F I A T **P U N T O**

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

Dear Customer,

Thank you for selecting Fiat and congratulations on your choice of a Fiat Punto.

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

You should read it right through before taking to the road for the first time.

You will find information, tips and important warnings regarding the driving of your car to help you get the most from the technological features of your Fiat.

Carefully read the warnings and indications, marked with the following symbols:

personal safety;

the car's wellbeing;

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 the read. Happy motoring!

This Owner Handbook describes all versions of the Fiat Punto;
please consider only the information relevant to your version, engine and configuration.

READ THIS CAREFULLY!

REFUELLING

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

Diesel engines: refuel only with diesel fuel conforming to the European specification EN590.

The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, depending on the damage caused.

STARTING THE ENGINE

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

Diesel engines: make sure that the handbrake is engaged, set the gearshift lever to neutral, fully depress the clutch without pressing the accelerator, then turn the ignition key to MAR and wait for the warning lights and to go off; turn the ignition key to AVV and release it as soon as the engine has started.

PARKING ON FLAMMABLE MATERIAL

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

RESPECTING THE ENVIRONMENT

The car is fitted with a system that allows continuous diagnosis of the components correlated with emissions to ensure better respect for the environment.

ELECTRICAL ACCESSORIES

If, after buying the car, 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 car's electrical system can support the required load.

CODE card

Keep it in a safe place, not in the car. You should have the electronic code from the CODE card with you at all times.

SCHEDULED MAINTENANCE

Correct maintenance of the car is essential for ensuring it stays in tip-top condition and safeguards 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 car over time. Pay special attention to the symbols ⚠ (personal safety) (protecting the environment) ⚠ (risk of serious damage to the vehicle).

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DASHBOARD

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

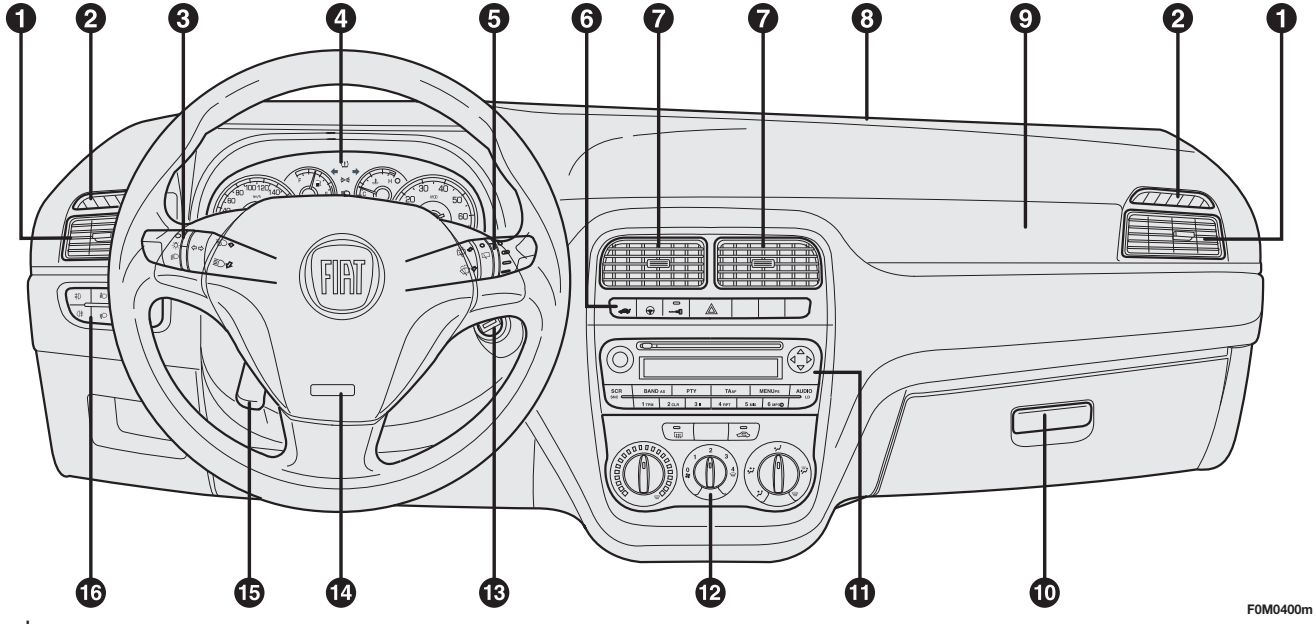


fig. 1

1. Adjustable side air vents – **2.** Fixed side air vents – **3.** Left-hand lever: exterior lights control – **4.** Instrument panel – **5.** Right-hand lever: front and rear windscreen wiper controls, trip computer – **6.** Controls on dashboard – **7.** Adjustable central air vents – **8.** Fixed upper air vent – **9.** Front airbag, passenger side – **10.** Glove compartment – **11.** Sound system (for versions/markets where provided) – **12.** HVAC controls – **13.** Ignition – **14.** Front airbag, driver's side – **15.** Steering wheel adjustment lever – **16.** Controls display: fog light/rear fog lamp/headlamp alignment adjustment/digital display/multifunction display.

SYMBOLS

Special coloured labels have been attached near or actually on some of the components of your Fiat Punto. These labels bear symbols that remind you of the precautions to be taken as regards that particular component.

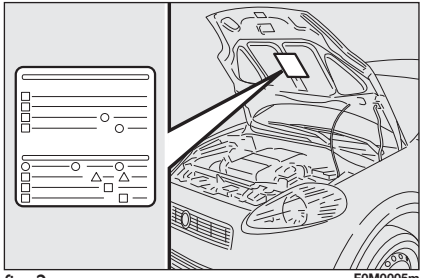


fig. 2

The plate summarising the symbols used can be found under the bonnet **fig. 2**.

THE FIAT CODE SYSTEM

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

Each key contains an electronic device which modulates the signal emitted during ignition by an antenna built into the ignition device. This signal is the 'password' which changes at each ignition and which the control unit uses to recognise the key and enable ignition.

OPERATION

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.

The code is sent only if the Fiat CODE system control unit has recognised the code transmitted from the key.

Each time the ignition key is turned to **STOP**, the Fiat CODE system deactivates the functions of the engine control unit.

If the code has not been recognised correctly, the warning light turns on accompanied by the related message on the display.

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.

Warning light coming on when driving

❒ If the warning light turns on, this means that the system is running a self-test (for example for a voltage drop).

❒ If the warning light stays on, contact a Fiat Dealership.

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

THE KEYS

CODE CARD fig. 3

(for versions/markets, where provided)

The car is delivered with two copies of the ignition key and with the CODE card which bears the following:

A the electronic code;

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

You should have the electronic code **A-fig. 3** with you at all times.

IMPORTANT In order to ensure complete efficiency of the electronic devices inside the keys, they should never be exposed to direct sunlight.

All the keys and the CODE card must be handed over to the new owner when selling the car.

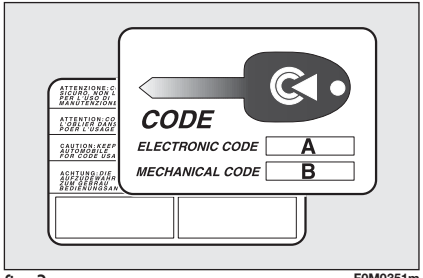


fig. 3 F0M0351m

KEY WITH REMOTE CONTROL fig. 4

(for versions/markets, where provided)

The metal insert **A** enables:

❒ the ignition;

❒ the door locks;

❒ the fuel cap lock/release (for versions/markets, where provided).

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

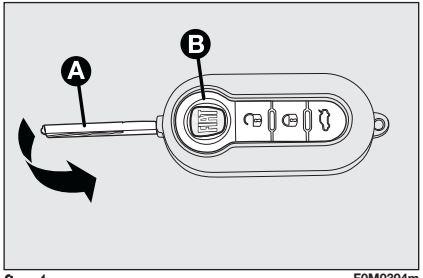


fig. 4 F0M0394m

WARNING

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

Button 🔓 is used for unlocking the doors and the boot.

Button 🔒 is used for locking the doors and the boot.

Button 🚗 is used to open the boot remotely.

When unlocking the doors, the passenger compartment lights will come on for a preset time.

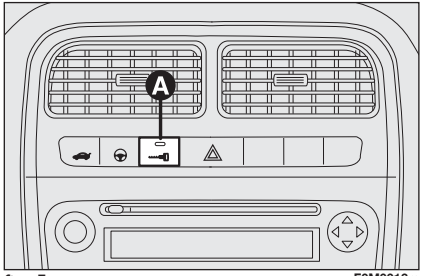


fig. 5 F0M0013m

Dashboard LED indications

When locking the doors, LED **A-fig. 5** switches on for about 3 seconds and than starts flashing (deterrence function).

Once doors are locked, if one or more doors or the boot are not closed correctly, the LED and direction indicators start flashing quickly.

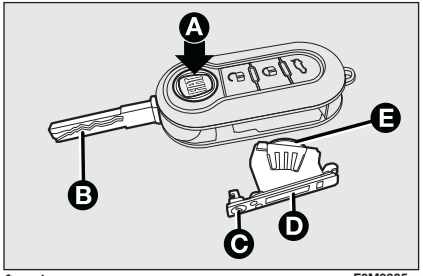


fig. 6 F0M0395m

REPLACING THE BATTERY OF THE KEY WITH REMOTE CONTROL fig. 6

To replace the battery, proceed as follows:

- ❒ press button **A** and open the metal insert **B**;
- ❒ turn the screw **C** to 🔓 using a fine screwdriver;
- ❒ take out the battery case **D** and replace the battery **E**, respecting its polarity;
- ❒ refit the battery case **D** inside the key and lock it turning the screw **C** to 🔒.

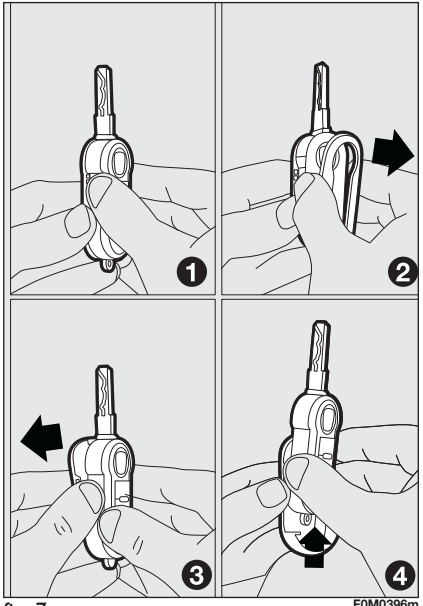


fig. 7 F0M0396m

REPLACEMENT OF REMOTE CONTROL COVER fig. 7

To replace the remote control cover, follow the procedure shown in the diagram.

Requesting additional remote controls

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

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.

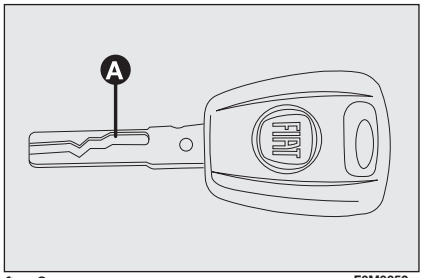


fig. 8 F0M0352m

KEY WITHOUT REMOTE CONTROL fig. 8

The metal insert of the key **A** is fixed.

The key operates:

❒ the ignition;

❒ the door locks;

❒ the fuel tank cap lock (for versions/ markets, where provided).

ALARM

The car alarm system is available at Lineaccessori Fiat.

The main functions that can be activated with the keys (with or without remote control) are the following:

Type of key	Unlocking the doors	Door locking from the outside	Dead Lock activation (*)	Unlocking the boot	Opening windows (*)	Closing windows (*)
Key without remote control	Turn key anticlockwise (driver's side)	Turn key clockwise (driver's side)	–	–	–	–
Key with remote control	Turn key anticlockwise (driver's side)	Turn key clockwise (driver's side)	–	–	–	–
	Press briefly button 🔓	Press briefly button 🔒	Press twice button 🔒	Press briefly button 🚗	Hold down button 🔓 for more than two seconds)	Hold down button 🔒 for more than two seconds)
Visual indication						
Direction indicators flashing (only for key with remote control)	blinks twice	blinks once	blinks three times	blinks twice	blinks twice	blinks once
Deterrence LED	Off	Lit for about 3 seconds followed by deterrence LED flashing	Double flash, followed by deterrence flashing	Deterrence LED	Off	Deterrence LED

(*) For versions/markets, where provided.

IMPORTANT Window opening operation is a consequence of a door unlocking control; window closing operation is a consequence of a door locking control.

IGNITION

The key can be turned to 3 different positions **fig. 9**:

❒ **STOP**: engine off, key can be extracted, steering locked. Some electrical devices (e.g. sound system, central door locking system, etc.) can function.

❒ **MAR**: driving position. All electrical devices can function.

❒ **AVV**: engine starting (temporary position).

The ignition device is fitted with an electronic safety system that, in the event the engine fails to start, turns back the ignition key to **STOP** before repeating the starting operation.

WARNING

If the ignition device has been tampered with (e.g. an attempted theft), have it checked over by a Fiat Dealership as soon as possible.

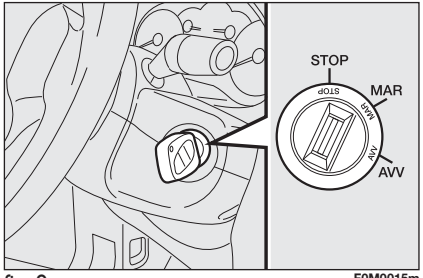


fig. 9 F0M0015m

WARNING

Always remove the key when you leave your car to prevent someone from accidentally operating the controls. Remember to engage the handbrake. Engage first gear if the car is parked uphill or reverse if the car is parked downhill. Never leave children unattended in the car.

STEERING LOCK

Engagement

When the key is in position **STOP**, remove it and turn the steering wheel until it locks.

Disengagement

Rock the steering wheel slightly as you turn the key to **MAR**.

WARNING

Never extract the key while the vehicle is moving. The steering wheel would lock automatically as soon as it is turned. This also applies to when the car is towed.

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 car not complying with regulations.

