inflate, if necessary, in the event of a head-on crash.

The bag will inflate instantaneously, placing itself between the front occupant's 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 opening. The protection offered by the bag is reduced in such a case.

Front airbags may not be activated in the following situations:

- ☐ head-on impacts against highly deformable objects that do not affect the front surface of the vehicle (e.g. front wing hitting a guard rail);
  - ☐ vehicle getting wedged under other vehicles or protective barriers (e.g. trucks or guard rails);
- they could not provide any additional protection compared with seat belts, so their activation would not be worthwhile. In these cases, non-deployment of the airbag does not necessarily 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. Do not place objects (e.g. mobile phones) on the passenger side dashboard because these could interfere with the correct opening of the airbag and cause severe injury to occupants.***

The front driver and passenger airbags are designed and calibrated to best protect front-seat passengers wearing seat belts. The volume of the front airbags at maximum inflation 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 small head-on collisions (for which the withholding action of the seat belts is sufficient). Seat belts must always

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be worn. In the event of head-on collisions, they ensure the correct positioning of the occupant.

## FRONT AIRBAG DRIVER'S SIDE

This consists of an instant-inflating bag contained in a special compartment in the centre of the steering wheel fig. 109.

## FRONT AIRBAG PASSENGER'S SIDE

(for versions/markets, where provided)

This consists of an instantly inflating bag contained in a special compartment in the dashboard: this bag has a larger volume than the driver's. fig. 110

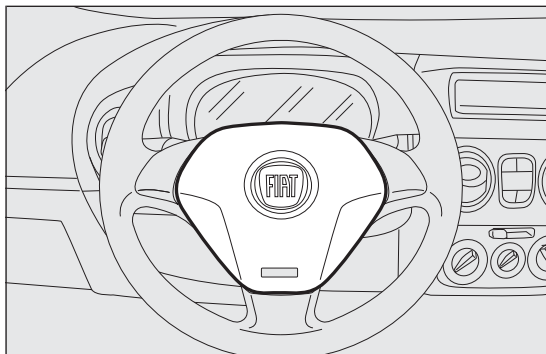


fig. 109

F0T0052



## WARNING

**SEVERE DANGER:** Do not put cradle seats facing backwards on the front seat if the front passenger airbag is enabled. Deployment of the airbag in an accident could cause fatal injuries to the child. Always deactivate the passenger airbag when placing a child seat on the front seat. Also, the passenger seat should be as far back as possible to avoid contact between the child seat and the dashboard. Although this is not mandatory by law, the airbag should be immediately reactivated when children are no longer carried to ensure better protection for adults.

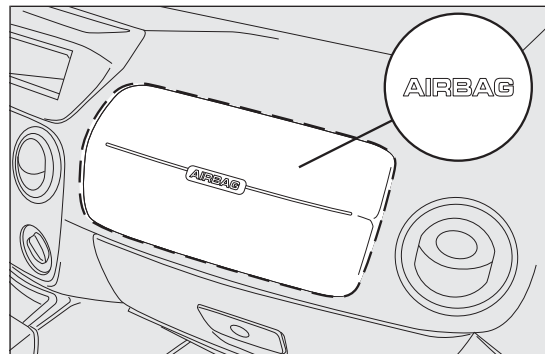



fig. 110

F0T0033

## MANUAL DEACTIVATION OF PASSENGER'S FRONT AIRBAG AND SIDE BAG

(for versions/markets, where provided)

Whenever a child needs to be carried on the front seat, the passenger's front airbag and side bags (for versions/markets where provided) can be deactivated.

The warning light  on the instrument panel stays on until the passenger's front airbag and side bags (for versions/markets where provided) are reactivated.

**IMPORTANT** Refer to "Digital display" and "Multifunction display" in the "Know your vehicle" section to manually deactivate the passenger's front airbag and side bags (for versions/markets, where provided).

## 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 (head-on collisions, rear shunts, roll-overs, etc...) is not an indication of 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.

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## SIDE BAGS

(for versions/markets, where provided)

This consists of an instant inflating bag housed in the front seat backrest fig. III. It protects the chest and the pelvis of the passengers in the event of a side impact 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).

## GENERAL WARNINGS

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

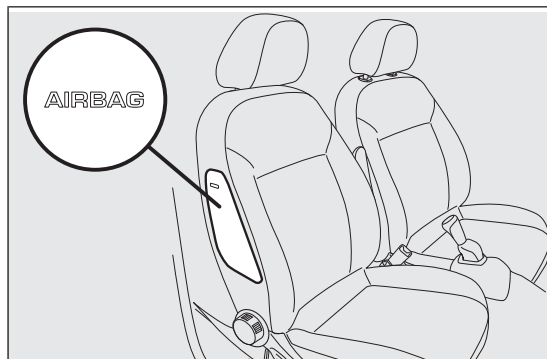


fig. III

F0T0180

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 air bags 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. Non-deployment of one of these devices does not therefore indicate a system fault.



### WARNING

There may be a fault in the retaining systems if the warning light  does not light up when the key is turned on or remains on while travelling (on some versions with a message on the display). In this case, the airbags or the pretensioners may not be activated in the case of an accident or (more seldom) they may be activated incorrectly. Contact a Fiat Dealership immediately to have the system checked.



### WARNING

The expiration dates of the explosive charge and the clock wire are shown on a label contained in the glove box. Go to a Fiat Dealership to have the devices replaced when the expiration date approaches.



### 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

Airbags may be deployed if another vehicle crashes into yours if the key is inserted and on, even if the engine is not running and your vehicle is standing. For this reason, children must never sit on the front seat, even if when standing. On the other hand, if the key is inserted and at STOP, none of the safety devices (airbag or pretensioners) will be deployed in a collision. Non-deployment of the devices in this case does not indicate a system fault.




### 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 passenger's front airbag activated) comes on and flashes for a few seconds to remind you that the passenger's airbag will be deployed in a crash, after which it should go off.

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# **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**

***Airbags do not replace seat belts, but increase their efficiency. Furthermore, since front airbags are not deployed in low-speed head-on collisions, side-on impacts, rear-end shunts or roll-overs, the passengers are protected only by the seat belts which must therefore be fastened at all times.***

# 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 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.

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**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.




**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 driving 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. 112 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:

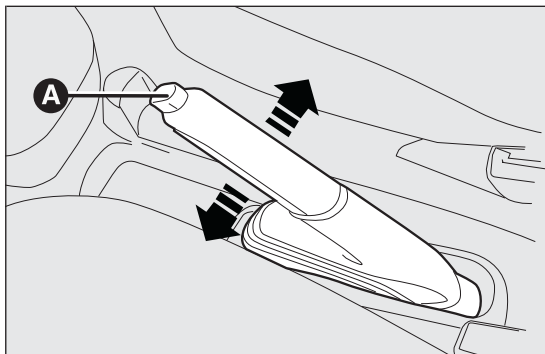


fig. 112

F0T0043

☐ slightly lift the handbrake and press release button A fig. 112;

☐ 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 (1<sup>st</sup> 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

A Fiat Dealership will be happy to provide advice concerning the most suitable type of tyre for your 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 their specific features, the performance of snow tyres is much lower than that of standard tyres in normal conditions or on long motorway stretches. You should therefore use them only in the conditions for which they were designed.

**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. 113 into one of the required positions (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.**

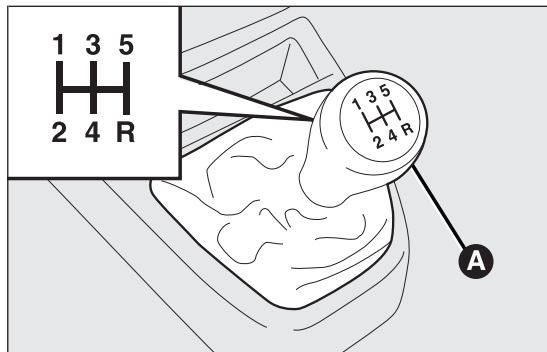


fig. 113

F0T0055



**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

Here are some useful tips to save fuel and minimise harmful emissions of CO<sub>2</sub> and other pollutants (nitric oxides, unburnt hydrocarbons, fine dusts etc.).

### GENERAL CONSIDERATIONS

General conditions which influence fuel consumption are shown 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

Use electrical devices only for the amount of time needed. The heated rear window, auxiliary headlights, windscreen wipers and fan heater use up a considerable amount of current, causing increased fuel consumption (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 affecting fuel consumption are shown 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 considerably increases as speed increases. Keep your speed as even as possible, avoiding unnecessary braking and acceleration, which cause excessive fuel consumption and increased 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.

### Traffic hold-ups

During prolonged hold-ups (e.g. at level crossings) the engine should be switched off.

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## 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.***

## 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.

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# 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.

Press MENU ESC to stop the warning cycle in both cases. Instrument panel warning light (or the symbol on the display) 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.

**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

*Failure of warning light  is indicated by warning light  blinking for longer than the normal 4 seconds indicating that the front passenger air bag is off. In addition, the air bag system automatically disables the air bags on the passenger's side (both front and side air bags, for versions/markets, where provided). In this case, the warning light  may not indicate a fault in the system. Contact a Fiat Dealership immediately to have the system checked.*



## PASSENGER/SIDE AIR BAGS OFF (amber)

The warning light  comes on when the front passenger air bag and the side bag (for versions/markets where provided) are deactivated.

With the front passenger air bags enabled, when the ignition key is turned to MAR, the warning light  will come on steadily for about four seconds, blink for another four seconds and then should go out.

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**WARNING**

**Failure of the warning light  is indicated by warning light . In addition, the air bag system automatically disables the passenger air bags (both front and side air bags, for versions/markets, where provided). Contact a Fiat Dealership immediately to have the system checked.**

**OVERHEATED ENGINE COOLANT (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 comes on, proceed as follows:

- ☐ When travelling normally: stop the vehicle, stop the engine and check that the coolant level in the vessel is not under the MIN line. If it is, wait for a few minutes to allow the engine to cool down, then slowly and carefully open the vessel cap. Top up with coolant fluid making sure that the liquid level is included between the MIN and MAX lines on the vessel. Also check for leaks. Go to a Fiat Dealership if the warning light comes

on again when the engine is next started.

- ☐ 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.



### 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)

Simultaneous lighting of warning lights (!) and (ABS) with the engine running indicates an EBD system fault or that the system is not available. 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 immediately.

A specific message is displayed on certain versions.



### ESP/TRACTION PLUS SYSTEM FAULT (amber)

When the ignition key is turned to MAR, the warning light turns on but should go off after a few seconds.

If the warning light does not go off, or stays on together with the LED on the ASR OFF button when travelling, contact a Fiat Dealership.

A specific message is displayed on certain versions.

**Note** Flashing of the warning light while driving indicates the action of the ESP system.



### LOW ENGINE OIL PRESSURE (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.

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.

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**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.*

**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 (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.



**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.**



## 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.

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.

A specific message will appear on the display when the warning light comes on (for versions/markets, where provided).

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**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.***

**FUEL RESERVE (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 about 6 to 7 litres of fuel are left in the tank.

**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.

**GLOW PLUG PREHEATING/GLOW PLUG FAULT (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 (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.***






## **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.

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**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.

**EXTERIOR LIGHTS FAULT (amber)**

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.

On certain versions warning light  comes on instead.

A specific message is displayed on certain versions.

**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**

(for versions/markets, where provided)

See exterior lights warning light section.

**Fuel cut-off switch tripped**

The warning light comes on when the fuel cut-off switch is triggered.

The display will show a dedicated message.

**Parking sensor failure**

(for versions/markets, where provided)

See parking sensor warning light section.



### **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.



### **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.

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**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.

**ASR SYSTEM (versions with multifunction display)**

The ASR system can be turned off by pressing the button ASR OFF.


A dedicated message appears on the display to inform the driver that the system has been deactivated. The LED in the button will light up at the same time.

When you press ASR OFF again, the button LED will turn off and the display will show a specific message to inform you that the system is on again.

# IN AN EMERGENCY

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](http://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 engine fig. 114:

- ☐ 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.**

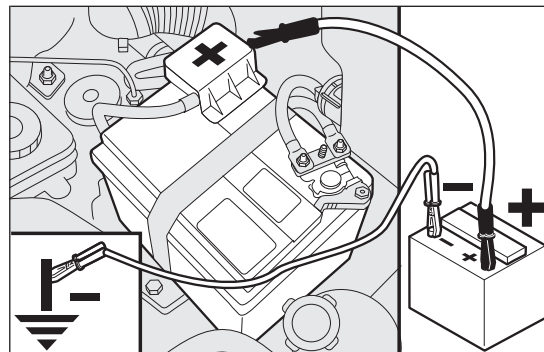


fig. 114

F0T0189

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**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 TYRE**

The vehicle is originally equipped with the Fix&Go automatic quick tyre repair kit (see instructions in the next chapter). As an alternative, the vehicle may have a normal-sized spare wheel.

Changing the wheel and correct use of the jack and spare wheel require some precautions, which are listed below.