INSTRUMENT PANEL

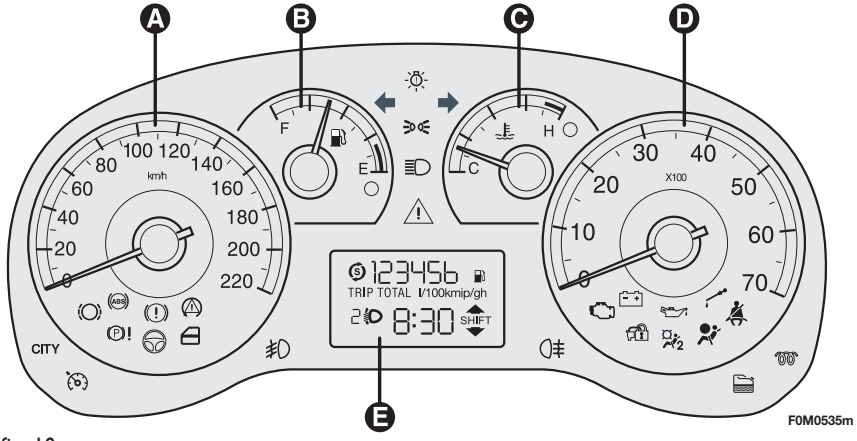


fig. 10

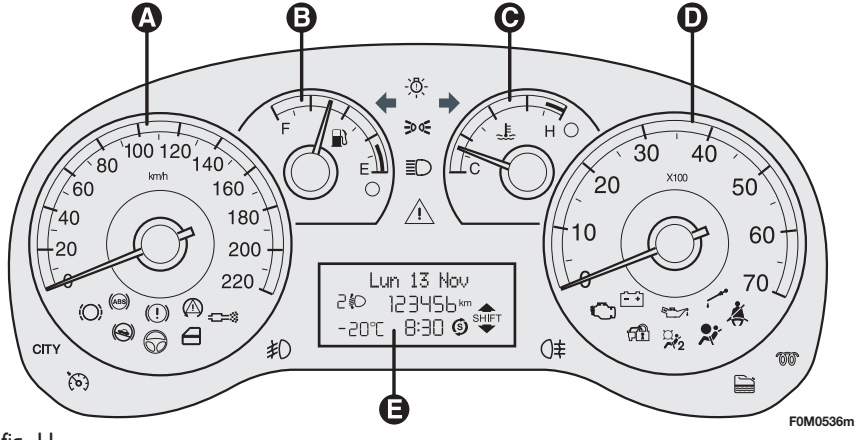


fig. 11

Versions with digital display

A Speedometer

B Fuel level gauge with reserve warning light

C Engine coolant temperature gauge and excessive temperature warning light

D Rev counter

E Digital display

Versions with multifunction display

A Speedometer

B Fuel level gauge with reserve warning light

C Engine coolant temperature gauge and excessive temperature warning light

D Rev counter

E Multifunction display

INSTRUMENTS

Instrument background colour and type may vary according to the version.

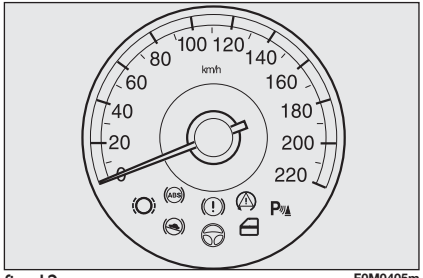


fig. 12 F0M0405m

SPEEDOMETER fig. 12

This shows the speed of the vehicle.

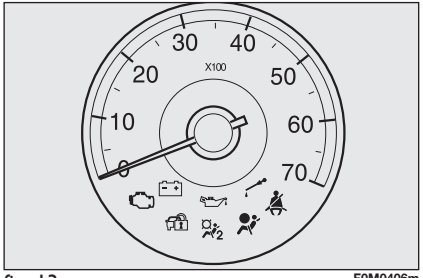


fig. 13 F0M0406m

REV COUNTER fig. 13

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

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

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

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

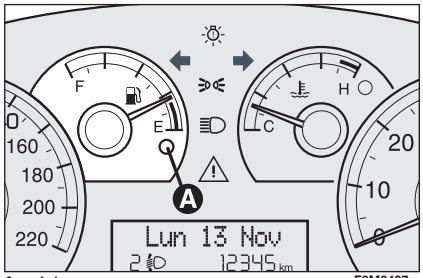


fig. 14 F0M0407m

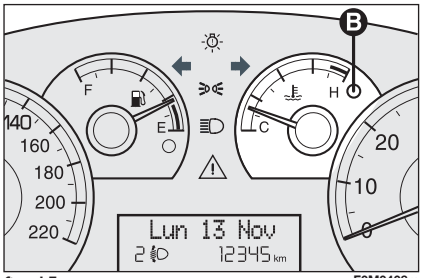


fig. 15 F0M0408m

FUEL LEVEL GAUGE fig. 14

This shows the amount of fuel left in the tank.

E tank empty.

F full tank.

The reserve warning light **A** turns on to indicate that approximately 7 litres of fuel are left in the tank.

Do not travel with the fuel tank almost empty: the gaps in fuel delivery could damage the catalyst.

See the description in the "Refuelling" paragraph.

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

ENGINE COOLANT TEMPERATURE GAUGE fig. 15

This shows the temperature of the engine coolant fluid and starts working when the fluid temperature exceeds approx. 50 °C.

Under normal usage, the needle should hover around the middle of the scale according to the working conditions.

C Low engine coolant temperature.

H High engine coolant temperature.

Warning light **B** may light up (and a message on the multifunctional display may appear in certain versions) to indicate that the coolant fluid temperature is too high; in this case, stop the engine and contact a Fiat Dealership.

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

DIGITAL DISPLAY

STANDARD SCREEN fig. 16

The standard screen shows the following information:

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

B Time (always displayed, even with key extracted and front doors closed)

C Odometer (distance covered in kilometres or miles) and TRIP computer data.

D Start&Stop indicator (for versions/ markets where provided)

E Gear Shift Indicator (for versions/ markets where provided).

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

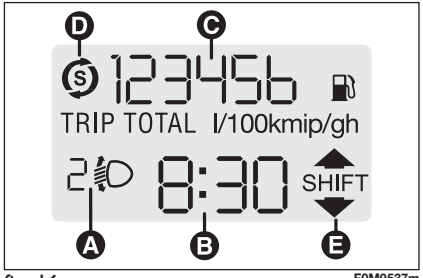


fig. 16 F0M0537m

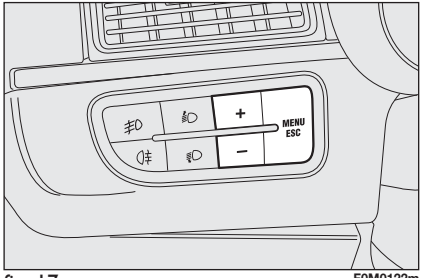


fig. 17 F0M0122m

CONTROL BUTTONS fig. 17

+ To scroll the displayed menu and the related options upwards or to increase the displayed value.

MENU ESC Press briefly to display the menu menu and/or go to next screen or confirm the required menu option.

Hold down to go back to the standard screen.

– To scroll the displayed menu and the related options downwards or to decrease the displayed value.

NB Buttons **+** and **–** activate different functions according to the following situations:

Controlling the car's interior lights

– on the standard screen, they control instrument panel brightness, the sound system and the automatic climate control system.

Setup menu

– within the menu, they scroll up and down;

– during settings operations, they increase or decrease values.

SETUP MENU

The menu comprises a series of functions arranged in a circle which can be selected through the **+** and **–** buttons to access the different operations and settings described in the following paragraphs.

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

Single presses on the **+** and **–** buttons will scroll the setup menu options.

Management modes differ from each other according to the option selected.

Selecting a menu option

– briefly press the **MENU ESC** button to select the menu option to set;

– press the **+** and **–** buttons (with single presses) to select the new setting;

– press briefly the **MENU ESC** button to store the new setting and go back to the previous menu option.

Selecting "Set Clock"

– briefly press the **MENU ESC** button to select the first value to change (hours);

– press the **+** and **–** buttons (with single presses) to select the new setting;

– briefly press the **MENU ESC** button to store the new setting and go to the next setup menu option (minutes);

– after setting the values with the same procedure, go back to the previous menu item.

Hold down the MENU ESC button:

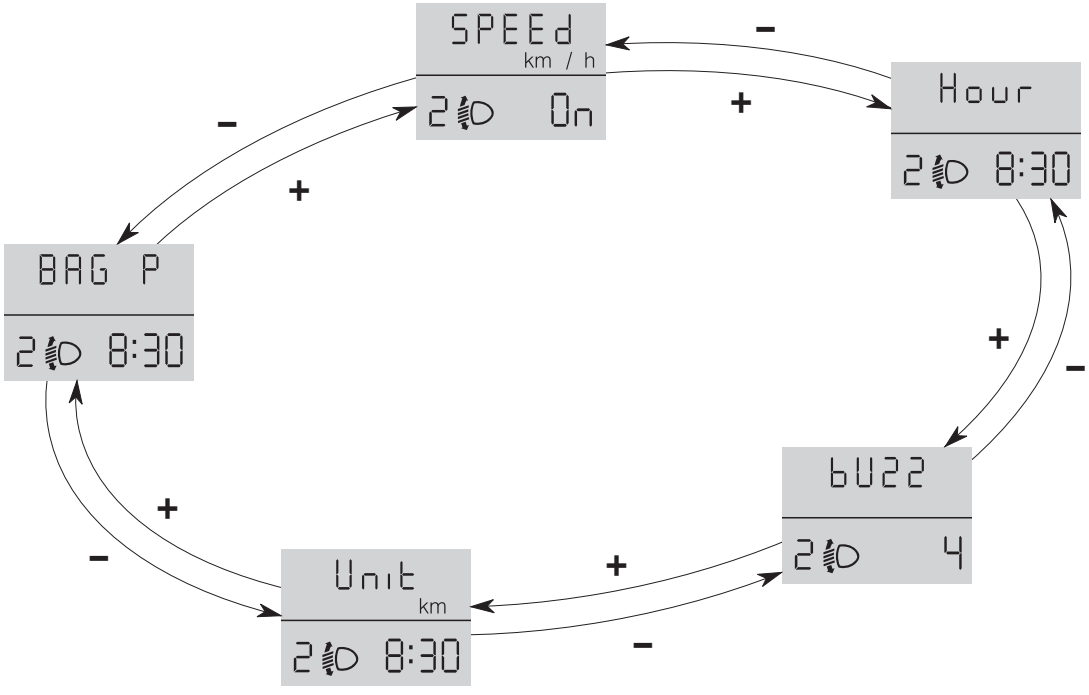
– to quit the setup menu if you are in the menu;

– to quit to the menu if you are setting an option;

– to save only the settings already stored (and confirmed by pressing the **MENU ESC** button).

The setup menu page is timed. Only the changes stored by the user by briefly pressing the **MENU ESC** button are saved when the menu is automatically closed.

On the standard screen, briefly press **MENU ESC** to start browsing. Press **+** or **–** to browse within the menu. **NB** For safety reasons, only the short menu may be accessed while the car is moving ("SPEEd" setting). Stop the car to access the full menu.



Setting the speed limit (SPEEd)

With this function, it is possible to set the car speed limit (km/h or mph). When this limit is exceeded, the driver is immediately alerted (see section "Warning lights and messages").

To set the desired speed limit, proceed as follows:

– briefly press **MENU ESC** – the message (SPEEd) and the previously set unit (km/h) or (mph) will appear on the display;

– press **+** or **–** to activate (On) or deactivate (Off) the speed limit;

– if the function is on, press **+** or **–** to select the required speed limit and then press **MENU ESC** to confirm;

NB The speed may be set in the range from 30 to 200 km/h, or from 20 to 125 mph according to the previously chosen unit (see "Setting the distance unit (Unit)" below). The setting will increase/decrease by five units each time **+/–** is pressed. Hold down **+/–** to increase/decrease the setting rapidly. When you get close to the desired value, finish the setting with single presses.

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

To cancel the setting, proceed as follows:

– briefly press **MENU ESC**: (On) will flash on the display;

– press **–**: (Off) will flash on the display;

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

Setting the clock (Hour)

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

To do so, proceed as follows:

– briefly press **MENU ESC** – the "hours" will flash on the display;

– press **+** or **–** to set the value;

– briefly press **MENU ESC** – the "minutes" will flash on the display;

– press **+** or **–** to set the value;

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

Adjusting the buzzer volume (BUZZ)

This function is used to adjust the volume of the buzzer that sounds in the event of failure/warning indications and when the **MENU ESC**, **+** and **–** buttons are pressed.

To set the desired volume, proceed as follows:

– briefly press **MENU ESC** – the display will show the wording (bUZZ);

– press **+** or **–** to select the required volume (adjustable over 8 levels).

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

Setting the distance unit (Unit)

With this function, it is possible to set the distance unit.

To do so, proceed as follows:

– briefly press **MENU ESC** – the display will show the wording (Unit) and the previously set unit (km) or (mi);

– press **+** or **–** to select the required distance unit.

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

Passenger front and side airbag activation/deactivation (BAG P)

(for versions/markets, where provided)

This function is used to activate/deactivate the front passenger's air bag.

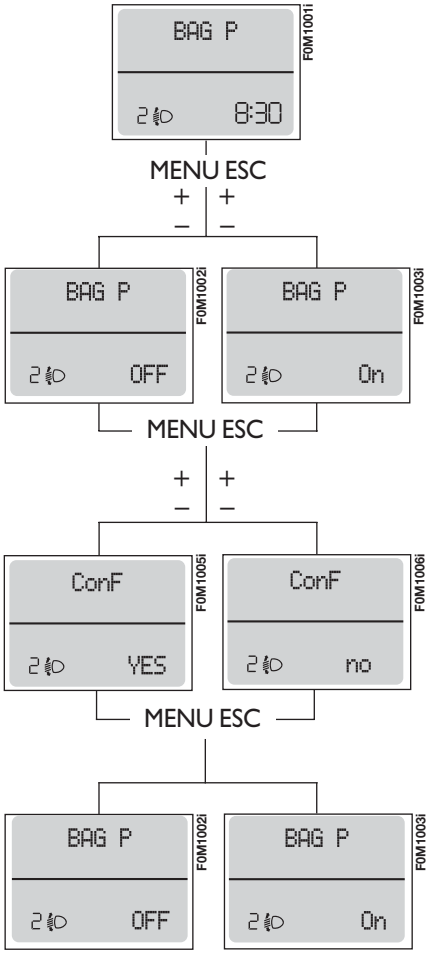
Proceed as follows:

❒ press **MENU ESC** and, after the message BAG P OFF (to deactivate) or BAG P On (to activate) is displayed by pressing buttons **+** or **–**, press **MENU ESC** again;

❒ the confirmation request message will be displayed;

❒ press **+** or **–** to select YES (confirming activation/deactivation) or no (to abort);

❒ briefly press **MENU ESC** to confirm setting and go back to the menu screen or hold the button down to go back to the standard screen without saving.



MULTIFUNCTION DISPLAY

(for versions/markets, where provided)

The car can be equipped with the multifunction display that, depending on previous settings, shows useful information when driving.

STANDARD SCREEN fig. 18

The standard screen shows the following information:

A Date.

B Odometer (distance covered in km or miles).

C Time (always displayed, even with key removed from the ignition and front doors closed).

D External temperature.

E Headlight alignment position (only with dipped beam headlights on).

F Start&Stop indicator (for versions/ markets where provided).

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

NB When one of the front doors is opened, the display turns on and shows for a few seconds the time and distance covered.

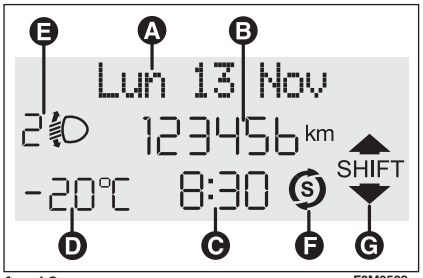


fig. 18 F0M0538m

CONTROL BUTTONS fig. 19

+ To scroll the displayed menu and the related options upwards or to increase the displayed value.

MENU ESC Press briefly to display the menu and/or go to the next screen or confirm your choice.

Hold down to go back to the standard screen.

– To scroll the displayed menu and the related options downwards or to decrease the value displayed.

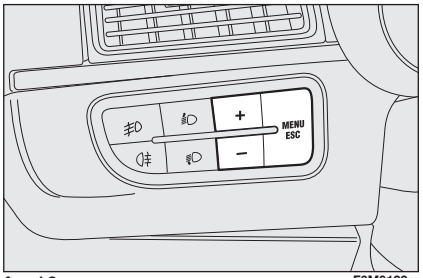


fig. 19 F0M0122m

NB The **+** and **–** buttons activate different functions according to the following situations:

Controlling the car's interior lights

– on the standard screen, they control instrument panel brightness, the sound system and the automatic climate control system.

Setup menu

– within the menu, they scroll up and down;

– during settings operations, they increase or decrease values.

SETUP MENU fig. 20

The menu comprises a series of functions arranged in a circle which can be selected through 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 briefly pressing **MENU ESC**.

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

Management modes differ from each other 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 to set.

– Press **+** or **–** (with single presses) to select the new setting;

– briefly press **MENU ESC** to store the new setting and go back to the previous main menu option.

Selecting an option from the main menu with a submenu:

– briefly press **MENU ESC** to display the first submenu option;

– Press **+** or **–** (with single presses) to scroll all the submenu options.

– Briefly press **MENU ESC** to select the displayed submenu option and open the relevant setup menu.

– Press **+** or **–** (with single presses) to select the new setting for this submenu option.

– briefly press **MENU ESC** to store the new setting and go back to the previous submenu option.

Selecting "Set 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 environment is timed. Only the changes saved by the user by briefly pressing **MENU ESC** will be stored when the menu is automatically closed.

On the standard screen, briefly press **MENU ESC** to start browsing. Press **+** or **–** to browse within the menu.
NB For safety reasons, only the short menu may be accessed while the car is moving ("Speed Beep" setting). Stop the car to access the full menu.

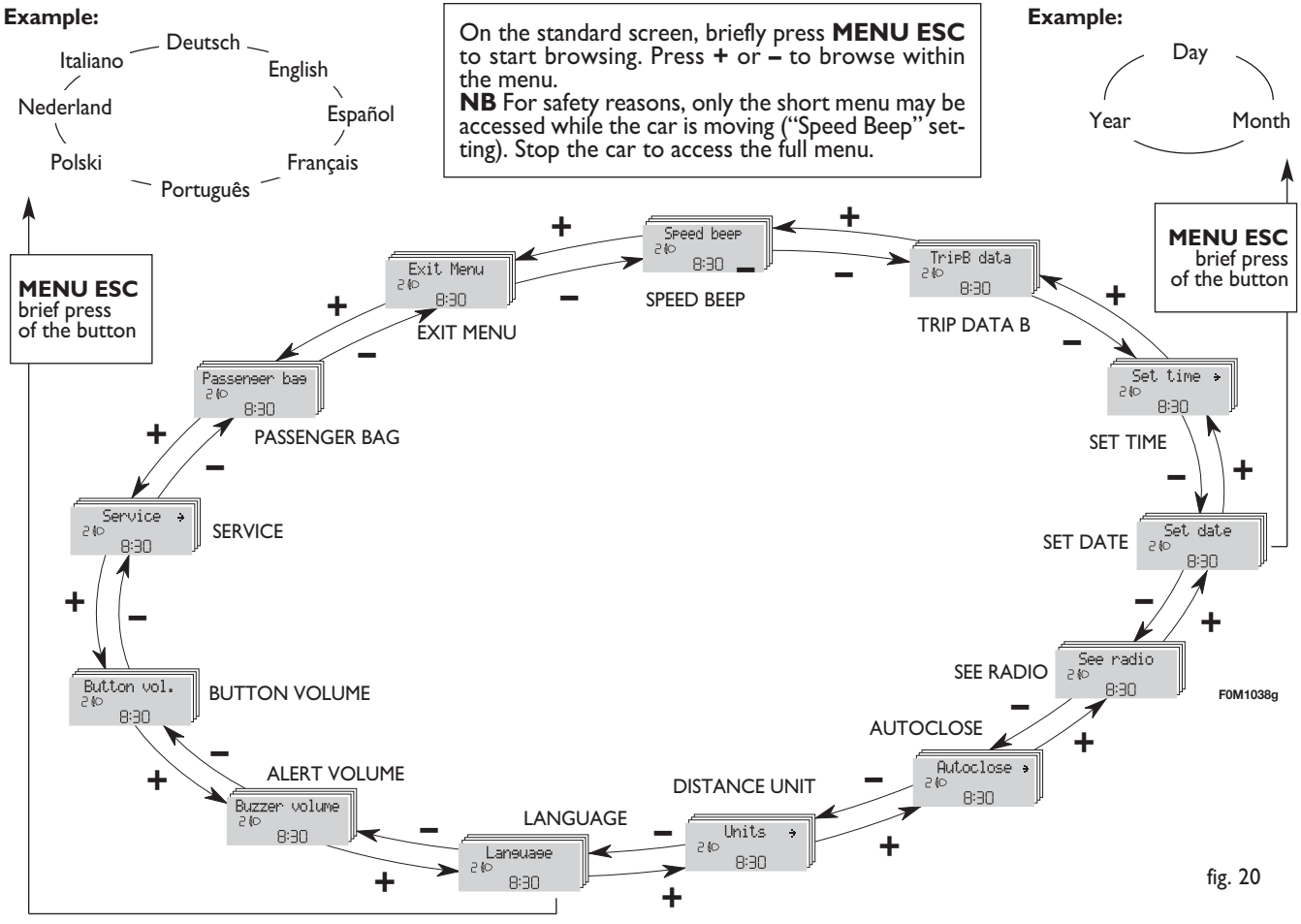


fig. 20

DISPLAY FUNCTIONS

Speed limit (Speed Beep)

This function is used to set the car speed limit (km/h or mph); the driver is immediately alerted when this limit is exceeded (see section "Warning lights and messages").

To set the desired speed limit, proceed as follows:

– briefly press **MENU ESC** – the display will show the wording (Speed Buzz);

– 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;

NB The speed may be set in the range from 30 to 200 km/h, or from 20 to 125 mph according to the previously chosen unit (see "Setting the distance unit (Unit)" described below). The setting will increase/decrease by five units each time **+/–** is pressed. Hold down **+/–** to increase/decrease the setting rapidly. Complete the setting with single presses of the button when the required setting is approached.

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

To cancel the setting, proceed as follows:

– briefly press **MENU ESC**: (On) will flash on the display;

– press **–**: (Off) will flash on the display;

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

Trip B activation (tripB data)

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

For more information see the "Trip computer" section.

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;

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

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 **MENU ESC** – the display will show the two sub-menus "Time" and "Mode";

– press **+** or **–** to switch between the two sub-menus;

– select the required option and then press **MENU ESC** briefly;

– *if selecting "Time"*, briefly press **MENU ESC** – the "hours" will flash on the display;

– press **+** or **–** to set the value;

– briefly press **MENU ESC** – the "minutes" will flash on the display;

– press **+** or **–** to adjust the value;

– *if selecting "Mode"*, briefly press **MENU ESC** – the mode will flash on the display;

– press **+** or **–** to select "24h" or "12h".

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

– hold **MENU ESC** down to go back to the standard screen or main menu, depending on where you are in the menu.

Setting date (Set Date)

Using this function it is possible to change the date (day – month – year).

To update, proceed as follows:

– briefly press **MENU ESC** – "day" (dd) will flash on the display;

– press **+** or **–** to set the value;

– briefly press **MENU ESC** – "month" (mm) will flash on the display;

– press **+** or **–** to set the value;

– briefly press **MENU ESC** – "year" (yyyy) will flash on the display;

– press **+** or **–** to make the adjustment.

NB The setting increases or decreases by one unit each time **+** or **–** is pressed. Hold the button down to increase/decrease the setting rapidly. Complete the setting with single presses of the button when you approach the required setting.

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

Initial page (display of information on the main screen)

(for versions/markets, where provided)

This function allows you to choose the information you would like to see on the main screen. You can choose to display the date or the turbocharger boost pressure.

To make your choice, proceed as follows:

– briefly press **MENU ESC** – "Initial page" will appear on the display;

– briefly press **MENU ESC** once again to show the display options "Date" and "Engine info";

– press **+** or **–** to select the information you wish to see on the main page of the display;

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

When the key is turned to **MAR** and the initial check stage is over, the display will show the information selected via the "Initial page" menu function.

Audio information (See sound system)

With this function the display shows information relevant to the sound system.

– Radio: selected radio station frequency or RDS message, automatic tuning activation or AutoSTore;

– CD, MP3: track number;

– CD Changer: CD number and track number;

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

– briefly press **MENU ESC** – On or Off will flash on the display (depending on the previous setting);

– press **+** or **–** to make your choice;

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

Automatic central door locking with car running (Autoclose)

When activated (On), this function automatically locks the doors when the car speed exceeds 20 km/h.

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

– briefly press **MENU ESC** to display a submenu;

– briefly press **MENU ESC** – On or Off will flash on the display (depending on the previous setting);

– press **+** or **–** to make your choice;

– briefly press **MENU ESC** to go back to the submenu screen or hold the button down to go back to the main menu without saving.

– hold **MENU ESC** down again to go back to the standard screen or main menu, depending on where you are in the menu.

Setting measurement units (Units of measurement)

With this function it is possible to set the measurement units through three sub-menus: “Distance”, “Consumption” and “Temperature”.

To set the desired measurement unit, proceed as follows:

– briefly press **MENU ESC** to display the three sub-menus;

– press **+** or **–** to switch between the three sub-menus;

– select the required option and then press **MENU ESC** briefly;

– *if selecting “Distance”*: briefly press **MENU ESC** and the display will show “km” or “mi” (depending on the previous setting);

– press **+** or **–** to make your choice;

– *if selecting “Consumption”*: briefly press **MENU ESC** and the display will show “km/l”, “l/100km” or “mpg” (depending on the previous setting);

If the distance unit set is "km" the fuel consumption unit will be displayed in km/l or l/100km.

If the distance unit set is "mi" the fuel consumption unit will be displayed in "mpg".

– press **+** or **–** to make your choice;

– *if selecting "Temperature"*: briefly press **MENU ESC** and the display will show "C" or "F" (depending on the previous setting);

– press **+** or **–** to make your choice;

When you have made the adjustment, briefly press **MENU ESC** to go back to the sub-menu screen or hold the button down to go back to the main menu without saving.

– hold down **MENU ESC** again to go back to the standard screen or main menu, depending on where you are in the menu.

Selecting language (Language)

Display messages can be shown in different languages: Italian, English, German, Portuguese, Spanish, French, Polish 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;

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

Adjusting the failure/warning buzzer volume (Alert Volume)

This function allows the volume of the buzzer which accompanies the display of failures/warnings to be adjusted (over 8 levels).

To set the desired volume, proceed as follows:

– briefly press **MENU ESC** – the previously set volume level will flash on the display;

– press **+** or **–** to set the value;

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

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 **+** or **–** to set the value;

– briefly press **MENU ESC** to return to the menu screen or hold the button down to return to the standard screen without saving.

Scheduled Servicing (Service)

Through this function it is possible to display information related to regular scheduling 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 "Measurement units" section);

– briefly press **MENU ESC** to go back to the menu screen or hold the button down to go back to the standard screen.

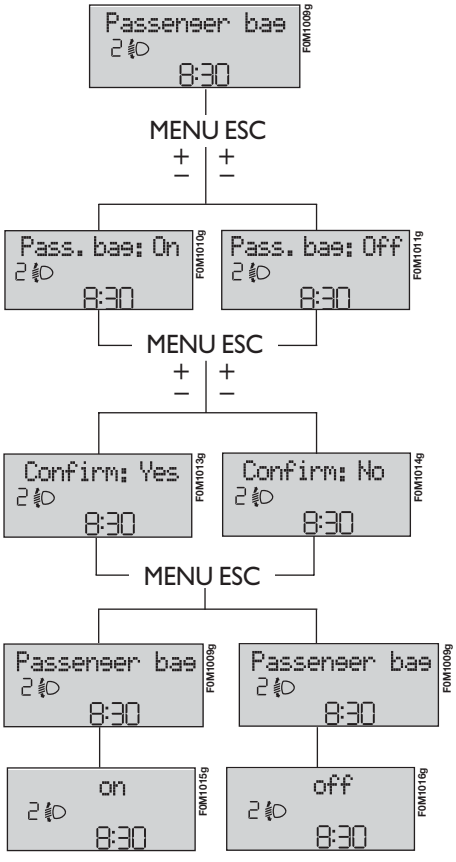
NB The "Scheduled Service Plan" requires the vehicle to be serviced every 30,000 km (or 18,000 mi). This indication will appear automatically, with the key at **MAR**, starting from 2,000 km (or 1,240 mi) and will be displayed every 200 km (or 124 mi). Below 200 km the signals become more frequent. The indication will appear in kilometres or miles depending on the unit of measurement settings. When the next scheduled service is approaching, and when the key is turned to **MAR**, the message "Service" will appear on the display followed by the number of kilometres or miles left. Go to a Fiat Dealership, where the "Scheduled Service Plan" operations will be performed and the message will be reset.