**WARNING**

***The spare wheel (for versions/markets, where provided) is specific 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 kept to the minimum necessary.***



### WARNING

**Use your hazard lights, warning triangle, etc. to show that your vehicle is stationary according to the regulations in force. 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 standard wheel repaired and refitted as soon as possible. Do not apply grease to the bolt threads before fitting: they could unscrew themselves.**



### 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 raised 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 car is moving. Never tamper with the inflation valve. Never introduce tools of any kind between rim and tyre. Check tyre and spare wheel pressures regularly, complying with the values given in the "Technical specifications" chapter.**

Important notes:

- ☐ the jack weighs 1.76 kg;
- ☐ the jack requires no adjustment;
- ☐ the jack cannot be repaired; if it breaks, it must be replaced with a new one of the same type;
- ☐ no tool other than the cranking handle may be fitted on the jack.

To change a wheel proceed as follows:

- ☐ stop the vehicle in a position where it is not a danger for other traffic and where you can replace the wheel safely. The ground should be flat and solid;
- ☐ stop the engine off and pull up the handbrake;
- ☐ engage first gear or reverse;
- ☐ wear the reflective safety jacket (compulsory by law) before getting out of the vehicle;

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- ☐ indicate that the vehicle is parked up by using the devices required by law in the country in which you are travelling (e.g. warning triangle, hazard lights etc.);
- ☐ open the tailgate, take the tool bag fig. 115 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. 116:

**A** jack handle;  
**B** jack;  
**C** wheel wrench;  
**D** tow hook;  
**E** tool bag elastic strap;  
**F** fuse extracting pliers;  
**G** screwdriver.

The tool bag contains some spare fuses.

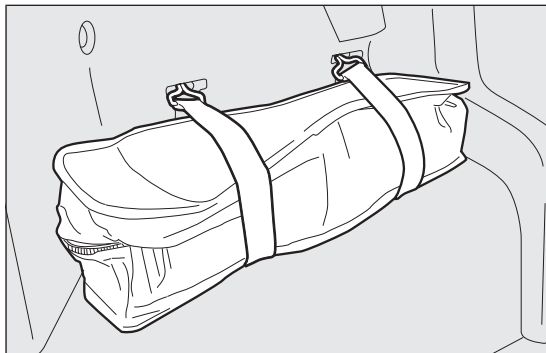


fig. 115

F0T0206

- ☐ Take the wrench **C** fig. 116 and from inside the boot loose the spare wheel fastening bolt **A** fig. 117 to let it down. To reduce the effort, insert screwdriver **G** fig. 116 in the seat in the wrench **C**;
- ☐ use the wrench **C** fig. 116 to remove the wheel from the vehicle fig. 118;

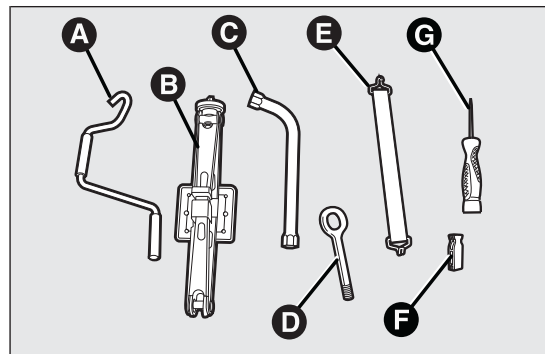


fig. 116

F0T0281

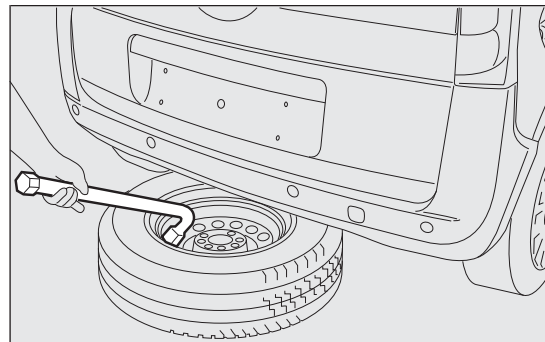


fig. 118

F0T0419

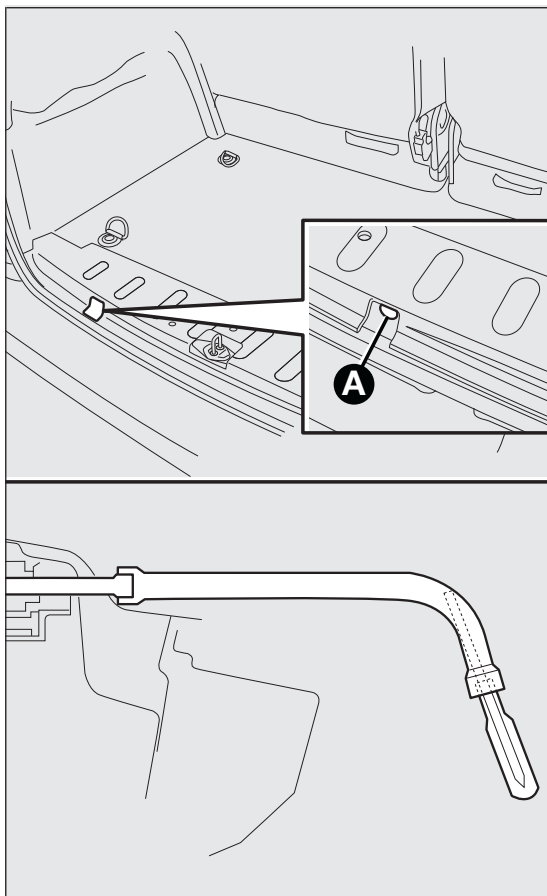


fig. 117

F0T0292

- ☐ remove the cap B fig. 119 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 Cfig. 116;
- ☐ for wheels with steel rims, remove the wheel cap;
- ☐ turn the jack to open it partially fig. 120 and then position it under the vehicle at the references A fig. 121 near the wheel to be replaced;
- ☐ turn the jack to open it until the groove A fig. 122 of the jack is correctly inserted in the lower 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.

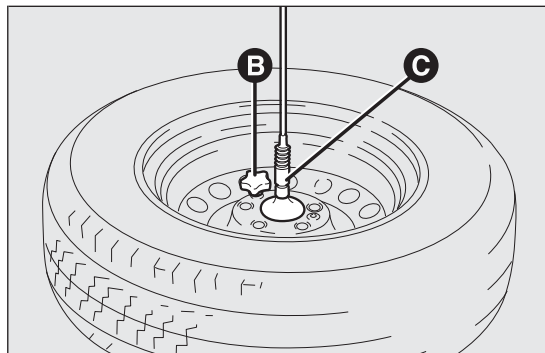


fig. 119

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- 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, so do not touch them. If you become soiled with the

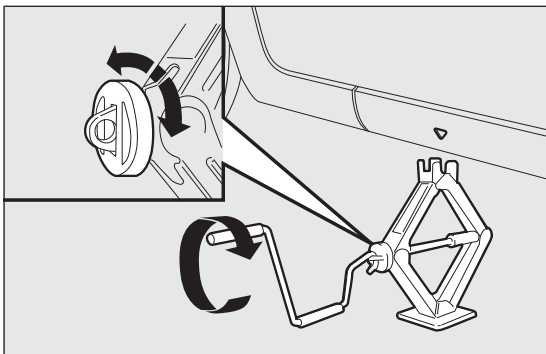


fig. 120

F0T0124

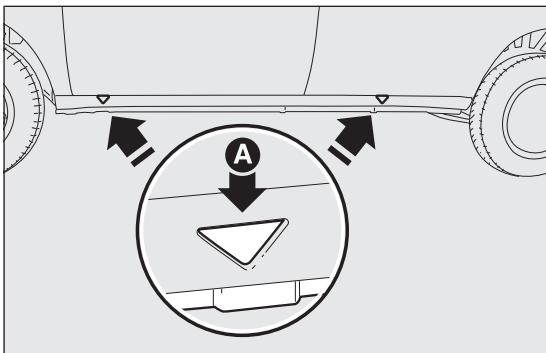



fig. 121

F0T0125

- lubricating grease, wash it off thoroughly;
- fully loosen the 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. 123 into the hole closest to the inflation valve A;
- fit the hub cap, making sure that the symbol  (on the cap) aligns with the inflation valve, and then insert the other three bolts;
- tighten the bolts using the wrench provided;
- for vehicles with alloy rim, fit the hub cap;
- turn the jack handle to lower the vehicle, and remove the jack;

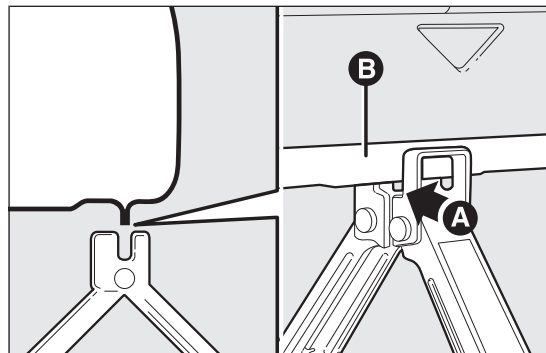


fig. 122

F0T0126

- ❑ use the wrench provided to fasten the bolts completely in a criss-cross fashion as shown in fig. 124.

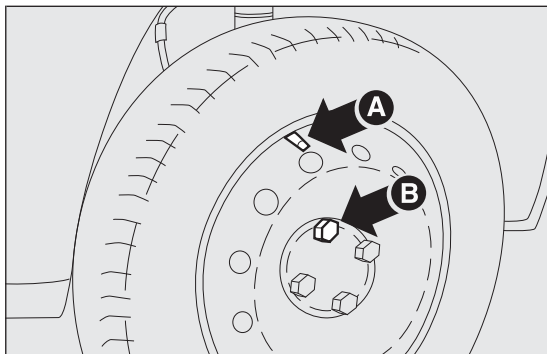


fig. 123

F0T0282

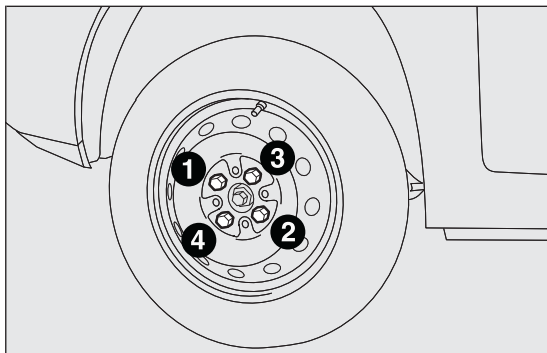


fig. 124

F0T0128

## When you have finished

- ❑ 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. 125;
- ❑ 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. 117;
- ❑ put jack and tools back in the specific tool bag;
- ❑ reposition the tool bag in the boot;
- ❑ secure the tool box to the hooks.

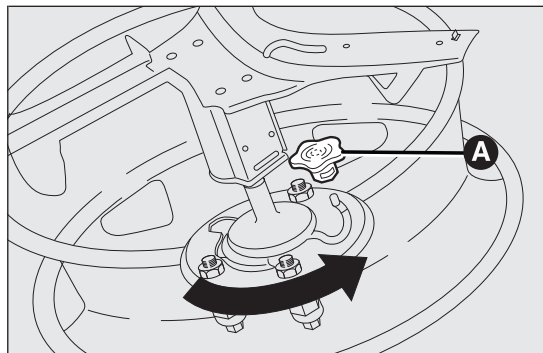


fig. 125

F0T0170

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## FIX & GO AUTOMATIC QUICK TYRE REPAIR KIT

The Fix&Go Automatic quick tyre repair kit is located in a special container in the boot.

The quick tyre repair kit contains fig. 126:

- ☐ a canister A containing liquid sealant, provided with filling tube B and adhesive label C with the wording "max. 80 km/h" to be affixed in a position clearly visible to the driver (on the dashboard) after repairing the tyre;
- ☐ compressor D including gauge and connections in the compartment;
- ☐ instruction booklet (see fig. 127), to be used for prompt and proper use of the quick repair kit and to be then handed to the personnel charged with handling the treated tyre;

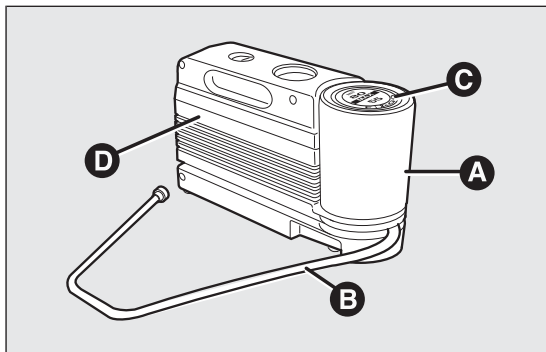


fig. 126

F0T0129

- ☐ a pair of protective gloves located in the side compartment of the compressor;
- ☐ adapters for inflating different elements.

The Fix & Go container also contains some spare fuses.



### WARNING

**Give the instruction booklet to the personnel charged with handling the treated tyre.**



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

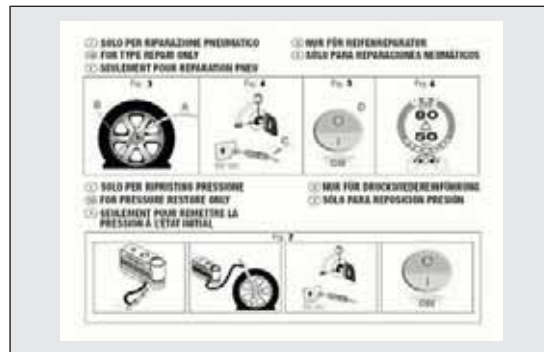


fig. 127

F0T0130



### WARNING

*It is not possible to repair damage to the tyre sidewall. Do not use the quick repair kit if the tyre was damaged by running on a flat.*



### WARNING

*Repair is not possible if the wheel rim is damaged (groove is deformed, causing air to escape). Do not remove foreign bodies (screws or nails) from the tyre.*

### IMPORTANT INFORMATION:

The sealing fluid of the quick tyre repair kit is effective at external temperatures of between -20°C and +50°C.