Passenger front and side airbag activation/deactivation (Passenger bag)
(for versions/markets, where provided)

This function is used to activate/deactivate the front passenger's air bag.

Proceed as follows:

- ❒ press **MENU ESC** and, after seeing messages "Bag pass: Off" (to deactivate) or "Bag pass: On" (to activate) by pressing buttons **+** and **–**, press **MENU ESC** again;
- ❒ the display will show the confirmation request message;
- ❒ press **+** or **–** to select either Yes (to confirm activation/deactivation) or No (to abort);
- ❒ briefly press **MENU ESC** to confirm setting and go back to the menu screen or hold the button down to go back to the standard screen without saving.



Menu exit

This function closes the cycle of settings listed in 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).

TRIP COMPUTER

Introduction

The "Trip computer" is used to display information on car operation when the key is turned to **MAR**. This function allows you to define two separate trips called "Trip A" and "Trip B" for monitoring the car's "complete journey" in a reciprocally independent manner.

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

"Trip A" shall be used to display the figures relating to:

– Outside temperature;

– Range

– Distance travelled

– Average consumption

– Instant consumption

– Average speed

– Travel time (driving time).

"Trip B", available on multifunction display only, shall be used to display the figures relating to:

– Distance travelled B

– Average consumption B

– Average speed B

– Travel time B (driving time).

NB "Trip B" functions may be excluded (see "Trip B on"). "Range" and "Instant consumption" parameters cannot be reset.

Values displayed

Outside temperature

Indicates the temperature outside the vehicle passenger compartment.

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:

– value lower than 50 km (or 30 mi)

– car left parked with engine running for a long time.

Distance travelled

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

Average consumption

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

Instant fuel 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 car's average speed based on the overall time elapsed since the start of the new journey.

Journey time

This value shows the time elapsed since the start of the new journey.

IMPORTANT If information is not available, the message "- - - -" will appear instead of the Trip Computer values. Counting of the different values will be resumed regularly when normal operation is restored. This will not cause any resetting of the values displayed before the failure nor the starting of a new journey.

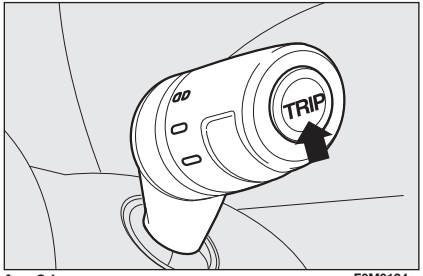


fig. 21 F0M0124m

TRIP control button fig. 21

The **TRIP** button located on the top of the right steering column stalk is used (with ignition at **MAR**) to display and reset the previously described values to start a new journey:

– press briefly to display the different values;

– hold down to reset and then start a new journey.

New journey

The new journey begins after:

– "manual" resetting by the user, by pressing the relevant button;

– "automatic" resetting, when the distance travelled reaches 3,999.9 km or 9,999.9 km (depending on the type of display) or when the travel time reaches 99.59 (99 hours and 59 minutes);

– disconnection/reconnection of the battery.

IMPORTANT The reset operation when "Trip A" details are being displayed resets only 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 trip procedure

With ignition at **MAR**, press and hold the **TRIP** button for over 2 seconds to reset.

Trip Exit

To quit the Trip function: keep **MENU ESC** pressed for over 2 seconds.

FRONTSEATS

WARNING

All adjustments must be made with the car stationary.

The fabric upholstery of your car is designed to withstand normal wear and tear for a long time. Some precautions are needed though. Avoid prolonged and/or excessive rubbing against clothing accessories such as metal buckles and Velcro strips which, by applying a high pressure on the fabric in a small area, could cause some threads to break, thereby damaging the upholstery.

Horiziontal adjustment fig. 22

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

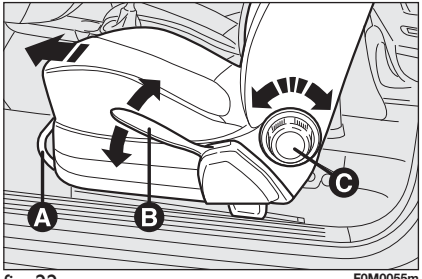


fig. 22 F0M0055m

WARNING

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

Height adjustment fig. 22

(for versions/markets, where provided)

Move lever **B** upwards or downwards to achieve the required height.

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

Backrest angle adjustment fig. 22

Turn knob **C**.

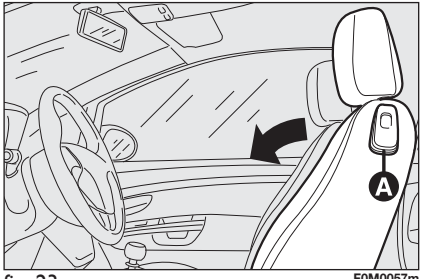


fig. 23 F0M0057m

WARNING

For maximum protection, keep the back of your seat upright, lean back into it and make sure the seat belt fits closely across your chest and hips.

Tilting the back rest (3-door versions) fig. 23

To access the rear seats, pull handle **A** upwards, the back rest will tilt and the seat can slide forward by pushing the back rest.

Bringing back the back rest the seat will return to its original position (mechanical memory).

WARNING

Always check that the seat is properly locked on the guides by trying to push it backwards and forwards.

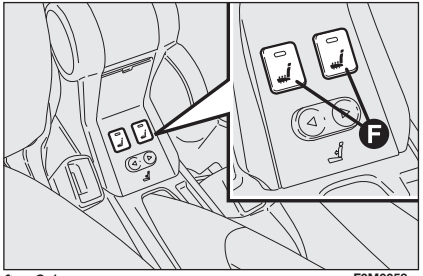


fig. 24 F0M0058m

Seat heating fig. 24
(for versions/markets, where provided)

With the key turned to **MAR**, press button **F** to switch the function on/off. When the function is enabled, the LED on the button turns on.

IMPORTANT Front seat heating control is linked to a thermostat, automatically deactivating heating when the preset temperature is reached.

REAR SEATS

To fold the rear seats, refer to the "Extending the boot" paragraph in this section.

The fabric upholstery of your car is designed to withstand normal wear and tear for a long time. Some precautions are needed though. Avoid prolonged and/or excessive rubbing against clothing accessories such as metal buckles and Velcro strips which, by applying a high pressure on the fabric in a small area, could cause some threads to break, thereby damaging the upholstery.

HEAD RESTRAINTS

FRONT HEAD RESTRAINTS fig. 25

On certain versions the head restraints are adjustable in height and they lock automatically in the required position.

To adjust head restraints, proceed as follows:

❒ upwards adjustment: lift the head restraint until it locks.

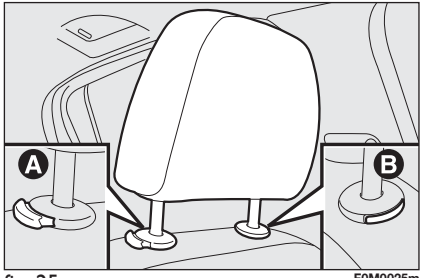


fig. 25 F0M0025m

❒ downwards adjustment: press button **A** and lower the head restraint.

Lifting off the front head restraints: press buttons **A** and **B** at the same time and lift.

WARNING

Head restraints must be adjusted so that the head, rather than the neck, rests on them. Only then can they protect your head correctly.

To make the best use of the head restraint protective action, adjust the seat back so that your trunk is upright and keep your head as close as possible to the head restraint.

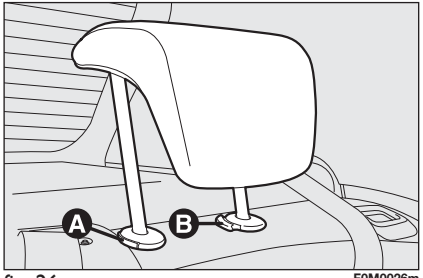


fig. 26 F0M0026m

REAR HEAD RESTRAINTS fig. 26

(for versions/markets, where provided)

To move the head restraint upwards, raise it until hearing the click (position of use).

To bring it back to the position of non-use, press button **A** and push the head restraint down into the back rest.

To extract the rear head restraints, press buttons **A** and **B** at the same time and lift.

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

STEERING WHEEL

The driver can adjust the height and axial position of the steering wheel (for versions/markets, where provided).

To carry out the adjustment, proceed as follows:

❒ release lever **A-fig. 27** by pushing it forwards (position **1**);

❒ adjust the steering wheel;

❒ lock lever **A** by pulling it towards the steering wheel (position **2**).

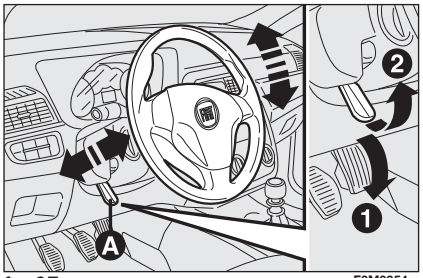


fig. 27 F0M0354m

WARNING

Any adjustment of the steering wheel position must be carried out only with the car stationary and the engine turned 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 car failing to comply with regulations.

MIRRORS

REAR-VIEW MIRROR fig. 28

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

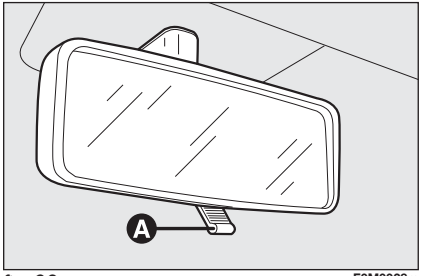


fig. 28 F0M0028m

The mirror can be adjusted to two different positions (normal or antiglare) by using lever **A**.

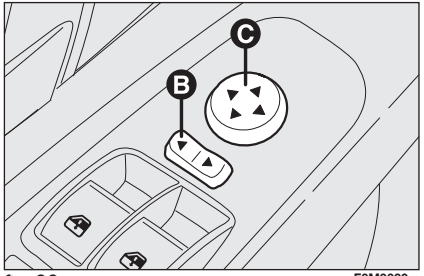


fig. 29 F0M0030m

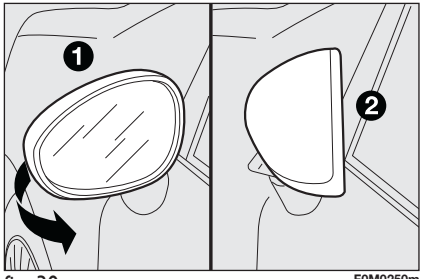


fig. 30 F0M0250m

WING MIRRORS

Adjustment fig. 29

This operation is possible only with the key turned to **MAR**.

To carry out the adjustment, proceed as follows:

❒ use switch **B** to select the required mirror (left or right);

❒ to adjust the mirror, move switch **C** in the four directions;

Folding

When required (for example when the shape causes difficulty in narrow spaces), it is possible to fold the mirrors by moving them from position **1-fig. 30** to position **2**.

When driving, the mirrors should always be in position 1-fig. 30.

Defrosting/demisting

(for versions/markets, where provided)

The mirrors are fitted with resistors that are activated when the heated rear windscreen is turned on (by pressing button).

IMPORTANT This function is timed and it will turn off automatically after a few minutes.

WARNING

As the driver's wing mirror is curved, it may slightly alter the perception of distance.

HEATING AND VENTILATION SYSTEM

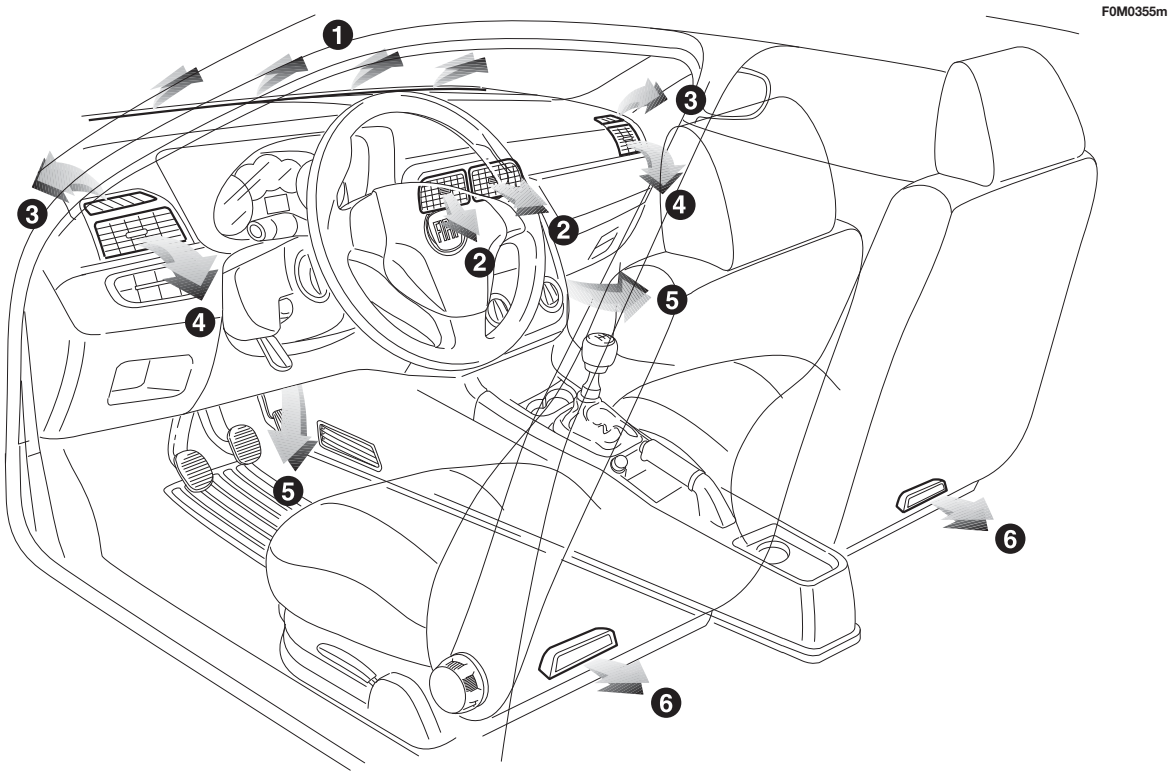


fig. 31

1. Upper fixed vent – **2.** Adjustable central vents – **3.** Fixed side vents – **4.** Adjustable side vents – **5.** Lower vents for front seats – **6.** Lower vents for rear seats

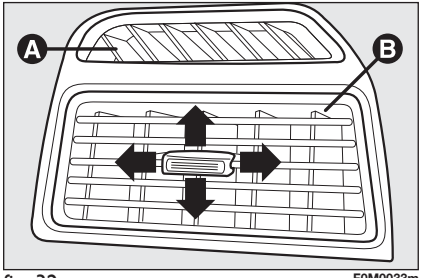


fig. 32 F0M0033m

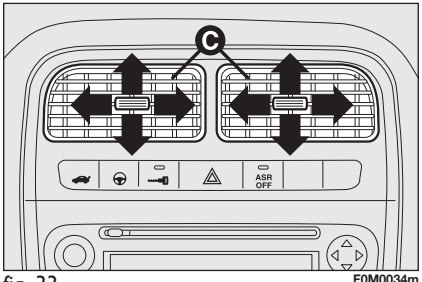


fig. 33 F0M0034m

ADJUSTABLE SIDE AND CENTRAL VENTS fig. 32-33

A Fixed vent for side windows.