### WARNING

*Do not operate the compressor for longer than 20 minutes at a time. Risk of overheating. The quick repair kit is not suitable for definitive repairs, so the tyres repaired may be used only temporarily.*



*Dispose of the cylinder and the sealant properly. Dispose according to the national and local laws in force.*



### WARNING

*The cylinder contains ethyl glycol. It contains latex, which may cause an allergic reaction. Harmful if swallowed. Eye irritant. There could be a reaction in the event of inhalation or contact. Avoid contact with the eyes, skin and clothes. In the event of contact, rinse immediately with plenty of water. Do not induce vomiting if swallowed. Rinse your mouth out and drink plenty of water. Call a doctor immediately. Keep out of the reach of children. The product must not be used by asthmatics. Do not breathe in the vapours during insertion and suction. Call a doctor immediately if allergic reactions are noted. Store the cylinder in its special compartment, away from sources of heat. The sealant has an expiry date. Replace the cylinder containing the sealant after the expiry date.*

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## INFLATION PROCEDURE



### WARNING

**Put on the safety gloves provided together with the quick tyre repair kit.**

- ❑ Apply the handbrake. Unscrew the tyre valve cap, take out the flexible filler pipe A fig. 128 and tighten the ring nut B on the tyre valve;
- ❑ make sure that switch E fig. 130 of the compressor is at 0 (off), start the engine, insert plug D fig. 129 in the cigar lighter socket and turn the compressor on by setting switch E fig. 130 to I (on). Inflate the tyre to the pressure specified in the "Cold tyre pressures" paragraph in the "Technical specifications" section. For a more accurate reading, check pressure gauge F fig. 130 with the compressor off;

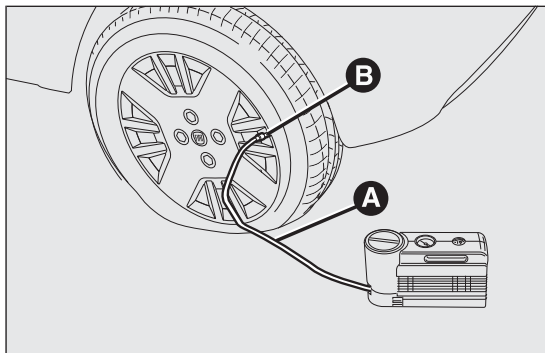


fig. 128

F0T0190

- ❑ if after 5 minutes it is still impossible to reach at least 1.5 bar, disengage compressor from valve and unplug it from the socket, then move the car forth for approx. ten metres in order to distribute the sealing fluid inside the tyre evenly, then repeat the inflation operation;

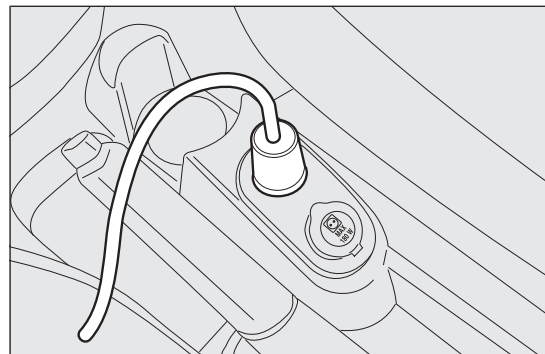


fig. 129

F0T0133

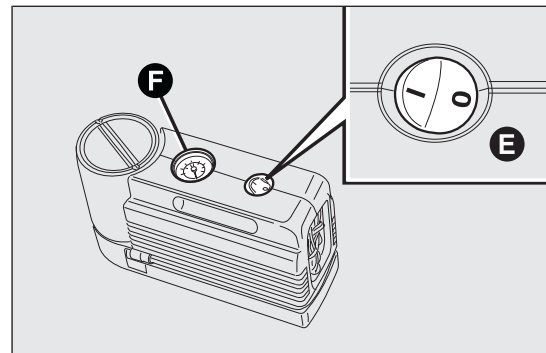


fig. 130

F0T0131

- ☐ if after this operation it is still impossible after 5 minutes to reach at least 1.8 bar, do not start driving since the tyre is excessively damaged and the quick tyre repair kit cannot guarantee suitable sealing, contact Fiat Dealership;
- ☐ if you do reach the tyre pressure specified in the “Cold tyre pressures” paragraph of the “Technical specifications” section, continue your journey immediately;



#### WARNING

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

- ☐ after having driven for about 10 minutes, stop and recheck the tyre pressure; remember to apply the handbrake;



#### WARNING

***If the pressure has fallen below 1.8 bar, do not drive any further: the Fix&Go automatic quick tyre repair kit cannot guarantee proper hold because the tyre is too damaged. Contact a Fiat Dealership.***

- ☐ if, on the other hand, the pressure is at least 1.8 bar, restore the correct pressure (with the engine running and the handbrake applied) and resume driving;
- ☐ drive with the utmost care to the nearest Fiat Dealership.



#### WARNING

***Remember to inform the workshop that the tyre has been treated with a quick repair kit. Give the instruction booklet to the personnel charged with handling the treated tyre.***

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## FOR CHECKING AND RESTORING PRESSURE ONLY

The compressor may also be used for restoring pressure only.

Release the quick coupling and connect directly to the tyre valve fig. 131; in this way, the cylinder will not be connected to the compressor and no sealing fluid will be injected.

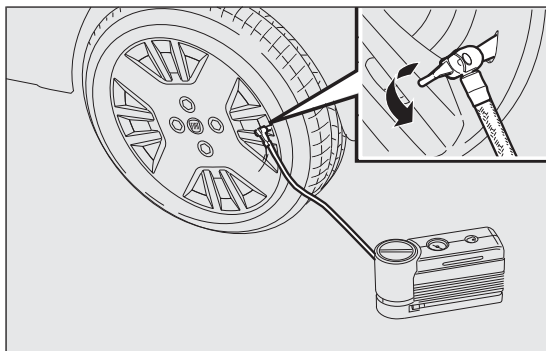


fig. 131

F0T0192

## CYLINDER REPLACEMENT PROCEDURE

To replace the cylinder, proceed as follows:

- ☐ disengage coupling B fig. 132;
- ☐ turn anticlockwise the cylinder to replace and raise it;
- ☐ fit the new cylinder and turn it clockwise;
- ☐ connect B to the canister and fit the filler tube A into its allocated space.

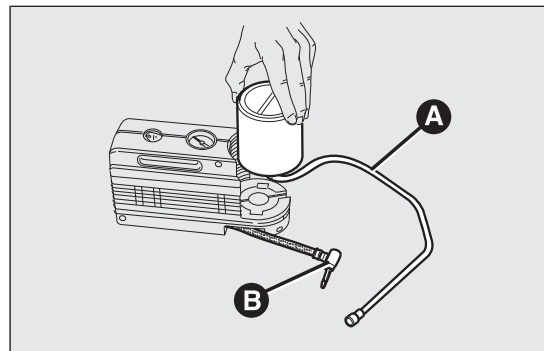


fig. 132

F0T0132

# 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 fig. 133:

**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.

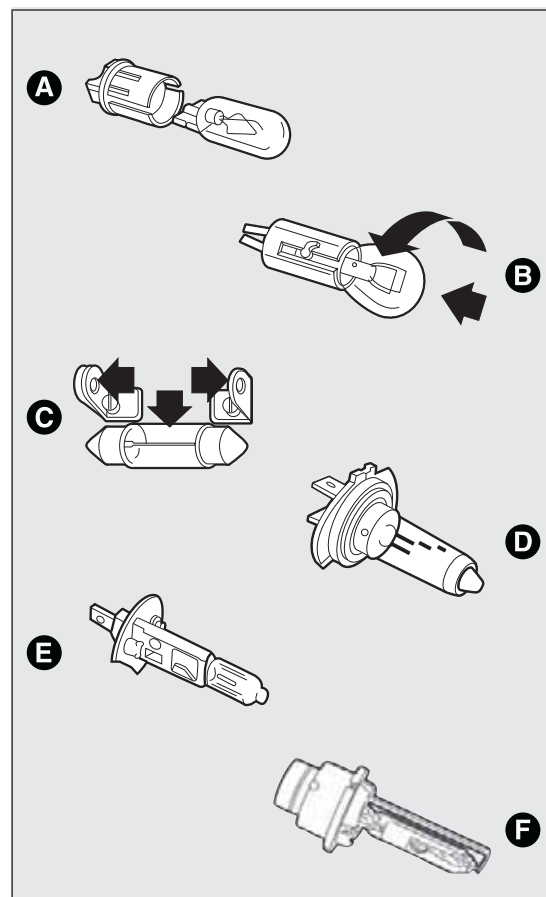


fig. 133

F0T0022

## Bulbs

Bulbs	Type	Power	Ref. fig. I 33
Main beam headlights	H1	60W	E
Dipped beams headlights	H1	55W	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
Taillights/rear fog lights	P4/21W	4W/21W	B
Brake light	P21W	21W	B
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
Boot light (for versions/markets, where provided)	W5W	5W	A

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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. 134 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.

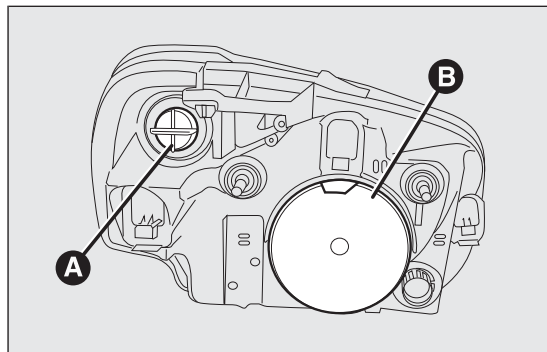


fig. 134

F0T0093

## SIDE LIGHTS - TAIL LIGHTS

To change the bulb, proceed as follows:

- ☐ remove the protective lid A fig. 134;
- ☐ turn the bulb holder A fig. 135 anticlockwise and remove it;
- ☐ remove the bulb B and replace it;
- ☐ refit the new bulb, insert the bulb holder A fig. 135 again and then refit the protective lid A fig. 134 correctly.

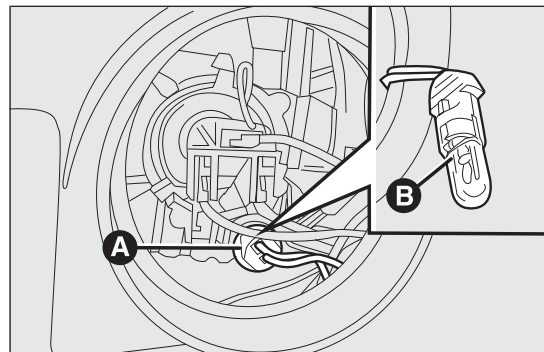


fig. 135

F0T0094

## DIPPED/MAIN BEAM HEADLIGHTS

To change the bulb (double filament), proceed as follows:

- ☐ remove the protective lid A fig. 134;
- ☐ release the bulb holder clip;
- ☐ remove the bulb A fig. 136 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. 134 correctly.

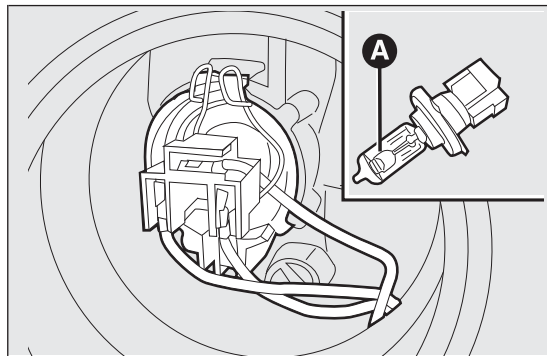


fig. 136

F0T0095

## DIRECTION INDICATORS

### Front

To change the bulb, proceed as follows:

- ☐ turn the protective lid B fig. 134 anticlockwise;
- ☐ remove the bulb A fig. 137 and replace it;
- ☐ refit the protective lid B correctly.

### Side lights

To change the bulb, proceed as follows:

- ☐ operate the lens A fig. 138 to press in the internal catch B fig. 139, then pull the unit outwards;
- ☐ turn the bulb holder C anti-clockwise, extract bulb D and replace it;

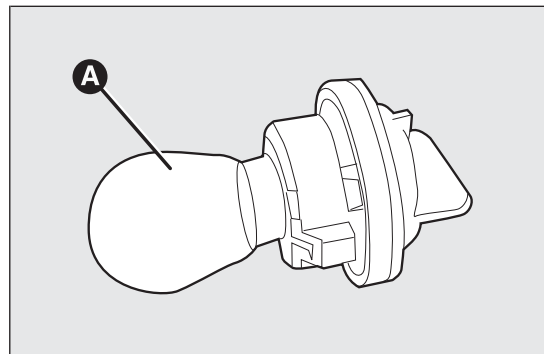


fig. 137

F0T0096

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- ☐ 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.

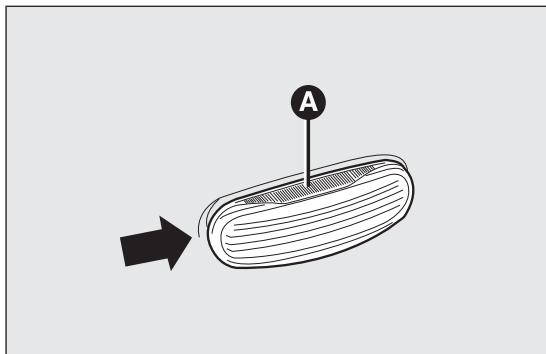


fig. 138

F0T0097

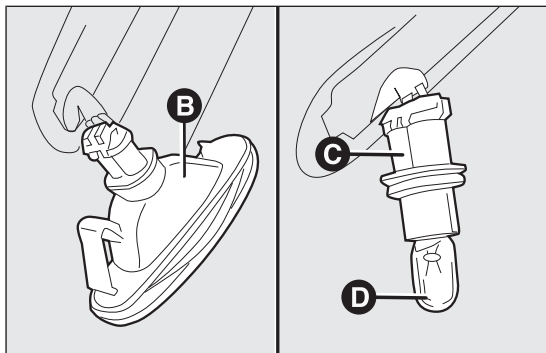


fig. 139

F0T0098

## FOG LIGHTS

(for versions/markets, where provided)

**IMPORTANT** Contact Fiat Dealership to replace the front fog lights.

## 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. 140 so as to access the light cluster B fig. 141;
- ☐ remove the connector C fig. 141.

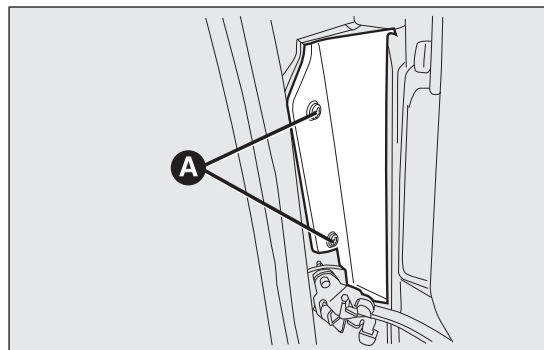


fig. 140

F0T0099

The bulbs are arranged inside the light cluster fig. 142 and fig. 143 as follows:

- A** Brake lights
- B** Direction indicators
- C** Reverse lights
- D** Tail lights/rear fog light

Pull the 5 tabs E fig. 142 outwards to access the bulbs.

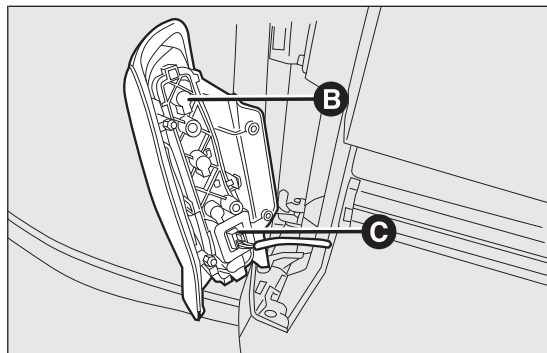


fig. 141

F0T0100

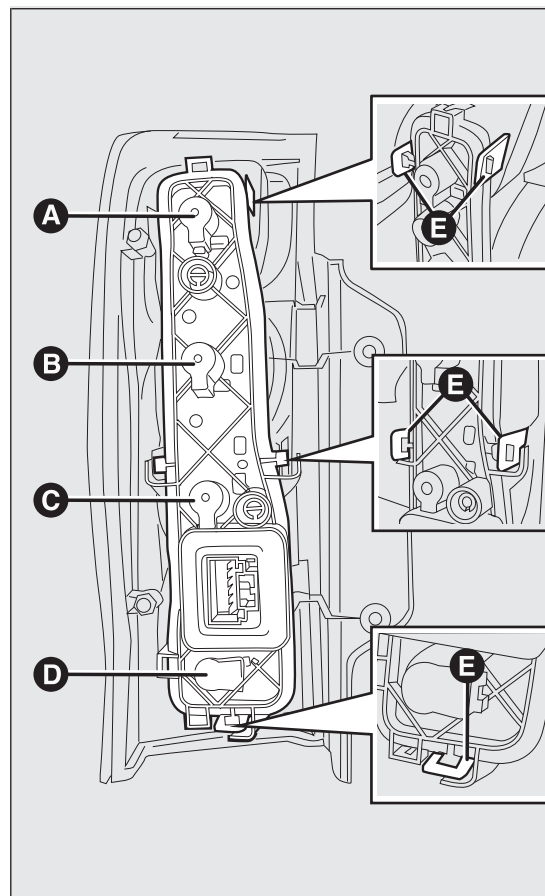


fig. 142

F0T0101

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## THIRD BRAKE LIGHTS

### Tailgate versions

To replace the bulbs, proceed as follows fig. 144 - fig. 145:

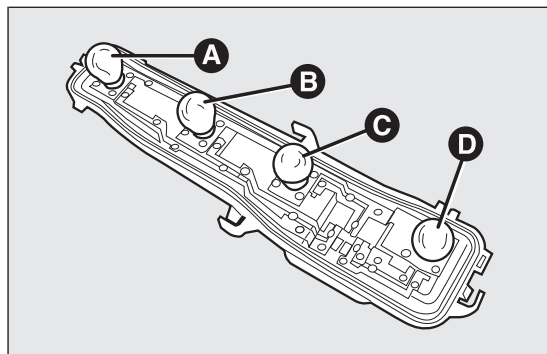


fig. 143

F0T0102

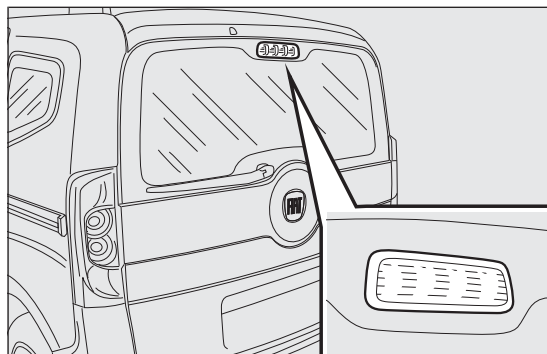


fig. 144

F0T0212

- ☐ 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. 146:

- ☐ operate the holding tabs at the points indicated by the arrows, and remove the bulb holder;

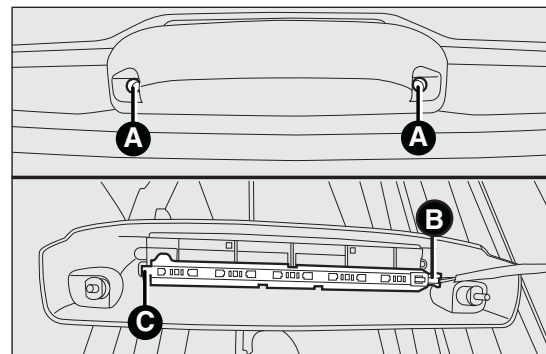


fig. 145

F0T0443

- turn the bulb holder B fig. 147 anticlockwise and then remove the bulb C.

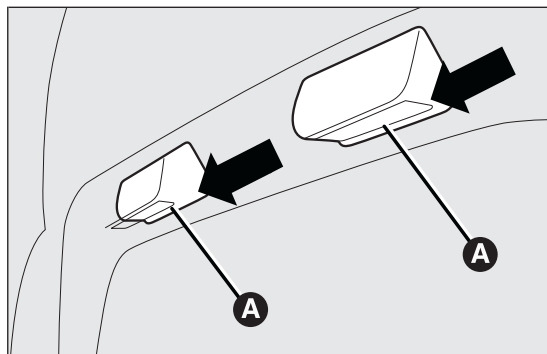


fig. 146

F0T0104

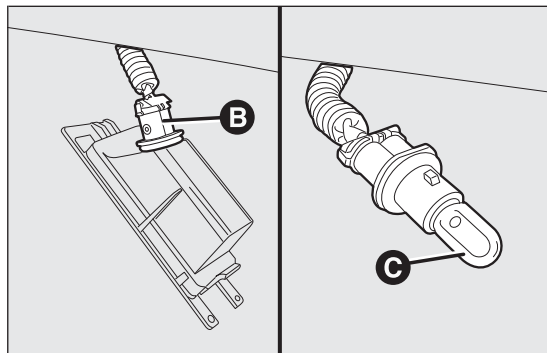


fig. 147

F0T0105

## 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. 148 by operating in the points shown by the arrows;
- open the lid B fig. 149 as shown;
- remove bulb C fig. 149 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.

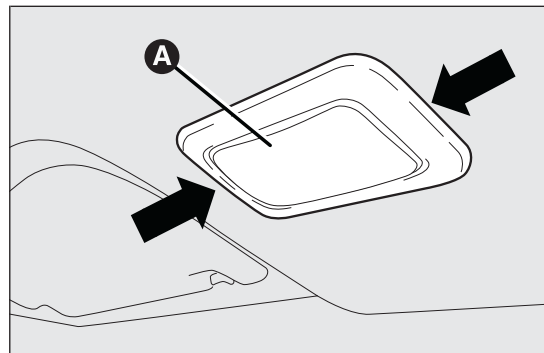


fig. 148

F0T0106

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**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. 150;
- ☐ open the protective lid B fig. 151;
- ☐ 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. 151 and secure light A fig. 150 into its housing locking it properly.

**REAR CEILING LIGHT**

To change the bulb, proceed as follows:

- ☐ extract the ceiling light A fig. 152 by operating in the points shown by the arrows;
- ☐ open the lid B fig. 153 as shown;

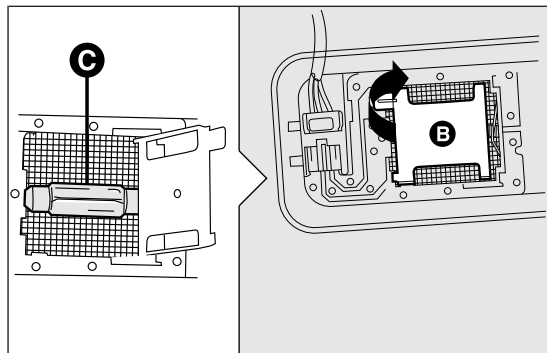


fig. 149

F0T0458

- ☐ remove bulb C fig. 153 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.

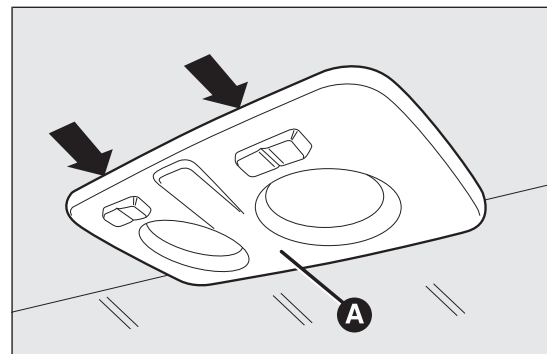


fig. 150

F0T0143

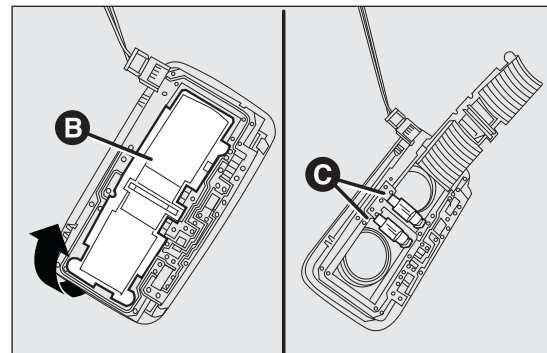


fig. 151

F0T0144

- ☐ remove bulb C fig. 153 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.

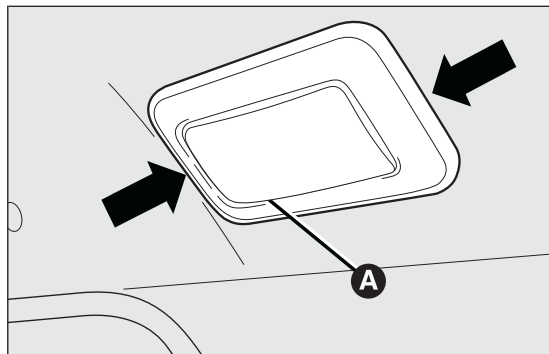


fig. 152

F0T0107

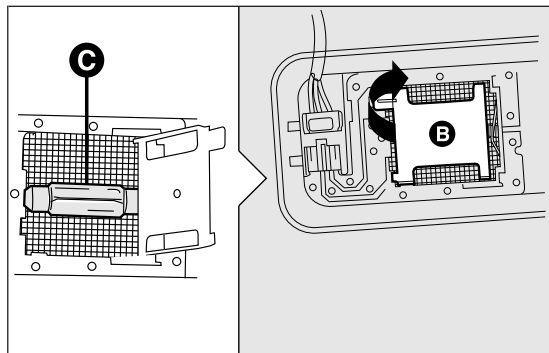


fig. 153

F0T0458

## REMOVABLE CEILING LIGHT

(for versions/markets, where provided)

To change the bulb, proceed as follows:

- ☐ press button A fig. 154 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. 155 by releasing it from the side contacts and making sure the new bulb is correctly fastened between these contacts;

## BOOT LIGHT

To change the bulb, proceed as follows:

- ☐ open the tailgate;
- ☐ remove the light A fig. 156 levering in the point shown by the arrow;

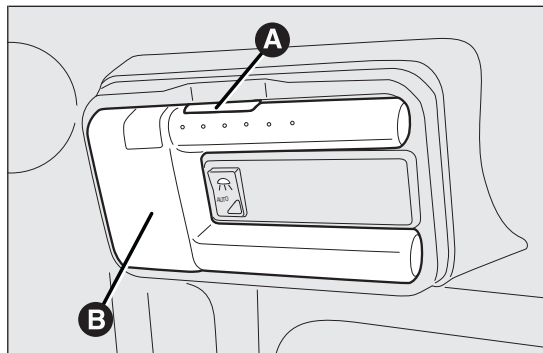


fig. 154

F0T0108

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- ☐ 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.