B Adjustable side vents.

C Adjustable central vents.

Vents **A** are fixed.

To use vents **B** and **C**, adjust them as required.

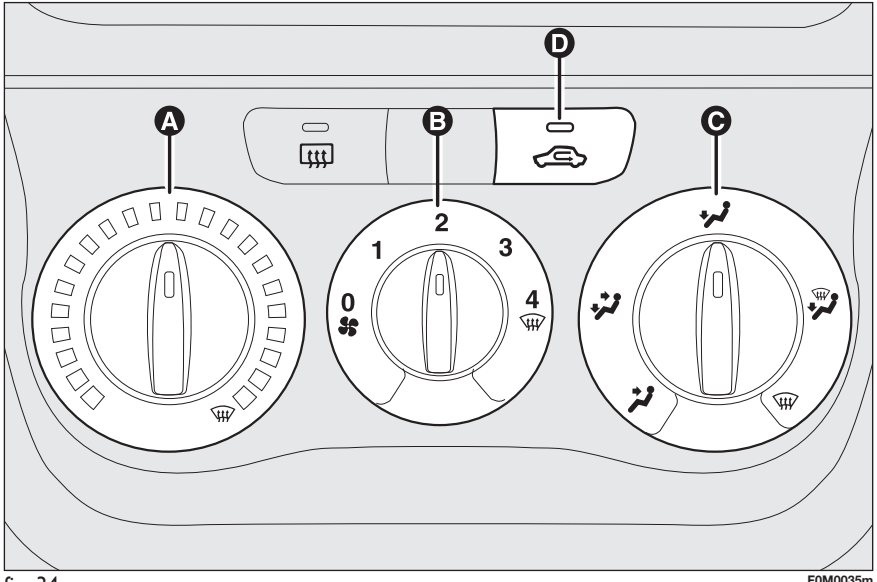


fig. 34 F0M0035m

CONTROLS fig. 34

Knob A regulates the air temperature (mixing hot and cold air)

Red section = hot air

Blue section = cold air

Knob B activates/adjusts the fan

0 = fan off

1-2-3 = ventilation speed

4 = max. fan speed

Knob C adjusts air distribution

- to direct air to the centre and side vents;
- to send air to the feet and direct cooler air to the dashboard vents, in intermediate temperature conditions;
- for heating when the outside temperature is very low: to direct as much air as possible to the feet;
- to warm the feet and, at the same time, demist the windscreen;
- to quickly de-mist the windscreen.

Button D turns air recirculation on/off

Press the button (button LED on) to turn the air internal recirculation on.

Press the button (button LED off) to turn air internal recirculation off.

PASSENGER COMPARTMENT VENTILATION

To ventilate the passenger compartment properly, proceed as follows:

❒ turn knob **A** to blue section;

❒ turn air internal recirculation off by pressing button **D** (button LED off);

❒ turn knob **C** to ;

❒ turn knob **B** to the required speed.

PASSENGER COMPARTMENT HEATING

Proceed as follows:

❒ turn knob **A** to red section;

❒ turn knob **C** to the required position;

❒ turn knob **B** to the required speed.

RAPID PASSENGER COMPARTMENT HEATING

For the rapid heating of the passenger compartment, proceed as follows:

❒ turn knob **A** to red section;

❒ turn air internal recirculation on by pressing button **D** (button LED on);

❒ turn knob **C** to ;

❒ turn knob **B** to **4** (max. fan speed).

Then use the controls to keep the required comfort conditions and press button **D** to turn air internal recirculation off (button LED off) and prevent misting up.

IMPORTANT With a cold engine, you have to wait for a few minutes to let the system fluid reach optimum operating temperature.

FRONT FAST DEMISTING/ DEFROSTING (WINDSCREEN AND SIDE WINDOWS)

Proceed as follows:

❒ turn knob **A** to red section;

❒ turn air internal recirculation off by pressing button **D** (button LED off);

❒ turn knob **C** to ;

❒ turn knob **B** to **4** (max. fan speed).

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

Window demisting

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

❒ turn knob **A** to red section;

❒ turn air internal recirculation off by pressing button **D** (button LED off);

❒ turn knob **C** to or to if the windows do not demist;

❒ turn knob **B** to 2nd speed.

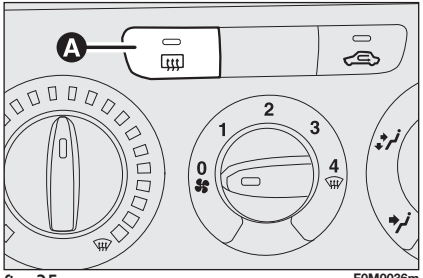


fig. 35 F0M0036m

HEATED REAR WINDSCREEN AND WING MIRRORS DEMISTING/DEFROSTING fig. 35

(for versions/markets, where provided)

Press button **A** to activate; when this function is on, the button LED lights up.

This function is timed and will turn off automatically after 20 minutes. Press **A** again to switch it off before 20 minutes elapses.

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.

INTERNAL AIR RECIRCULATION ACTIVATION

Press so that the button LED is on.

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 many passengers on board, to prevent the windows from misting up.

IMPORTANT The air internal recirculation system makes it possible to reach the required heating or cooling conditions faster.

Do not use the air internal recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting up.

MANUAL CLIMATE CONTROL

(for versions/markets, where provided)

CONTROLS fig. 36

Knob A regulates the air temperature (mixing hot and cold air)

Red section = hot air

Blue section = cold air

Knob B activates/adjusts the fan

0 = fan off

1-2-3 = ventilation speed

4 = max. fan speed

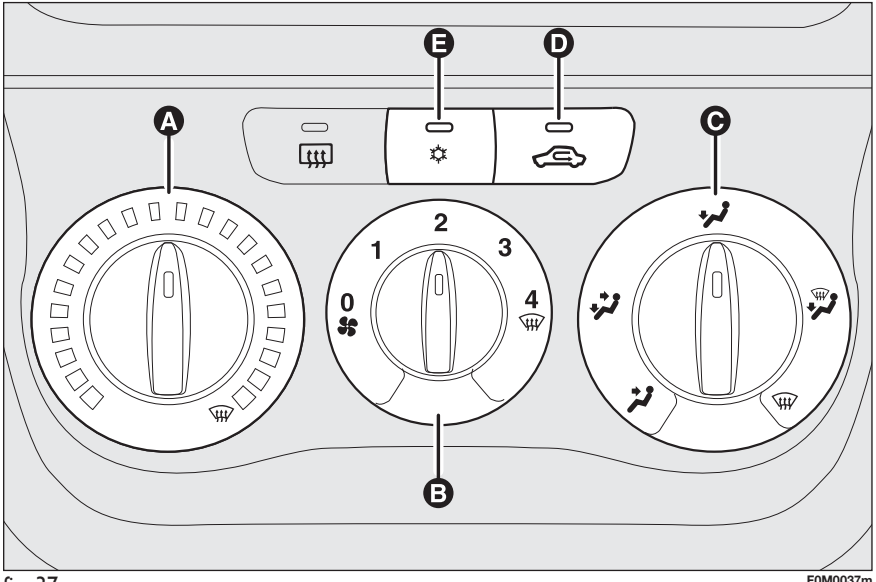


fig. 37 F0M0037m

Knob C adjusts air distribution

- to direct air to the centre and side vents;
- to send air to the feet and direct cooler air to the dashboard vents, in intermediate temperature conditions;
- for heating when the outside temperature is very low: to direct as much air as possible to the feet;
- to warm the feet and, at the same time, demist the windscreen;
- to quickly de-mist the windscreen.

Button D turns air recirculation on/off

Press the button (button LED on) to turn the air internal recirculation on.

Press the button again (button LED off) to turn the air internal recirculation off.

Button E turns climate control system on/off

Press the button (button LED on) to turn the climate control system on.

Press the button again (button LED off) to turn the climate control system off.

PASSENGER COMPARTMENT VENTILATION

To ventilate the passenger compartment properly, proceed as follows:

❒ turn knob **A** to the blue section;

❒ turn air internal recirculation off by pressing button **D** (button LED off);

❒ turn knob **C** to ;

❒ turn knob **B** to the required speed.

CLIMATE CONTROL (cooling)

For fast cooling of the passenger compartment, proceed as follows:

❒ turn knob **A** to the blue section;

❒ turn air internal recirculation on by pressing button **D** (button LED on);

❒ turn knob **C** to ;

❒ press button **E** to turn the climate control system on; the LED on button **E** will come on;

❒ turn knob **B** to **4** (max. fan speed).

Cooling adjustment

❒ turn knob **A** to the right to increase the temperature;

❒ turn air internal recirculation off by pressing button **D** (button LED off);

❒ turn knob **B** to reduce the fan speed.

PASSENGER COMPARTMENT HEATING

Proceed as follows:

❒ turn knob **A** to red section;

❒ turn knob **C** to the required symbol;

❒ turn knob **B** to the required speed.

RAPID PASSENGER COMPARTMENT HEATING

For the rapid heating of the passenger compartment, proceed as follows:

❒ turn knob **A** to red section;

❒ turn air internal recirculation on by pressing button **D** (button LED on);

❒ turn knob **C** to ;

❒ turn knob **B** to **4** (max. fan speed).

Then use the controls to keep the required comfort conditions and press button **D** to turn air internal recirculation off (button LED off).

IMPORTANT With the engine cold you have to wait for a few minutes to let the system fluid reach the optimum operating temperature.

FRONT FAST DEMISTING/ DEFROSTING (WINDSCREEN AND SIDE WINDOWS)

Proceed as follows:

❒ turn knob **A** to red section;

❒ turn knob **B** to **4** (max. fan speed);

❒ turn knob **C** to ;

❒ turn air internal recirculation off by pressing button **D** so the button LED goes out.

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

IMPORTANT The climate control system is very useful for faster demisting because it dries the air. Adjust the controls as described above and press button **E** to switch the climate control system on; the LED on the button will light up.

Window demisting

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

❒ turn knob **A** to red section;

❒ turn air internal recirculation off by pressing button **D** so the button LED goes out;

❒ turn knob **C** to ⊞ or to ⊞ if the windows do not demist;

❒ turn knob **B** to 2nd speed.

IMPORTANT The climate control system is very useful to prevent the windows misting up in the presence of high humidity since it dries the air introduced into the passenger compartment.

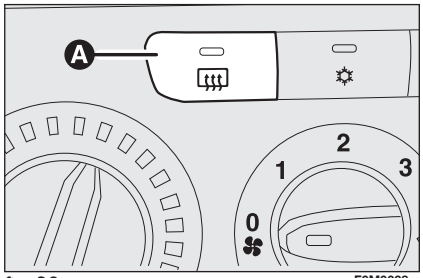


fig. 38 F0M0038m

HEATED REAR WINDSCREEN AND WING MIRRORS DEMISTING/DEFROSTING fig. 38

(for versions/markets, where provided)

Press button **A** to activate; when this function is on, the button LED lights up.

This function is timed and will turn off automatically after 20 minutes. Press **A** again to switch it off before 20 minutes elapses.

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.

INTERNAL AIR INTERNAL RECIRCULATION ACTIVATION

Press so that the button LED is on.

It is advisable to switch the internal air internal 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 many passengers on board, to prevent the windows from misting up.

IMPORTANT The air internal recirculation system makes it possible to reach the required heating or cooling conditions faster.

Do not use the air internal recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting up.

LOOKING AFTER THE SYSTEM

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.

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

EXTERIOR LIGHTS

The left-hand stalk **fig. 39** operates most of the external lights.

The external lights can be switched on only when the key is turned to **MAR**.

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

LIGHTS OFF

Twist switch turned to position **O**.

SIDELIGHTS – TAIL LIGHTS

Twist the switch to position ☼.

The light on the instrument panel comes on.

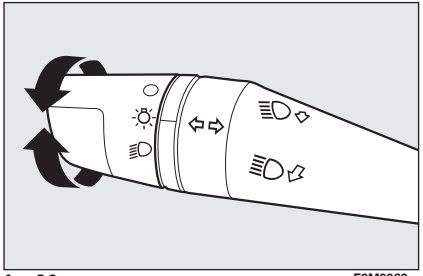


fig. 39 F0M0060m

DIPPED BEAM HEADLIGHTS

Twist the switch to position .

The light on the instrument panel comes on.

MAIN BEAM HEADLIGHTS

When the twist switch is at , pull the stalk towards the steering wheel (2nd temporary position).

The warning light on the instrument panel will come on.

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

FLASHING THE HEADLIGHTS

Pull the stalk towards the steering wheel (1a temporary position) regardless of the position of the twist switch. The warning light on the instrument panel will come on.

DIRECTION INDICATORS fig. 40

Put the stalk in the permanent position:

❒ Up (position **1**): right-hand direction indicator;

❒ Down (position **2**): left-hand direction indicator.

The ⇨ or ⇦ lights will blink on the instrument panel.

Indicators are switched off automatically when the steering wheel is straightened.

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 side selected will be activated for 5 flashes and then go out automatically.