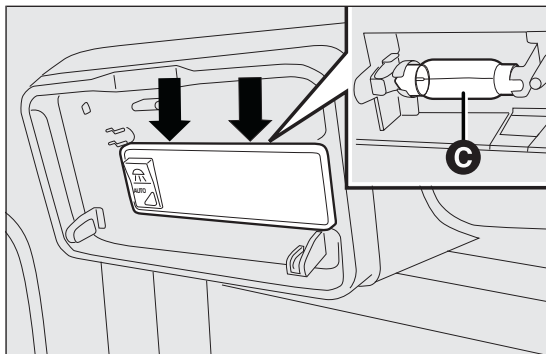


fig. 155

F0T0109

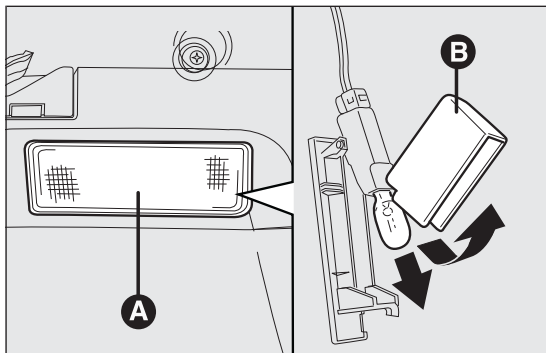


fig. 156

F0T0251

## 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. 157 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).

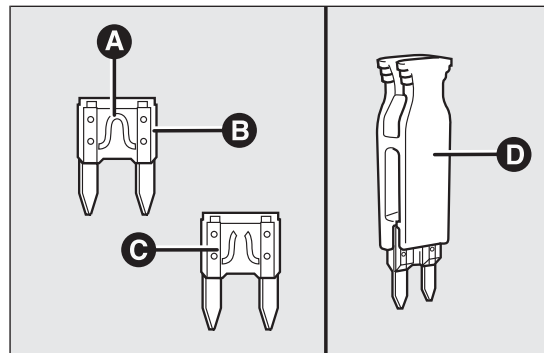


fig. 157

F0T0015



### 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.

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## ENGINE BAY FUSE BOX

The fuse box is on the right-hand side of the engine.

### Removing the fuse box lid

Proceed as follows:

- ☐ remove protective lid A fig. 158 from the positive battery terminal by lifting it upwards;
- ☐ press the tab A fig. 159 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. 159;

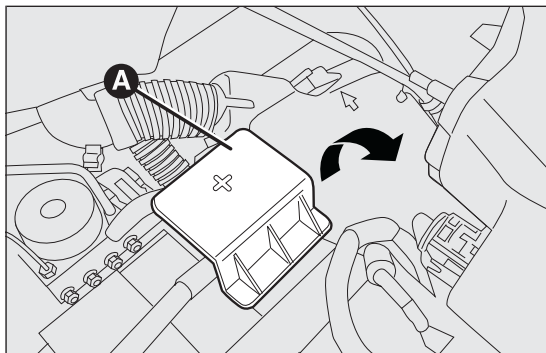


fig. 158

F0T0171

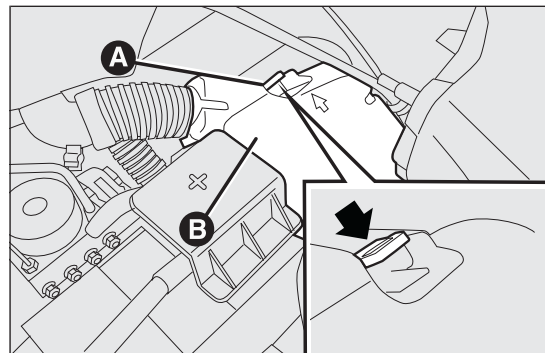


fig. 159

F0T0172

- ☐ the fuse box can be accessed in this manner fig. 160.



***If you need to clean the engine compartment, take care not to directly hit the fuse box with the water jet.***

## Refitting the fuse box lid

Proceed as follows to refit the lid:

- ☐ insert the two tabs A fig. 161 in the respective seats located on the fuse box;
- ☐ refasten the tab B in the corresponding seat until it clicks.

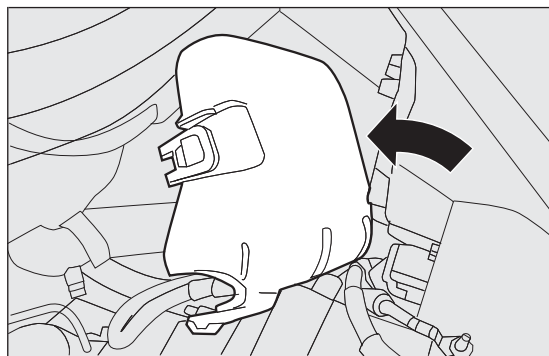


fig. 160

F0T0173

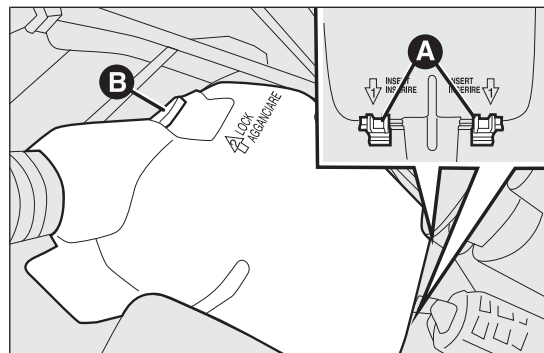


fig. 161

F0T0174

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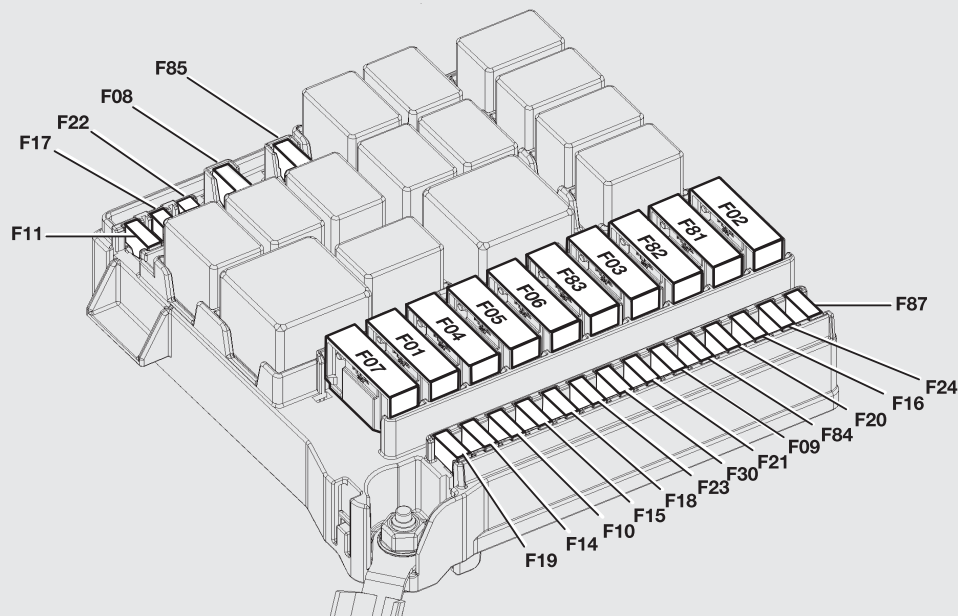


fig. 162

F0T0181

**PROTECTED DEVICE - fig. 162**

	FUSE	AMPS
Spare (trailer kit)	F09	15
Horns	F10	10
Main beam headlights	F14	15
Spare	F15	-
Air conditioner compressor	F19	7.5

**PROTECTED DEVICE - fig. 162**

	<b>FUSE</b>	<b>AMPS</b>
Heated rear window, mirror defrosters	F20	30
Fuel pump	F21	15
Fog lights	F30	15
Spare	F08	-
Cigar lighter/Passenger compartment socket/Heated seats	F85	30
+15 reverse lights/air flow meter/water in fuel sensor/relay coils T02, T05, T14, T17 and T19	F87	7.5

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## PASSENGER COMPARTMENT FUSE BOX

Loosen the two screws A fig. 163 using the metallic insert of ignition key and then remove the flap B.

The fuses are positioned in the two areas shown in fig. 164.

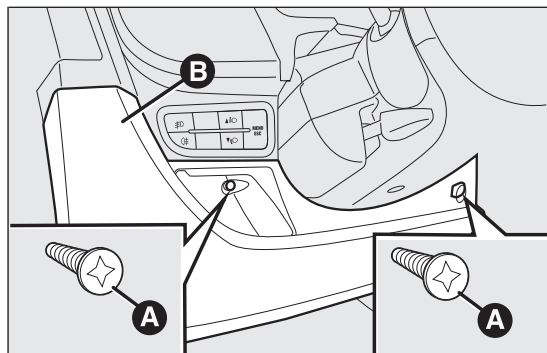


fig. 163

F0T0178

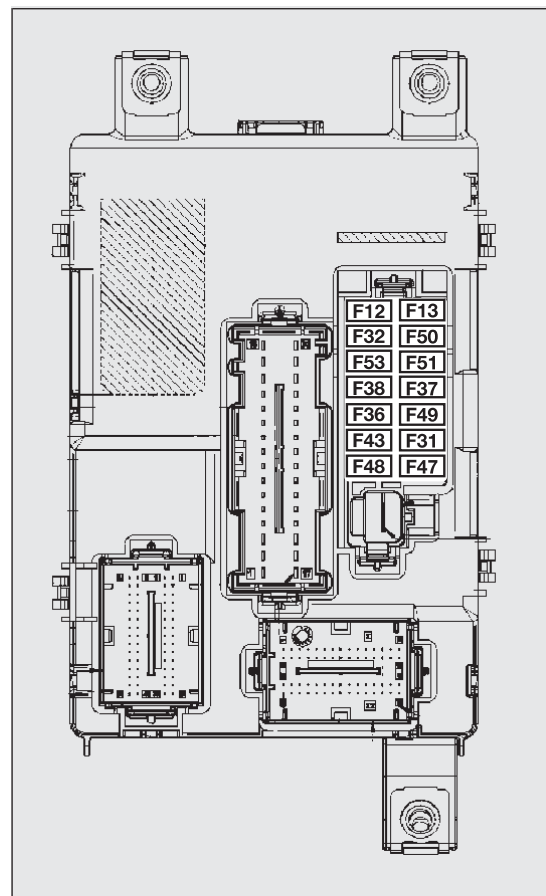


fig. 164

F0T0183

**PROTECTED DEVICE - fig. 164**

	<b>FUSE</b>	<b>AMPS</b>
Sun visor light (passenger side)	F12	7.5
Dipped beam light (driver side)/Headlight corrector	F13	7.5
INT/A SCM relay coils	F31	5
Timed inside lighting	F32	7.5
Radio Bluetooth 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/boot lock actuators	F38	20
Windshield washer/rear window washer bidirectional pump	F43	15
Front electric window (driver side)	F47	20
Front electric window (passenger side)	F48	20
Control lights/Parking sensors ECU/Electric wing mirrors/Volumetric alarm ECU	F49	5
INT Radio node/Bluetooth system ECU/Blue&Me node/Electric wing mirrors movement/Clutch switch/ Brake light control (NC)	F51	5
Instrument panel node	F53	5
External mirror defrosters	F41	7.5
Spare	F45	-
Spare	F46	-
Spare	F90	-
Spare	F91	-

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PROTECTED DEVICE - fig. 164	FUSE	AMPS
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)	F97	10
Front seat heater (passenger)	F98	10

## 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:

- ☐ 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.



### 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. 165 fig. 166;
- ☐ take the tow hook B fig. 165 fig. 166 from the tool bag;
- ☐ fully tighten the ring on the threaded front or rear pin.

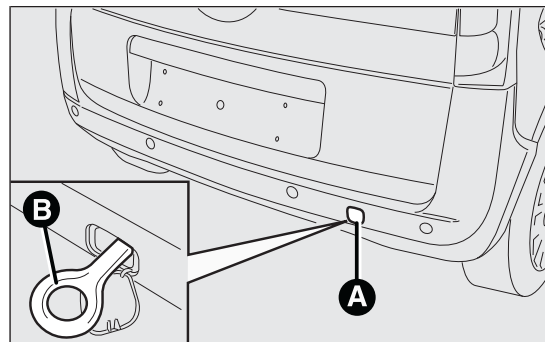


fig. 165

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.**

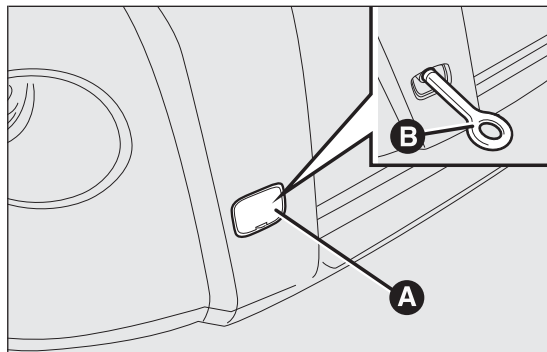


fig. 166

F0T0086

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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 MAINTENANCE

## 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 km.

It is, however, important to remember that scheduled servicing does not completely cover all the requirements of the car: even in the initial period before 30,000 km, and then subsequently between one service and another, ordinary care is always required such as routine checks involving topping up fluid level, checking tyre pressures etc.

**IMPORTANT** The Scheduled Servicing Plan 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 given times.

If, during each part of the 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 Dealer 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

## DIESEL VERSIONS

Thousands of kilometres

30

60

90

120

150

180

Check tyre conditions/wear and adjust pressure, if required

Check operation of lighting system (headlights, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)

Check operation of windscreen washer/wiper, adjust jets

Check position/wear of windscreen wiper blades

Check front disc brake pad conditions and wear

Check rear drum brake linings condition and wear

Visually inspect condition of: exterior bodywork, underbody protection, rigid and flexible pipes (exhaust - fuel system - braking system), rubber elements (gaiters - hoses - bushes - etc.)

Check cleanliness of bonnet locks, and cleanliness and lubrication of linkages

Visually inspect the condition of accessory drive belt(s)

Check tension of accessory drive belt (versions without automatic tensioner)

Check handbrake lever travel and adjust, if necessary

Check exhaust emissions/smokiness

Replace accessory drive belt(s)

Replace diesel filter

Replace air cleaner cartridge

Thousands of kilometres	30	60	90	120	150	180
Top up fluid levels (engine coolant, brake fluid, battery, wind-screen washer, etc.)	●	●	●	●	●	●
Check engine control system operation (through diagnostic interface)	●	●	●	●	●	●
Check mechanical gearbox fluid			●			●
Check cleanliness of sliding side door lower guides (or every 6 months)	●	●	●	●	●	●
Change engine oil and replace oil filter (or every 24 months)	●	●	●	●	●	●
Change brake fluid (or every 24 months)		●		●		●
Change pollen filter (or 12 months)	●	●	●	●	●	●



***Change engine oil and filter every 12 months if the vehicle is driven mainly in towns.***

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## REGULAR CHECKS

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

- ☐ engine coolant level;
- ☐ brake fluid level;
- ☐ windscreen washer fluid level;
- ☐ tyre inflation pressure and condition;
- ☐ operation of lighting system (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.

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

## HEAVY USAGE OF THE VEHICLE

Should prevailing use of the vehicle be under one of the following specially heavy 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 speed (e.g. door to door deliveries) or long period of idleness;

☐ urban trips;

perform the following inspections more frequently than shown on 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 tubes (exhaust - fuel - brakes), rubber parts (boots, sleeves, bushes, etc.);
- ☐ check battery charge status and fluid (electrolyte) level (refer to "Battery - Check state of charge and electrolyte level" paragraph in this chapter);
- ☐ visually inspect condition of the auxiliary drive belts;

- ☐ check and, if necessary, replace pollen filter; in particular it should be replaced if there is a noticeable decrease in the passenger compartment air intake flow rate.
- ☐ check and, if necessary, replace air filter.

## 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 vehicle.***



### WARNING

***Never smoke while working in the engine compartment: inflammable gases and vapours may be present, constituting a fire risk.***

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## ENGINE COMPARTMENT

### 1.3 75 HP versions

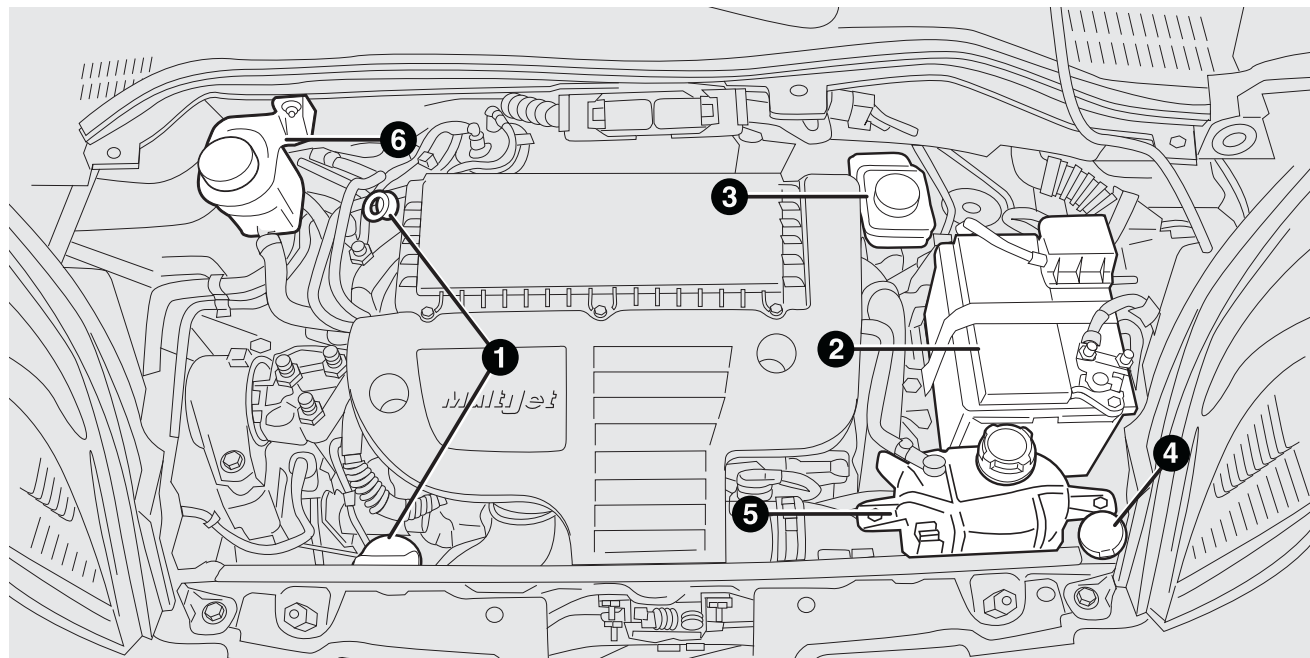


fig. 167

F0T0076

1. Engine oil 2. Battery 3. Brake fluid 4. Washer fluid for windscreen/rear window 5. Engine coolant 6. Power steering fluid

## ENGINE OIL

### Engine oil 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. 168, 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 corresponds to about 1 litre of oil.

### Topping up the engine oil

If the oil level is near or even under the MIN line, add oil through the filler B fig. 168 to reach the MAX line.

The oil level should never exceed the MAX line.

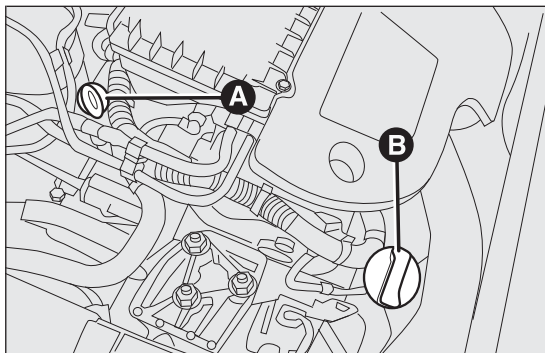


fig. 168

F0T0077

**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.

**IMPORTANT** Always top up using engine oil of the same types 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. Make sure that scarves, ties and other loose fitting garments do not get caught up in moving parts.**

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**The used engine oil and the filter that has been replaced contain substances that are dangerous to the environment. For oil and filter changing, we recommend contacting a Fiat Dealership.**

## ENGINE COOLANT FLUID

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. 169 a 50% mixture of demineralised water and PETRONAS LUBRICANTS PARAFLU<sup>UP</sup>.

The mixture of 50% PARAFLU<sup>UP</sup> and 50% distilled water protects against freezing down to temperatures of -35°C. For particularly harsh climate conditions, we recommended using a mixture of 60% PARAFLU<sup>UP</sup> and 40% distilled water.

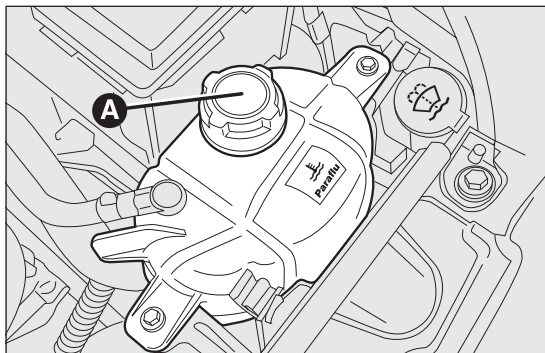


fig. 169

F0T0078



## WARNING

**Do not remove the tank 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.**



**PARAFLU<sup>UP</sup> antifreeze is used in the engine cooling system. Use fluid of the same type contained in the cooling system for top-ups. PARAFLU<sup>UP</sup> should not be mixed with any other type of fluid. If this happens, do not start the engine; contact a Fiat Dealership.**

## WINDSCREEN/REAR WINDOW WASHING FLUID

To add fluid lift the cap A fig. 170 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  $-20^{\circ}\text{C}$ , use undiluted TUTELA PROFESSIONAL SC 35 fluid.

Check level through the reservoir.



### WARNING

**Do not travel if the windscreen washer reservoir is empty: using the windscreen washer is essential for improving visibility.**

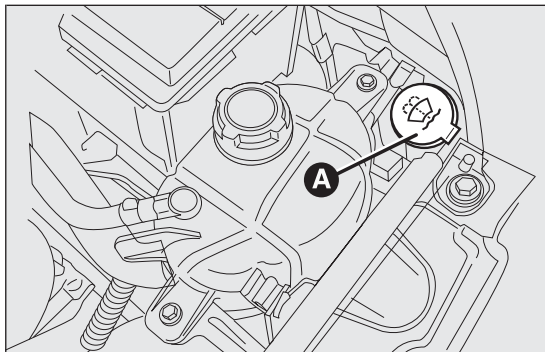


fig. 170

F0T0079



### WARNING

**Some commercial windscreen washer additives are flammable. The engine compartment contains hot parts which could start a fire if they come into contact.**

## BRAKE FLUID

Undo the cap A fig. 171 and check that the liquid contained in the reservoir is at the maximum level.

Fluid level in the reservoir must not exceed the MAX mark.

If you do need to top up, 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.

Always use a funnel with a built-in filter with a mesh of 0.12 mm or less for topping up.

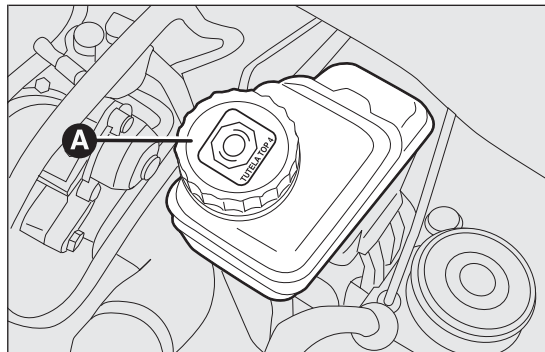


fig. 171

F0T0080

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**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 “Schedule Servicing Plan”.




**Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Wash with water immediately if this should happen.**

**WARNING**

**Brake fluid is poisonous and highly corrosive. In the event of accidental contact, wash the parts immediately with water and mild soap, then rinse with plenty of water. Call a doctor immediately if swallowed.**

**WARNING**

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

**POWER STEERING FLUID**

Loose the cap A fig. 172: check that the fluid in the reservoir is included between the MIN and MAX on the reservoir.

The level may go over the MAX line 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.**

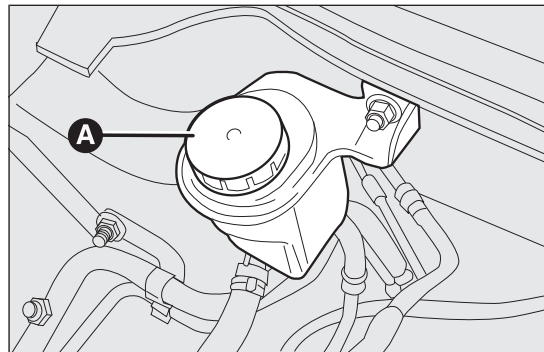


fig. 172

F0T0081



***Power steering fluid consumption is extremely low; if another top-up should be required after only a short period of time, have the system checked for leakage at a Fiat Dealership.***

## **AIR CLEANER/ POLLEN FILTER**

Have the air cleaner or the pollen filter replaced by a Fiat Dealership.

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## 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.**

## 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  $-10^{\circ}\text{C}$ ).

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.