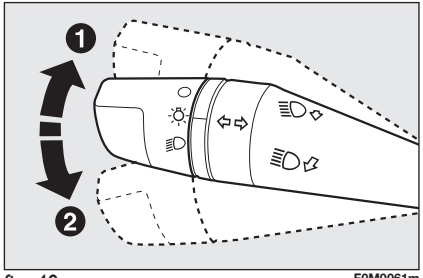


fig. 40 F0M0061m

"FOLLOW ME HOME" DEVICE

This will light up the space in front of the vehicle for a certain period of time.

Activation

With the key turned to **STOP** or removed, pull the left-hand stalk towards the steering wheel within 2 minutes from when the engine is turned 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.

When the stalk is moved, the light on the instrument panel will light up and the corresponding message will appear in the display (see "Warning lights and messages") as long as the function is 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 WASHING

The right stalk **fig. 41** controls windscreen wiper/washer and rear window wiper/washer operation.

WINDSCREEN WASHER/WIPER

This can work only when the key is turned to **MAR**.

The twist switch on the right stalk can be moved to four different positions:

- **O** windscreen wiper off;
- ⊏⊐ intermittent operation;
- ⊂⊃ continuous slow operation;
- ⊂⊃ continuous fast operation.

Move the stalk to position **A** (temporary) to limit operation to the time for which the stalk is held in this position. When released, the stalk returns to its default position, automatically stopping the wiper.

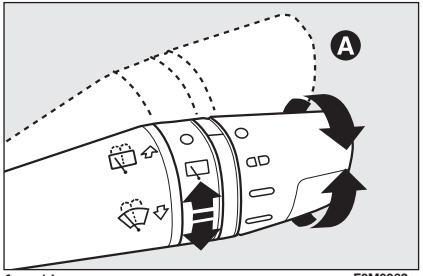


fig. 41 F0M0062m

With the twist switch in position ⊏⊐, the windscreen wiper will automatically adapt to the speed of the car.

IMPORTANT Replace the wiper blades as specified in the "Car maintenance" section.

Do not use the windscreen wiper 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. If operation is not restored, even after turning the key and restarting the engine, go to a Fiat Dealership.

"Smart washing" function

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

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

The wiper stops working three strokes after releasing the stalk.

A further stroke 6 seconds later completes the wiping operation.

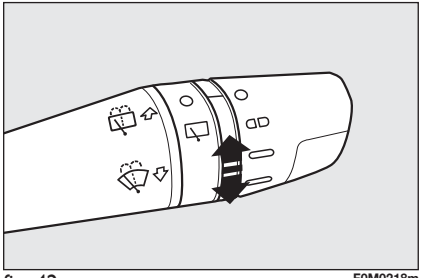


fig. 42

REAR WINDOW WASHER/WIPER fig. 42

This can work only when the key is turned to **MAR**.

The function stops when the stalk is released.

Turning the twist switch from **O** to ⊡ will operate the rear window wiper as follows:

❒ intermittent operation if the windscreen wiper is off;

❒ synchronised operation (but with half-stroke frequency) when the windscreen wiper is on;

❒ continuous operation with reverse engaged and function on.

The rear window wiper will run in continuous mode when the windscreen wiper is on and reverse gear is engaged.

Pushing the stalk towards the dashboard (temporary position) will activate the rear window washer jet.

Keeping the stalk pushed for more than half a second will also activate the rear window wiper.

Smart wash function is activated when the stalk is released, like for the windscreen wiper.

Do not use the rear window wiper to remove layers of snow or ice. In such conditions, the rear window wiper may be subjected to excessive stress, prompting intervention from the motor protection which prevents operation for a few seconds. If operation is not restored, even after turning the key and restarting the engine, go to a Fiat Dealership.

CEILING COURTESY LIGHTS

FRONT CEILING LIGHT WITH TOUCH ACTIVATION

The light will turn on/off by pressing the right or left side as shown in **fig. 43**.

FRONT CEILING LIGHT WITH SPOT LIGHTS

(for versions/markets, where provided)

Switch **A-fig. 44** turns these lights on/off.

With switch **A-fig. 44** in a central position, lights **C** and **D** will turn on/off when opening/closing the front doors.

With switch **A-fig. 44** pressed on the left side, lights **C** and **D** will always stay off.

With switch **A-fig. 44** pressed on the right side, lights **C** and **D** will always stay on.

The lights switch on/off progressively.

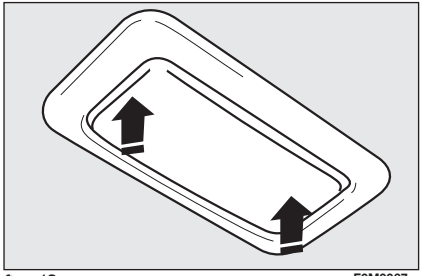


fig. 43 F0M0067m

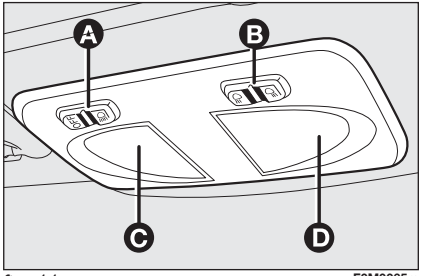


fig. 44 F0M0065m

Switch **B-fig. 44** performs the spot light function; with the ceiling light off, it will turn on:

❒ light **C** if pressed on the left side;

❒ light **D** if pressed on the right side.

CAUTION Before getting out of the car, make sure both switches are in the central position; when the doors are closed, the lights switch off to prevent the battery from running 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.

Courtesy light timing

On certain versions, to facilitate getting in/out of the car at night or in poorly-lit areas, two timed modes have been provided.

TIMING WHEN GETTING INTO THE CAR

The courtesy lights switch on as follows:

❒ for about 10 seconds when unlocking the front doors;

❒ for about 3 minutes when opening one of the side doors;

❒ for about 10 seconds when closing the doors.

The timed period is interrupted when the ignition is turned to **MAR**.

TIMING WHEN GETTING OUT OF THE CAR

After removing the key from the ignition, the courtesy lights switch on as follows:

❒ within 2 minutes from turning the engine off for about 10 seconds;

❒ when opening one of the side doors for about 3 minutes;

❒ when one of the doors is closed for a period of about 10 seconds.

The timed period stops automatically when the doors are locked.

HAZARD WARNING LIGHTS
fig. 45

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

When the device is on, the lights ⇦ and ⇨ on the instrument panel come on.

Press the switch again to turn the lights off.

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

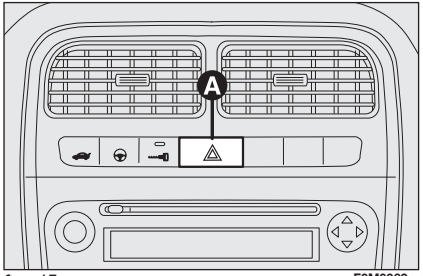


fig. 45 F0M0069m

Emergency braking

During emergency braking, the hazard warning lights come on automatically and lights ⇦ and ⇨ on the panel come on at the same time.

The function switches off automatically when the nature of the braking changes.

This function complies with the relevant legal regulations currently in force.

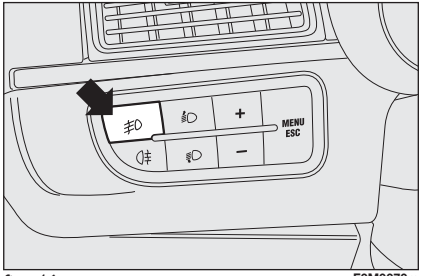


fig. 46 F0M0070m

FOG LIGHTS fig. 46
(for versions/markets, where provided)

Press button ≢D to activate.

The ≢D light on the instrument panel will come on.

Press the button again to turn the lights off.

When the fog lights are on, the side/tail-lights and number plate lights also come on, while the daytime running lights go off irrespective of the position of the twist switch.

The use of fog lights is governed by the highway code of the country in which you are driving. Keep to the rules.

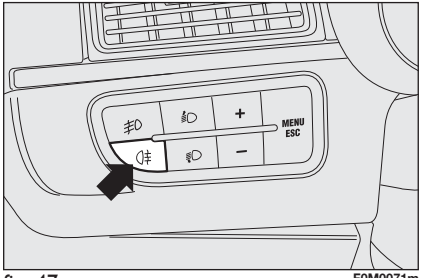


fig. 47 F0M0071m

REAR FOG LAMPS fig. 47

Press button to turn these lights on with the dipped beam headlights or the front fog lights (for versions/markets, where provided) switched on.

The light on the instrument panel will come 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).

The use of rear fog lamps is governed by the highway code of the country you are in. Keep to the rules.

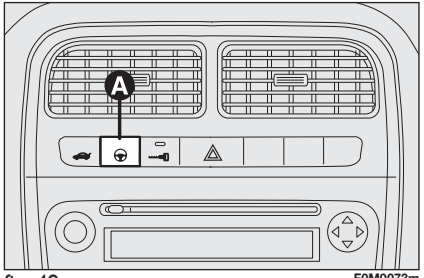


fig. 48 F0M0073m

PARKING LIGHTS

These lights can be turned on, only with the key turned to **STOP** or removed, by turning the twist switch on the left stalk first to **O** and then to or .

The light on the instrument panel comes on.

DUALDRIVE ELECTRIC POWER STEERING SYSTEM fig. 48

Press button **A** to activate the "**CITY**" function (see the "Electric power steering system" paragraph in this section). When the function is active, the word **CITY** is lit up on the instrument panel. Press the button again to deactivate the function.

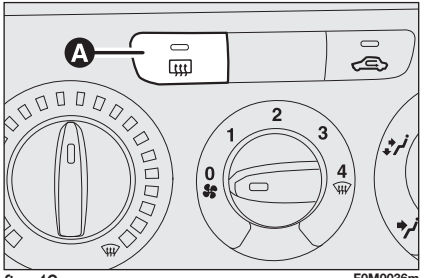


fig. 49 F0M0036m

HEATED REAR WINDOW fig. 49

Press button **A** to activate. The device will be switched off automatically after approximately 20 minutes.

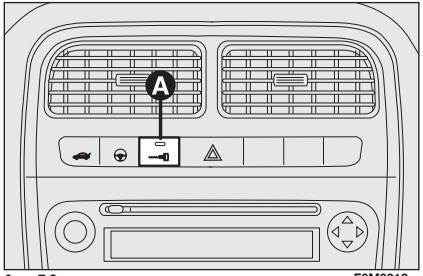


fig. 50

DOOR LOCKING fig. 50

To lock all doors at the same time, press button **A**, located on the central console control panel, regardless of the position of the ignition key.

FUEL CUT-OFF SYSTEM

This system triggers after a collision and activates the following:

❒ cut-off of fuel supply with consequent switching off of the engine;

❒ automatic door unlocking;

❒ switching on of all interior lights.

When the system has been triggered, the message "Fuel cut off, see handbook" is displayed.

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

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

WARNING

If, after a crash, you smell fuel or notice leaks from the fuel system, do not reactivate the system to avoid the risk of fire.

Door unlocking in the event of a crash

If the fuel cut-off switch trips following an accident, the doors will be automatically unlocked to allow access to the passenger compartment and the ceiling lights will be switched on at the same time. The doors can always be opened from the inside of the car by using the appropriate controls.

if no fuel leakage is found and the car is roadworthy, ensure the correct operation of the vehicle by adhering to the following instructions.

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

❒ turn the ignition key to **MAR**;

❒ activate the right-hand indicator;

❒ deactivate the right-hand indicator;

❒ activate the left-hand indicator;

❒ deactivate the left-hand indicator;

❒ activate the right-hand indicator;

❒ deactivate the right-hand indicator;

❒ activate the left-hand indicator;

❒ deactivate the left-hand indicator;

❒ turn the key to **STOP**.

INTERIOR FITTINGS

GLOVE BOX fig. 51-52

Use the handle to open the compartment **A-fig. 51**.

Inside the compartment there is a space **A-fig. 52** to keep documents (for versions/markets, where provided).

GLOVE COMPARTMENTS

glove compartment **A-fig. 53** is located in the dashboard, on the left of the steering wheel.

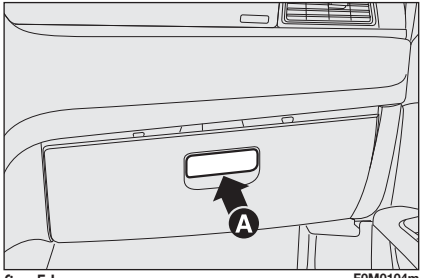


fig. 51 F0M0104m

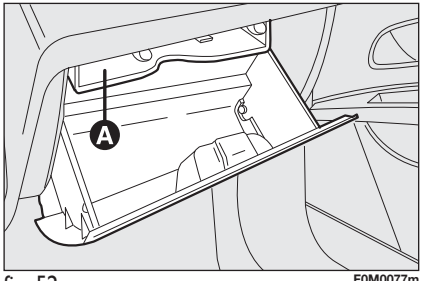


fig. 52 F0M0077m

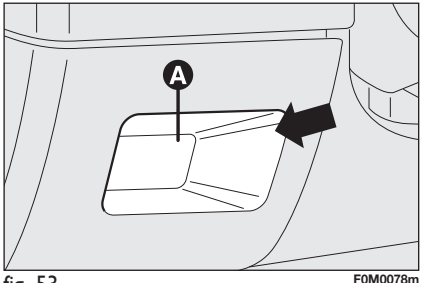


fig. 53 F0M0078m

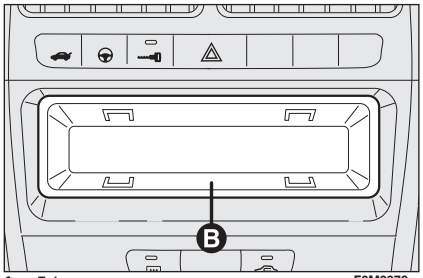


fig. 54 F0M0079m

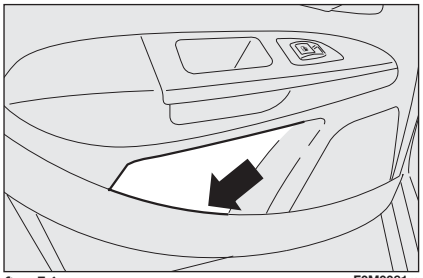


fig. 56 F0M0081m

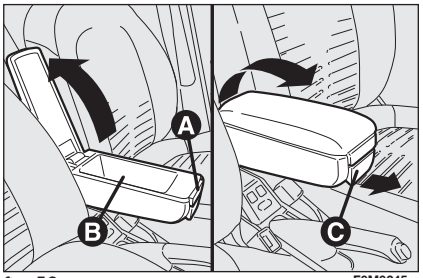


fig. 58 F0M0245m

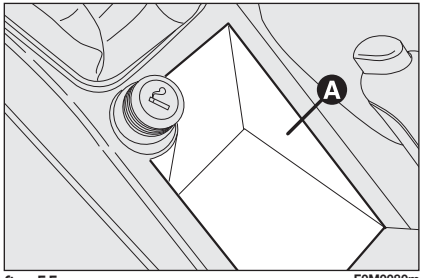


fig. 55 F0M0080m

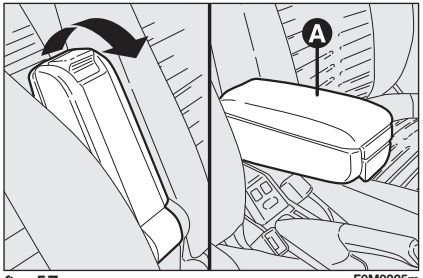


fig. 57 F0M0225m

Glove compartment **B-fig. 54** is located in the middle of the dashboard.