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## 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 "Wheels" in the "Technical specifications" section.

Incorrect pressure causes abnormal tyre wear: fig. 173

**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 all cases, follow the laws in force in the country where you are driving.

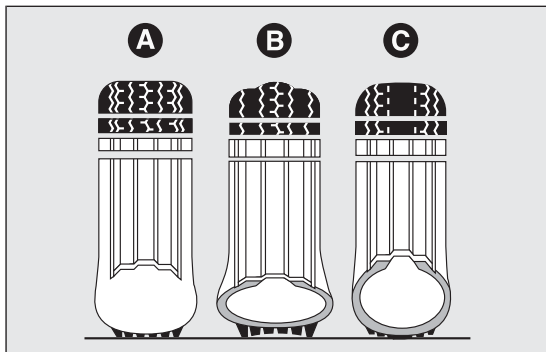


fig. 173

F0T0013

## IMPORTANT

- ☐ Avoid braking suddenly, burning starts and violent knocks against the curb, potholes or other obstacles if possible. Long distances on uneven roads can damage the tyres;
- ☐ check the tyres regularly for cuts on the sides, swelling or irregular tread wear. Go to a Fiat Dealership if required.
- ☐ avoid overloading the car when travelling: this may cause serious damage to the wheels and tyres;
- ☐ if a tyre is punctured, stop immediately and charge it to avoid damage to the tyre, the rim, suspensions and steering system;
- ☐ a tyre will age even if it is not used much. Cracks in the tread and on the sidewalls are a sign of ageing. In any event, have the tyres checked by specialised personnel if they have been fitted for longer than six 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 changed, also change the inflation valve;
- ☐ to allow even wear between the front and rear tyres, it is advisable to change them over every 10-15 thousand kilometres, keeping them on the same side of the vehicle so as not to reverse the direction of rotation.



### WARNING

***Remember that the road holding qualities of your vehicle also depend on the correct inflation pressure of the tyres.***



### WARNING

***Excessively low pressure will cause overheating of the tyre and may cause severe tyre damage.***



### WARNING

***Do not exchange the tyres from the left to the right of the vehicle 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.

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## 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.***

### 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. 174 and remove the blade from the arm;
- ☐ install the new blade by inserting the straps into the supplied housings of the arm. Make sure that the new blade is secured in position.

### Replacing the rear window wiper blade

(for versions/markets, where provided) Proceed as follows:

- ☐ raise the cover A and remove the arm from the vehicle by loosening nut B that fastens it to the pivot pin;

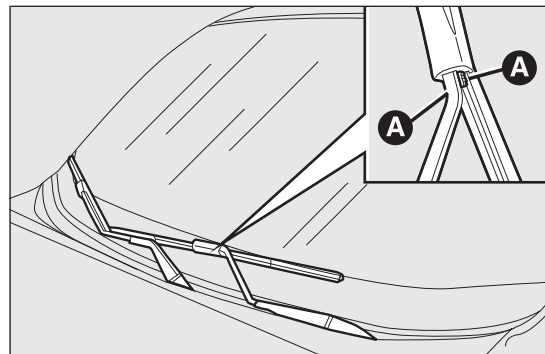


fig. 174

F0T0087

- ☐ correctly position the new arm and tighten the nut fully;
- ☐ lower the cover.

## 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. 175).

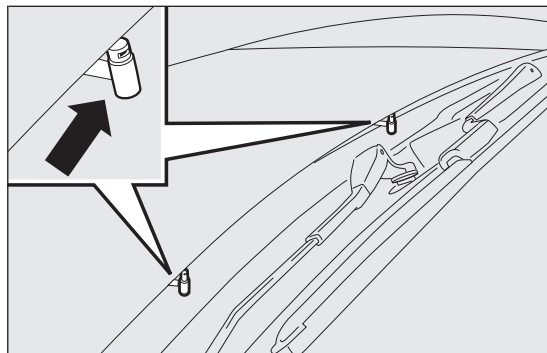


fig. 175

F0T0090

## Rear window (washer)

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

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## 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:

- ☐ 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, take heed of the following:
- ☐ 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

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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.

### 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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# TECHNICAL SPECIFICATIONS

## IDENTIFICATION DATA

We recommend taking note of the identification codes. The identification data are printed on labels in the following positions fig. 176:

- ☐ VIN plate.
- ☐ Chassis marking.
- ☐ Bodywork paint identification plate.
- ☐ Engine marking.

## VIN PLATE

This is applied on the rear part of the vehicle and contains the following data fig. 177:

**B** Type-approval number

**C** Vehicle type identification code

**D** Chassis number

**E** Maximum authorised weight of vehicle fully laden

**F** Maximum permitted weight of vehicle fully laden plus trailer

**G** Maximum permitted weight on first (front) axle

**H** Maximum permitted weight on second (rear) axle

**I** Engine type

**L** Bodywork version code

**M** Number for spare parts

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

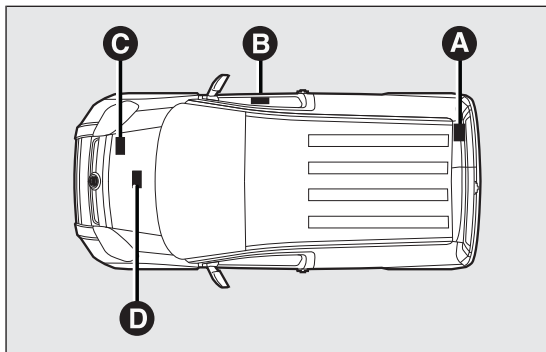


fig. 176

F0T0175

FIAT GROUP AUTOMOBILES S.p.A.			
B			
C	D		
	E	Kg	
	F	Kg	
1-	G	Kg	
2-	H	Kg	
MOTORE-ENGINE	I		
VERSIONE-VERSION	L		
N°PER RICAMBI N°FOR SPARES	M		

fig. 177

F0T0011

## CHASSIS MARKING

This is printed on the passenger compartment floor, near the right front seat.

Slide the hatch A fig. 178 forward to access.

The marking includes:

- ☐ type of vehicle;
- ☐ chassis manufacture number.

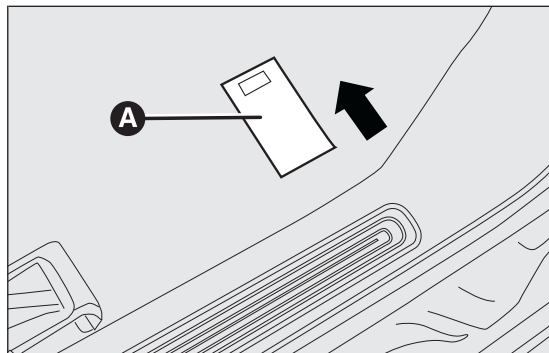


fig. 178

F0T0084

## BODY PAINTWORK IDENTIFICATION PLATE

This plate is applied inside the bonnet and shows the following data fig. 179:

**A** Paint manufacturer.

**B** Colour name.

**C** Fiat colour code.

**D** Respray and touch up code.

## ENGINE MARKING

This is printed onto the cylinder block and shows the type and production serial number.

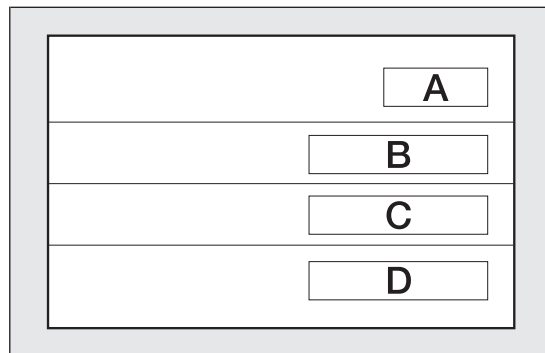


fig. 179

F0T0012

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## ENGINE CODES - BODYWORK VERSIONS

Version	Engine code
<b>I.3 Multijet</b>	<b>I99A2000</b>

The following body version code and key are an example that may be applied to all body version codes.

Example:

**225 B XB I A AX**

Key:

**225** Model

**B** Body

**XB** Engine

**I** Traction

**A** Transmission

**AX** Version

## BODY

**A** Qubo M1 (5 seat)

**C** Qubo N1 (4 seats)

## ENGINES

**XA** 1.4 petrol Euro 4

**XB** 1.3 Multijet 75 HP Euro 4

**XC** Methane

**XD** 1.3 Multijet 75 HP Euro 5

**XE** 1.3 Multijet 95 HP Euro 5

**XF** 1.4 petrol Euro 5

## DRIVE

**I** Front

## TRANSMISSION

**A** Mechanical gearbox

**I** Comfort/Dualogic gearbox

# ENGINE

## General features

## I.3 Multijet 75 HP

Type code	I 99A2000
Cycle	Diesel
Number and arrangement of cylinders	straight 4
Piston diameter and travel (mm)	69.6 x 82
Total displacement (cm <sup>3</sup> )	1248
Compression ratio	17.6
Max. power (EEC) (kW)	55
Max. power (EEC) (HP)	75
Corresponding engine speed (rpm)	4000
Max. torque (EEC) (Nm)	190
Max. torque (EEC) (kgm)	19.4
Corresponding engine speed (rpm)	1750
Spark plugs	-
Fuel	Diesel for automotive engines (Specification EN590)

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## FUEL SYSTEM

### Versions

### Fuel system

**I.3 Multijet 75 HP**

Electronically controlled Common Rail Multijet direct injection with turbocharger and intercooler



### WARNING

***Modifications or repairs to the fuel supply system that are not carried out properly or do not take the technical specifications of the system into account can cause malfunctions leading to the risk of fire.***

## TRANSMISSION

### Versions

### Gearbox

### Clutch

### Traction

**I.3 Multijet 75 HP**

Five forward speed plus reverse with synchronizers for the engagement of the forward speeds

Hydraulic drive

Front

## BRAKES

Versions	Front service brakes	Rear service brakes	Parking brake
I.3 Multijet 75 HP	disk	drum	controlled by hand lever, acting on rear brakes

**IMPORTANT** Water, ice and salt sprinkled on the roads may deposit on the brake disks reducing braking efficiency the first time the brakes are applied.

## SUSPENSION

Versions	Front	Rear
I.3 Multijet 75 HP	Mc Pherson independent wheels	torsion beam

## STEERING

Versions	Turning circle (kerb to kerb) (m)	Type
I.4	10.55	rack and pinion with electric power steering (for versions/markets, where provided)
I.3 Multijet 75 HP		
I.3 Multijet 95 HP		

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## WHEELS

### WHEELS AND TYRES

Pressed steel or alloy wheels. Tubeless radial carcass tyres. All approved tyres are listed in the Log Book.

**IMPORTANT** If there are any discrepancies between the Owner's handbook and the logbook, 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 rims. Tubeless tyre.

### WHEEL GEOMETRY

Front wheel toe-in measured between rims:  $-1 \pm 1$  mm

The values refer to the vehicle in running order.

### CORRECT READING OF THE TYRE

**Example: 175/70 R 14 91 T** (see fig. 180)

**175** Nominal width (S, distance in mm between sidewalls)

**70** Height/width ratio (H/S) as a percentage

**R** Radial tyre

**14** Rim diameter in inches ( $\emptyset$ )

**91** Load index

**T** Maximum speed index

### 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

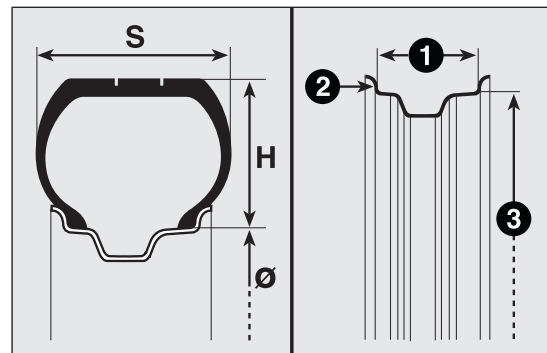


fig. 180

F0T0014

## 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

### Load index

<b>60</b> = 250 kg	<b>84</b> = 500 kg
<b>61</b> = 257 kg	<b>85</b> = 515 kg
<b>62</b> = 265 kg	<b>86</b> = 530 kg
<b>63</b> = 272 kg	<b>87</b> = 545 kg
<b>64</b> = 280 kg	<b>88</b> = 560 kg
<b>65</b> = 290 kg	<b>89</b> = 580 kg
<b>66</b> = 300 kg	<b>90</b> = 600 kg
<b>67</b> = 307 kg	<b>91</b> = 615 kg
<b>68</b> = 315 kg	<b>92</b> = 630 kg
<b>69</b> = 325 kg	<b>93</b> = 650 kg
<b>70</b> = 335 kg	<b>94</b> = 670 kg
<b>71</b> = 345 kg	<b>95</b> = 690 kg
<b>72</b> = 355 kg	<b>96</b> = 710 kg
<b>73</b> = 365 kg	<b>97</b> = 730 kg
<b>74</b> = 375 kg	<b>98</b> = 750 kg
<b>75</b> = 387 kg	<b>99</b> = 775 kg

## Load index

<b>76</b> = 400 kg	<b>100</b> = 800 kg
<b>77</b> = 412 kg	<b>101</b> = 825 kg
<b>78</b> = 425 kg	<b>102</b> = 850 kg
<b>79</b> = 437 kg	<b>103</b> = 875 kg
<b>80</b> = 450 kg	<b>104</b> = 900 kg
<b>81</b> = 462 kg	<b>105</b> = 925 kg
<b>82</b> = 475 kg	<b>106</b> = 950 kg
<b>83</b> = 487 kg	

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## CORRECT RIM READING

**Example: 5 1/2J x 14 H2 ET 44** (see fig. 180)

**5 1/2** rim diameter in inches (1).

**J** rim drop centre outline (side projection where the tyre bead rests) (2).

**14** rim nominal diameter in inches (corresponds to diameter of the tyre to be mounted) (3 = Ø).

**H2** shape and number of humps (circumference measurement which keeps the heel of tubeless tyres in position on the rim).

**ET 44** wheel camber (distance between the disc/rim support plane and the wheel centre line).

## RIM PROTECTOR TYRES



### WARNING

*Do not fit wheel cups when using integral cups fixed (with springs) to the steel rim and tyres other than factory-fitted tyres provided with Rim Protector fig. 181. Use of unsuitable tyres and wheel cups may cause sudden loss of tyre pressure.*



fig. 181

F0S0351

## STANDARD RIMS AND TYRES

Versions	Rims	Standard tyres	Snow tyres	Space-saver spare wheel(*) Rim - Tyre	
I.3 Multijet	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)

(\*\*\*) QUBO Trekking versions

(\*\*) Follow the IMPORTANT note below for correct use of the space-saver spare wheel.



### WARNING

*Use of the space-saver spare wheel must be strictly reduced to the necessary minimum and never exceed 80 km/h. An orange warning label is affixed on the space-saver spare wheel illustrating usage restrictions. Never remove or cover the label. The following information is provided in four languages on the label: Warning! For temporary use only! 80 km/h max! Replace as soon as possible with a standard service wheel. Never cover this indication.*

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**COLD TYRE INFLATION PRESSURE (bar)**

Size	STANDARD TYRES						SPARE WHEEL(*)
	No load		Medium 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)

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm. However, recheck that the value is correct with the tyre cold.

With snow tyres, add +0.2 bar to the pressure prescribed for standard tyres.

**When running at speeds higher than 160 km/h, inflate tyres at full-load pressures.**

## DIMENSIONS

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

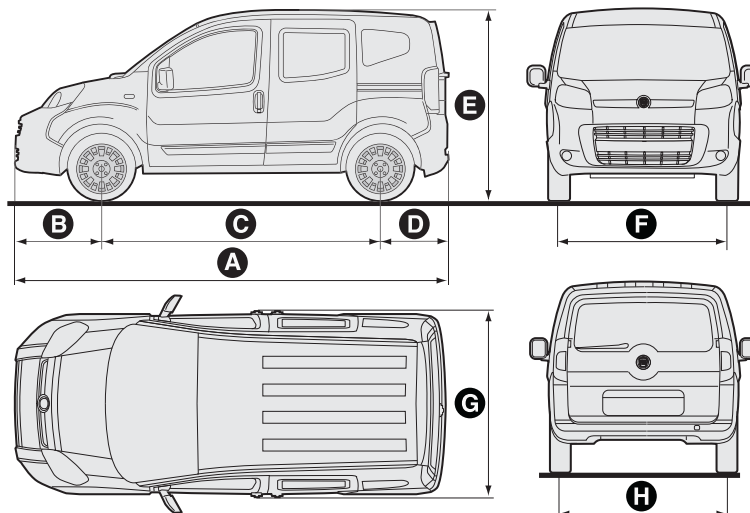


fig. 182

F0T0301

	A	B	C	D	E	F	G	H
Qubo versions	3959	855	2513	591	1735/1803 (*)	1462	1716	1464
Qubo Trekking versions	3970	866	2513	591	1742/1810 (*)	1464	1716	1465

(\*)With roof racks (for versions/markets, where provided)

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

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## PERFORMANCE

Top speed permitted after initial period of use (km/h).

### Versions

km/h

**I.3 Multijet 75 HP**

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# WEIGHTS

Weights (kg)	I.3 Multijet 75 HP Euro 4 class I (o)		
	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)	1205	1300	1200
Payload (*) including the driver:	550	455	510
Payload (*) excluding the driver:	475	-	440
Maximum permitted loads (**)			
- front axle:	950	950	950
- rear axle:	950	950	950
- total:	1755	1755	1710
Towable loads			
- trailer with brakes:	600	600	600
- trailer without brakes:	400	400	400

(o)For versions/markets, where provided

(\*)NI CATEGORY: for the full optional versions (110 kg) the payload is gradually reduced to 500 kg.

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

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## I.3 Multijet 75 HP Euro 4 class I (o)

**Weights (kg)**

	<b>NI "Minimum" versions (4 seats)</b>	<b>NI "Maximum" versions (4 seats)</b>	<b>MI versions</b>
Maximum load on the roof (with roof rack bars) (***)	70	70	70
Maximum load on ball joint (trailer with brake):	60	60	60

(o) For versions/markets, where provided

(\*\*\*) Including 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.

### I.3 Multijet 75 HP Euro 4 class 2

Weights (kg)	I.3 Multijet 75 HP Euro 4 class 2	
	NI "Minimum" versions (4 seats)	NI "Maximum" versions (4 seats)
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1235	1355
Payload (*) including the driver:	565	445
Payload (*) excluding the driver:	490	370
Maximum permitted loads (**)		
- front axle:	950	950
- rear axle:	960	960
- total:	1800	1800
Towable loads		
- trailer with brakes:	600	600
- trailer without brakes:	400	400
Maximum load on the roof (with roof rack bars) (***)	100	100
Maximum load on ball joint (trailer with brake):	60	60

(\*)NI CATEGORY: for the full optional versions (120 kg) the payload is gradually reduced to 445 kg.

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

(\*\*\*)Including weight of any carrying systems fitted (Lineaccessori Fiat bars/box).

**Note** Trekking versions have the same capacities as the other versions.

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## CAPACITIES

	I.3 Multijet 75 HP		Recommended fuels and original lubricants
	litres	kg	
Fuel tank:	45	-	Diesel for automotive engines (Specification EN590)
including a reserve of:	6/7	-	
Engine cooling system:	7.6	-	50% mixture of distilled water and <b>PARAFU<sup>UP</sup></b> (*)
Engine sump:	3.0	2.6	<b>SELENIA WR P.E.</b>
Engine sump and filter:	3.2	2.8	
Gearbox/differential casing:	1.84	1.6	<b>TUTELA CAR TECHNYX</b>
Hydraulic power steering	0.38	0.35	<b>TUTELA GI/E</b>
Hydraulic brake circuit:	-	0.5	<b>TUTELA TOP 4</b>
Windscreen and rear window washer fluid tank:	3.0	-	Water and liquid mixture <b>TUTELA PROFESSIONAL SC 35</b>

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

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# FLUIDS AND LUBRICANTS

## RECOMMENDED PRODUCTS AND SPECIFICATIONS

Use	Fluid and lubricant specifications for correct operation	Genuine fluids and lubricants	Change interval
Diesel engine lubricants	SAE 5W-30 grade synthetic base lubricants. Qualification <b>FIAT 9.55535-S1</b> .	<b>SELENIA WR P.E.</b> Contractual Technical Reference N. F510.D07	According to Scheduled Servicing Plan

For diesel engines, in the event of an emergency in which the original products are not available, lubricants with at least ACEA C2 performance are acceptable; however, in this case optimum engine performance is not guaranteed and the lubricants should be replaced with recommended products as soon as possible at a Fiat Dealership.

The use of products with features lower than ACEA C2 could cause engine damage not covered by warranty.

In particularly harsh climatic conditions, ask the Fiat Dealer Network for advice on the appropriate PETRONAS LUBRICANTS product.

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	Use	Fluid and lubricant specifications for correct operation	Genuine fluids and lubricants	Applications
KNOW YOUR VEHICLE	Lubricants for motion transmission	SAE 75W-85 grade synthetic lubricant. Exceeds API GL 4 PLUS specifications. <b>FIAT Qualification 9.55550-MX3</b>	<b>TUTELA CAR TECHNIX</b> Contractual Technical Reference N. F010.B05	Manual gearboxes and differentials (diesel versions)
SAFETY		SAE 75W-80 grade synthetic lubricant. Exceeds API GL 4 specifications. Qualification <b>FIAT 9.55550.</b>	<b>TUTELA CAR EXPERYA</b> Contractual Technical Reference N. F178.B06	Manual gearboxes and differentials (diesel versions)
STARTING AND DRIVING		Molybdenum disulphide grease, for use at high temperatures. <b>Qualification FIAT 9.55580.</b> Consistency NL.G.I. 1-2	<b>TUTELA ALL STAR</b> Contractual Technical Reference N. F702.G07	Wheel side constant velocity joints
WARNING LIGHTS AND MESSAGES		Grease for constant velocity joints with low friction coefficient. <b>Qualification FIAT 9.55580.</b> Consistency NL.G.I. 0-1	<b>TUTELA STAR 700</b> Contractual Technical Reference N. F701.C07	Differential-side constant velocity joints
IN AN EMERGENCY		Automatic transmission lubricant. Exceeding ATF DEXRON III specifications <b>Qualification FIAT 9.55550- AG2.</b>	<b>TUTELA GI/E</b> Contractual Technical Reference N. F001.C94	Hydraulic power steering
SERVICING AND MAINTENANCE		Brake fluid	Synthetic fluid, NHTSA N. 116 DOT 4, ISO 4925, SAE J-1704, CUNA NC 956-01. <b>Qualification FIAT 9.55597.</b>	<b>TUTELA TOP 4</b> Contractual Technical Reference N. F001.A93
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Use	Fluid and lubricant specifications for correct operation	Genuine fluids and lubricants	Applications
Protective agent for radiators	Red protective with antifreeze action, based on inhibited monoethyl glycol with organic formula. Exceeding CUNA NC 956-16, ASTM D 3306 specifications. <b>Qualification FIAT 9.55523.</b>	<b>PARAFLU<sup>UP</sup> (*)</b> Contractual Technical Reference N. F101.M01	Mixture: 50% water and 50% <b>PAR-AFLU<sup>UP</sup> (**)</b>
Fuel additive	Additive for diesel antifreeze, protecting diesel engines	<b>TUTELA DIESEL ART</b> Contractual Technical Reference N. F601.L06	To be mixed with fuel oil (25 cc per 10 litres)
Windscreen/rear window washer fluid	Mixture of alcohol, water and surfactants CUNA NO 956-II <b>Qualification FIAT 9.55522.</b>	<b>TUTELA PROFESSIONAL SC 35</b> Contractual Technical Reference N. F201.D02	To be used diluted or undiluted in windscreen/rear window washer/wiper systems

(\*)IMPORTANT Do not use fluids with different specifications for topping up or mixing.

(\*\*)In particularly harsh weather conditions, we recommend using a 60-40 mixture of **PARAFLU<sup>UP</sup>** and distilled water.

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## FUEL CONSUMPTION

The fuel consumption figures, given in the table below, are determined on the basis of the homologation tests laid down by specific European Directives.

The procedures below are followed for measuring consumption:

- ☐ urban cycle: begins with cold starting, then follows a driving path simulating the usage of the vehicle in town
- ☐ extra-urban cycle: driving that simulates using the vehicle out of town with frequent acceleration in all gears; the speed varies from 0 to 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, vehicle load, presence of roof racks and other situations that adversely affect the aerodynamics or wind resistance lead to different fuel consumption figures than those measured.

### Fuel consumption according to the current European directive (litres x 100 km)

Versions	Urban	Extra-urban	Combi
<b>I.3 Multijet 75 HP</b>	5.5	3.7	4.4

## CO<sub>2</sub> EMISSIONS

The CO<sub>2</sub> emission levels given in the following tables refer to combined consumption.

Versions	CO <sub>2</sub> emissions according to the current European directive (g/km)
I.3 Multijet 75 HP	115

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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 Immobilizier**

**Type-designation:**

**F12-125 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

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Telefax 02261 / 5003

Wiehl, 2007-04-20

place and date of issue

Cyrille Emelianoff

(European Businessline Director C+S)

fig. 183

## 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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# *SELENIA<sup>®</sup>*

***In the heart of your engine.***



Always ask your mechanic for *SELENIA<sup>®</sup>*

*The engine of your car is factory filled with **Selenia**.  
This is an engine oil range which satisfies the most advanced  
international specifications. Its superior technical characteristics  
allow **Selenia** to guarantee the **highest performance  
and protection of your engine.***

---

*The Selenia range includes a number of technologically advanced products:*

**SELENIA K PURE ENERGY**

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**

Particularly ideal for the protection of new generation petrol engines, very effective even in the most severe weather conditions. It guarantees a reduction in fuel consumption (Energy conserving) and it is also ideal for alternative engines.

**SELENIA SPORT**

Fully synthetic lubricant capable of meeting the needs of high performance engines. Studied to protect the engine also in high thermal stress conditions, it prevents deposits on the turbine to achieve the utmost performance in total safety.

**The range also includes Selenia StAR Pure Energy, Selenia Racing, Selenia K, Selenia WR, Selenia 20K, Selenia 20K AR. For further information on Selenia products visit the web site [www.fl-selenia.com](http://www.fl-selenia.com).**

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