Glove compartment **B** can be removed to install a sound system.

CENTRAL CONSOLE GLOVE COMPARTMENT

Compartment **A-fig. 55** is located on the central console in front of the handbrake.

DOOR POCKETS fig. 56

There are document/map pockets located in each of the door panels.

FRONT ARMREST WITH GLOVE COMPARTMENT

(for versions/markets, where provided)

Certain versions are fitted with an armrest **A-fig. 67** between the front seats.

To use it as an armrest, push it down as shown in **fig. 57**.

Press button **A-fig. 58** to raise the upper part of the arm and access compartment **B**. Operate lever **C** to lower the angle of the armrest.

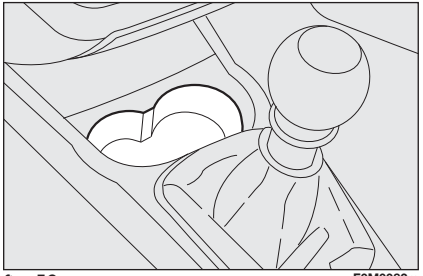


fig. 59 F0M0082m

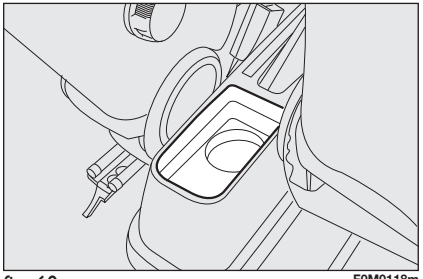


fig. 60 F0M0118m

CUP HOLDERS – CAN HOLDERS fig. 59-60

There are two cup/can holders in front of the handbrake and one behind it on the central console.

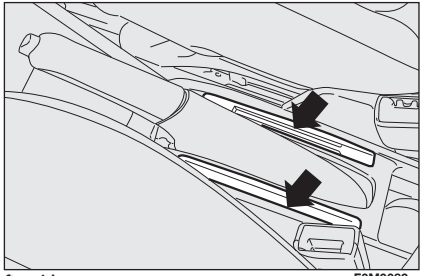


fig. 61 F0M0083m

CARD HOLDER – CD HOLDER fig. 61

The central console features slots for telephone cards CDs, magnetic cards or motorway toll tickets.

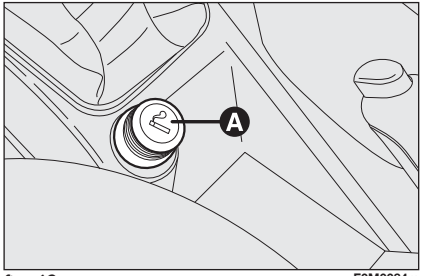


fig. 62 F0M0084m

CIGARETTE LIGHTER fig. 62

This is located on the central console in front of the handbrake.

Press button **A** to activate the cigarette lighter with ignition key at **MAR**.

After about 15 seconds the button will return to its original position and the cigarette lighter is ready for use.

IMPORTANT Always check that the cigarette lighter has turned itself off.

WARNING

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

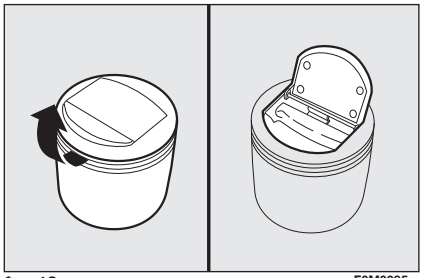


fig. 63 F0M0085m

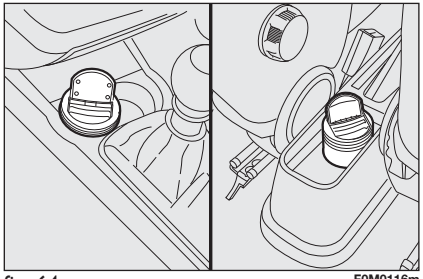


fig. 64 F0M0116m

ASHTRAY fig. 63-64

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

IMPORTANT Do not use the ashtray as a waste paper basket at the same time: fire hazard.

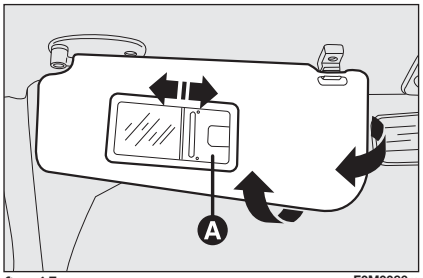


fig. 65 F0M0086m

SUN VISORS fig. 65

These are located at the sides of the rear view mirror. They may be positioned at the front and to the side.

A mirror can be applied to the back of the driver-side sun visor:

To use the mirror (for versions/markets, where provided), on some versions you need to open the sliding cover **A**.

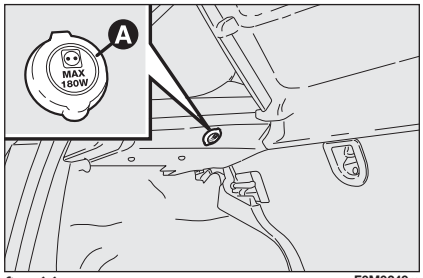


fig. 66 F0M0249m

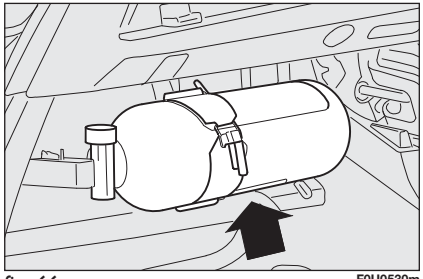


fig. 66a F0U0530m

SOCKET
(for versions/markets, where provided)

This is located in the boot, on the left side of the plastic support for the parcel shelf **fig. 66**.

To use it, open cap **A**.

EXTINGUISHER fig. 66a
(for versions/markets, where provided)

The extinguisher is located on the left side of the luggage compartment.

SKY DOME SUNROOF

(for versions/markets, where provided)

The large electric sunroof comprises two panes of glass, one of which is mobile and the other fixed. These are equipped with two shutters (front and rear) that can be moved manually. The shutters can be used in the "fully closed" or "fully open" positions (they have no fixed intermediate positions). To open the shutters: grip handle **A-fig. 68**, release it and move it in the direction of the arrows to the "fully open" position. To close them, carry out the procedure in reverse. The sunroof can be operated only when the ignition key is turned to **MAR**. The controls **A-B fig. 67** on a dedicated dashboard near the front ceiling lights open and close the sunroof.

To open

Press and hold button **B-fig. 67**, and the front pane will set to the "spoiler" position; press button **B-fig. 67** again for over half a second to make the sunroof slide automatically to the wide open position; press the button once more to stop the sunroof at an intermediate position.

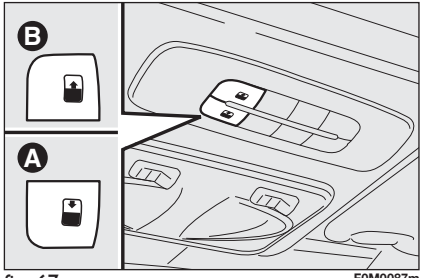


fig. 67 F0M0087m

To close

When in wide open position, press button **A-fig. 67** for over half a second to set the front pane to the "spoiler" position; press the button again to stop the sunroof at an intermediate position; press button **A-fig. 67** once more and hold it down to close the sunroof completely.

Use the sunroof only at "spoiler" position if a transverse roof rack is fitted.

Do not open the sunroof if there is snow or ice: it could be damaged.

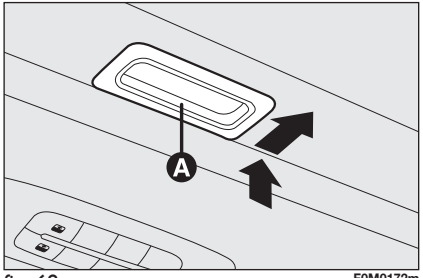


fig. 68 F0M0172m

WARNING

When leaving the car, always remove the key from the ignition to avoid the risk of injury due to accidental operation of the sunroof. Improper use of the roof can be dangerous. Before operation, always check that no-one is at risk of being injured by the moving sunroof or by objects getting caught and dragged by it.

ANTI-PINCH SAFETY SYSTEM

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

INITIALISATION PROCEDURE

The sunroof must be re-initialised after disconnecting the battery or if the relevant protection fuse is blown.

Proceed as follows:

❒ press button **A-fig. 67** at close position;

❒ hold the button down so that the sunroof closes in stages;

❒ after full closing, wait for sunroof's electric motor to stop.

When leaving the car, always remove the key from the ignition to avoid the risk of injury due to accidental operation of the sunroof. Improper use of the roof can be dangerous. Before and during operation, always check that no-one is exposed to the risk of being injured by the moving sunroof or by objects getting caught and dragged by it.

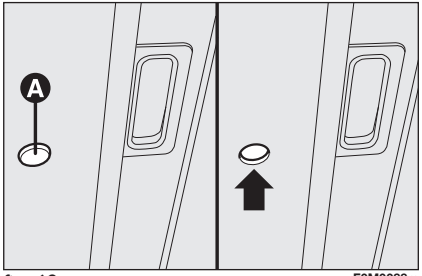


fig. 69

EMERGENCY OPERATION

If the switch fails, the sun roof can be moved manually as follows:

❒ remove the protection cap located between the two shutters;

❒ take the Allen key (provided as standard) from the toolbox in the boot;

❒ insert the key into hole **A-fig. 69** and turn it:

– clockwise to open the roof;

– anticlockwise to close the roof.

DOORS

CENTRAL DOOR LOCKING/ UNLOCKING SYSTEM

LOCKING FROM THE OUTSIDE

With the doors closed, press button 🔒 on the remote control **fig. 70** or insert the key into the lock of the door on the driver's side and turn it clockwise. Locking is signalled by the LED on button **A-fig. 72** coming on. The doors will be locked only if all doors are shut. If one or more doors are open after pressing button 🔒 on the remote control **fig. 70**, the direction indicators and the LED on button **A-fig. 72** flash quickly for approximately 3 seconds.

If one or more doors are open after turning the key, only the LED on button **A-fig. 72** will blink rapidly for approximately three seconds. If the doors are closed but the boot is open, the doors are locked: the direction indicators (only when locking is carried out using button 🔒 **fig. 70**) and the LED on button **A-fig. 72** flash quickly for approximately 3 seconds.

With this function active, it is however possible to unlock the other doors by pressing button **A-fig. 72** on the central panel.

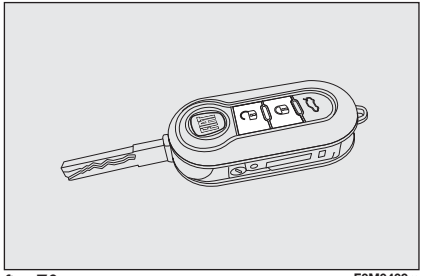


fig. 70 F0M0409m

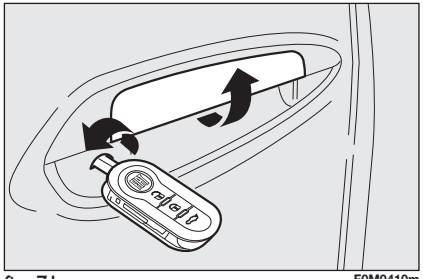


fig. 71 F0M0410m

Quickly pressing button 🔒 on the remote control **fig. 70** twice will engage the dead lock device (see paragraph "Dead lock device").

Door unlocking from the outside

Briefly press button 🔓 **fig. 70** to unlock the doors remotely, turn on the ceiling lights for a limited period and double flash the direction indicators, or insert the key into the driver's door lock and turn it anti-clockwise as shown in **fig. 71**.

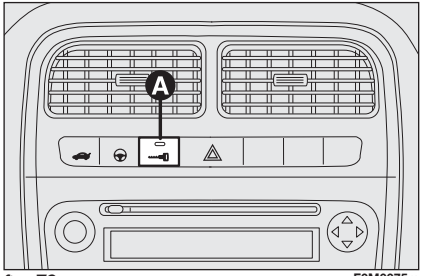


fig. 72 F0M0075m

Door locking/unlocking from the inside

Press button **A-fig. 72** to lock/unlock all doors. The button has an LED that indicates whether the doors are locked or unlocked. When the doors are locked, the LED is on and pressing the button brings about central unlocking of all the doors and turns off the LED. When the doors are unlocked, the LED is off and pressing the button brings about central locking of all the doors. The doors will be locked only if all the doors are properly shut.

Following the locking of the doors using:

❒ remote control;

❒ door catch;

it will not be possible to unlock them by pressing button **A-fig. 72** located on the dashboard.

IMPORTANT With central locking on, pulling the internal handle of one of the front doors will unlock that door. Individual doors can be unlocked by pulling the internal handle of one of the rear doors.

If a power supply is not present (blown fuse, battery disconnected, etc.) it is, however, possible to lock the doors manually.

After exceeding a speed of 20 km/h, all doors will be centrally locked automatically if the setup menu function has been selected (see paragraph "Multifunction display" in this section).

DEAD LOCK

(for versions/markets, where provided)

This safety device inhibits the operation of:

❒ interior handles;

❒ locking/unlocking button **A-fig. 72**;

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

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

WARNING

Once the dead lock system is engaged, it is impossible to open the doors from inside the vehicle. Before getting out of the car, please therefore check that there is no-one left on board. If the remote control battery is flat, the system can be disengaged only by inserting the key in either of the door locks as described previously: in this case the device remains active only for the rear doors.

Device activation

The dead lock device is automatically activated on every door by briefly pressing the remote control button 🔒 **fig. 70** twice.

Device activation is indicated by 3 flashes of the direction indicators and a flash of the LED on button **A-fig. 72** on the dashboard.

If one or more of the doors is not closed correctly, the dead lock device will not activate, thus preventing a person from getting stuck inside the passenger compartment by entering the car through, and then closing, the open door.

Device deactivation

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

❒ when opening the driver's door using the key without remote control;

❒ when unlocking doors using the remote control;

❒ when turning the ignition key to **MAR**.

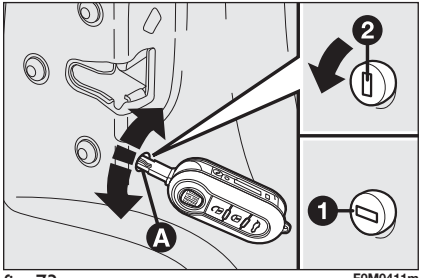


fig. 73 F0M0411m

CHILD LOCK (5-door versions) fig. 73

This system prevents the rear doors from being opened from the inside.

This device can be engaged only with the doors open.

❒ position **1** – engaged (door locked);

❒ position **2** – disengaged (door can be opened from inside).

The device **A-fig. 73** stays on even if the doors are unlocked by the centralised system.

WARNING

Always use this device when transporting children.

WARNING

After engaging the child lock on both rear doors, check for proper engagement by trying to open a rear door with the internal handle.

REAR DOORS EMERGENCY LOCK DEVICE (5-door versions) fig. 74

The rear doors are fitted with a device to lock doors when there is no current.

In this event, proceed as follows:

❒ insert the ignition key into latch **B**;

❒ turn it from position **2** to position **1** and close the door.

When the device is active, use the internal doors handles to open the rear doors.

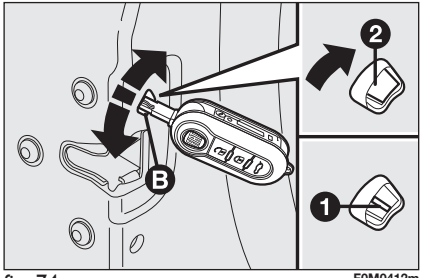


fig. 74 F0M0412m

WARNING

Do not activate the child lock device if the rear doors emergency lock device is already activated. If both have been activated, you need to use the interior handle to disengage the rear doors emergency locking system and then open the door from the outside.

WINDOWS

ELECTRIC

Two switches **fig. 75** on the armrest inside the driver's door control the following with the ignition key turned to **MAR**:

A opening/closing of the left front window;

B opening/closing the right front window.

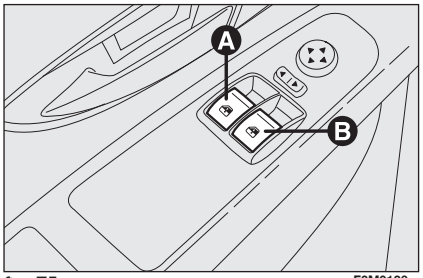


fig. 75 F0M0136m

Continuous automatic operation

The car has an automatic setting to raise and lower the driver-side front window.

Keep one of the buttons pressed for longer than half a second to operate the automatic continuous operation of the window. The window will stop when it is fully opened or closed, or when the button is pressed again.

IMPORTANT In the event that the anti-crushing function is activated 5 times in only 1 minute, the system will automatically enter the "recovery" mode (self-protection). This condition is apparent from the window closing in stages.

On such occasions, it is necessary to carry out the system restore procedure, acting as follows:

❒ open the windows;

or

❒ turn the ignition key to **STOP** and then to **MAR**.

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

IMPORTANT With the ignition key at **STOP** or removed, the windows remain activated for about 2 minutes and are deactivated as soon a door is opened.

WARNING

The system conforms to the 2000/4/EC standard concerning the safety of passengers leaning out of the passenger compartment.

IMPORTANT On some versions, pressing the remote control button 🔓 for over 2 seconds will open the windows, whereas pressing the remote control button 🔒 for over 2 seconds will close them.

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 either directly by the moving window or through objects getting caught and being dragged by it. When leaving the vehicle, always remove the key from the ignition to avoid the risk of injury to anyone remaining in the car due to accidental operation of the electric windows.

Electric window system initialisation

The system must be re-initialised after disconnecting the battery or if the relevant protection fuse is blown.

Initialisation procedure:

❒ fully close the window to be initialised manually;

❒ once fully closed, keep holding down the closing control for at least 1 second.

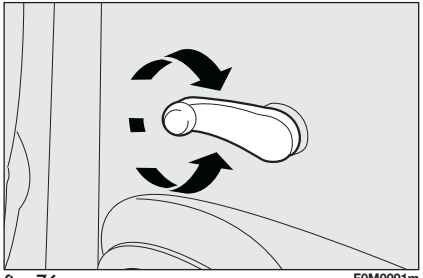


fig. 76

MANUAL REAR WINDOWS (5-door versions) fig. 76

To open and to close the window, use the relevant handle.

BOOT

Putting additional objects onto the parcel shelf or rear door (speakers, spoiler, etc.), except when approved by the manufacturer, can affect the correct operation of the side gas shock absorbers of the rear door itself.

WARNING

When using the boot, never exceed the maximum admissible loads (see section "Technical specifications"). Make sure that the objects are well arranged in the boot so that they will not be projected forwards following sudden braking, causing injury to passengers.

WARNING

When travelling, do not put any object on the parcel shelf because they can injure passengers in the event of an accident or sudden braking.

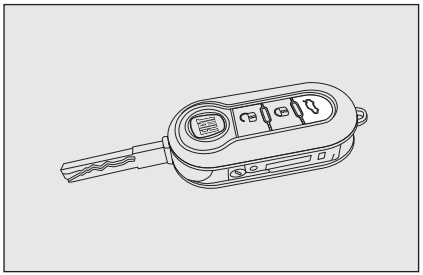


fig. 77 F0M0425m

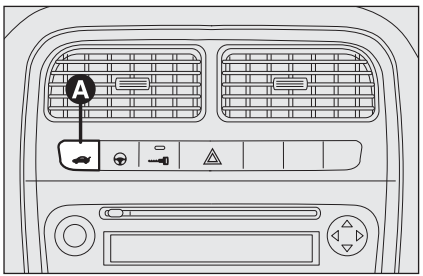


fig. 78 F0M0093m

OPENING THE BOOT

The boot can be opened at any time from the passenger's compartment by pressing button **A-fig. 78**.

The boot can be opened from the outside by pressing the remote control button **fig. 77**.

The opening of the boot is accompanied by two flashes of the direction indicators.

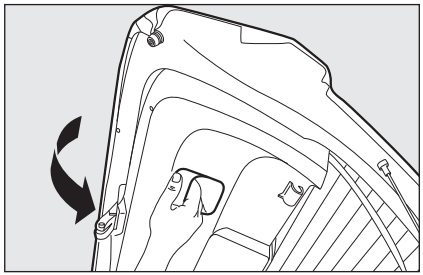


fig. 79 F0M0094m

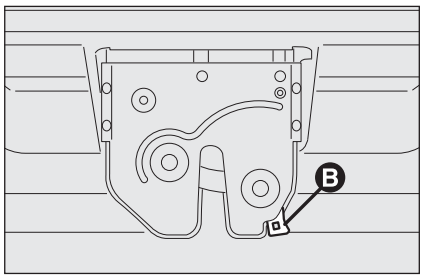


fig. 80 F0M0095m

CLOSING THE BOOT

Lower the rear door until hearing the locking click **fig. 79**.

OPENING THE BOOT IN AN EMERGENCY fig. 80

To open the boot from the passenger's compartment if the car battery is flat or the electric lock of the rear door is faulty, proceed as follows:

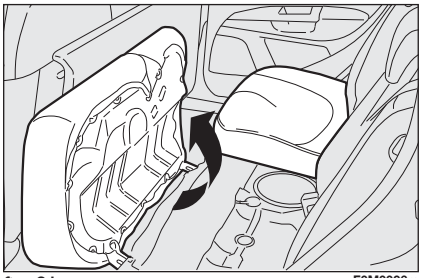


fig. 81 F0M0096m

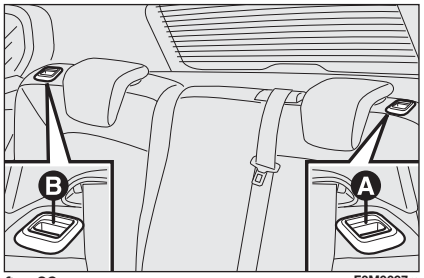


fig. 82 F0M0097m

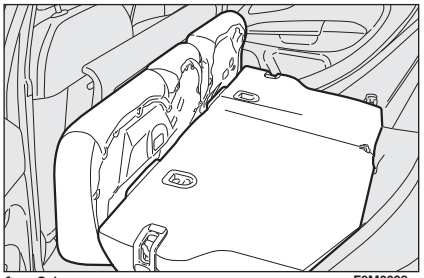


fig. 84 F0M0098m

- ❒ tilt the rear seats fully forward (see paragraph "Extending the boot" in this section);
- ❒ press lever **B** inside the boot.

EXTENDING THE BOOT

Partial extension (1/3 or 2/3) fig. 83
(for versions/markets, where provided)

The boot can be partially (1/3 or 2/3) or totally extended by splitting the rear seat.

Proceed as follows:

- ❒ fully lower the rear seat head restraints;
- ❒ check that the seat belt is not twisted;
- ❒ tilt the cushions forward as shown by the arrow **fig. 81**;
- ❒ lift handle **A** or **B-fig. 82** to release respectively the left or right part of the backrest and guide the backrest onto the cushion.

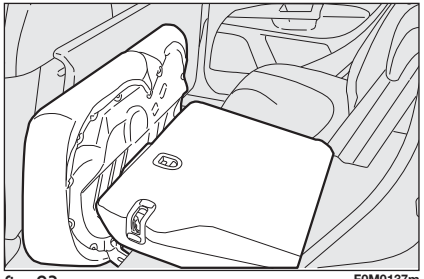


fig. 83 F0M0137m

The boot extension to the right makes it possible to carry two passengers on the left part of the rear seat. The boot extension to the left makes it possible to carry one passenger on the right side of the rear seat.

Maximum extension fig. 84

Tilting the whole rear seat forwards gives maximum loading volume.

Proceed as follows:

- ❒ fully lower the rear seat head restraints;
- ❒ check that the seat belts are not twisted;
- ❒ tilt the cushions forward as shown by the arrow **fig. 81**;
- ❒ lift handles **A** and **B-fig. 82** to release the backrests and guide them onto the cushion.

IMPORTANT If, after tilting the rear seat, you have to remove the parcel shelf, position it as shown in **fig. 86**.

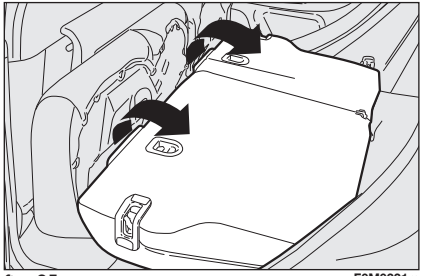


fig. 85 F0M0221m

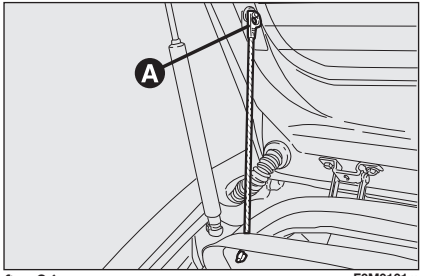


fig. 86 F0M0101m

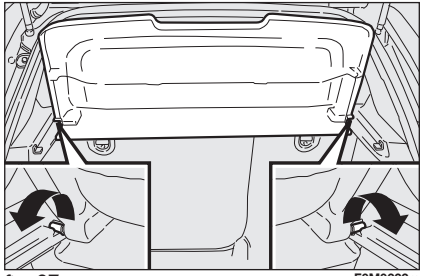


fig. 87 F0M0222m

Repositioning the rear seat fig. 85

Raise the backrests and push them back until hearing the locking click of both retainers.

Position seat belt buckles upwards and set the cushion in the normal position of use.

IMPORTANT The backrest is correctly secured when the red band next to the handles disappears. This red band indicates that the backrest is not secured. When returning the backrest to its normal position, make sure it is correctly fastened and you hear the lock click.

Make sure the backrest is properly secured at both sides to prevent it moving forward in the event of sharp braking that may cause injuries to passengers.

REMOVING THE PARCEL SHELF

To remove the parcel shelf in order to extend the boot: release the upper ends **A-fig. 86** by removing the eyelets from the pins, unhook and swivel the parcel shelf in its seat and then release both pins **fig. 87** from the side holes.

Once removed, the parcel shelf can be positioned between the back of the front seats and the folded cushion of the rear seat **fig. 88**.

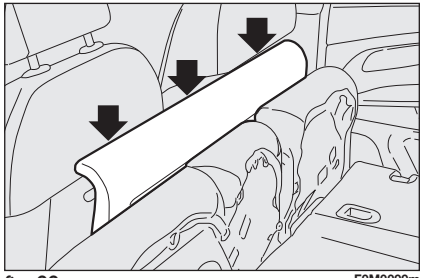


fig. 88 F0M0099m

BONNET

OPENING

Proceed as follows:

❒ pull the lever **fig. 89** in the direction of the arrow;

❒ pull catch **A-fig. 90** as shown in the diagram;

❒ lift the bonnet and at the same time release the support prop from its locking device **D-fig. 91**, then insert the end **C-fig. 92** into hole **E** on the bonnet.

IMPORTANT Before opening the bonnet, check that the windscreen wiper arms are not lifted from the windscreen.

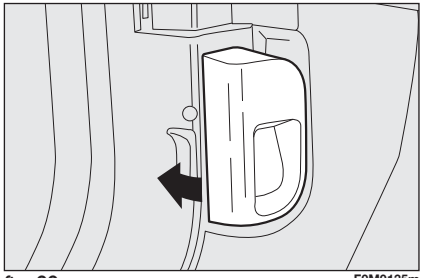


fig. 89 F0M0135m

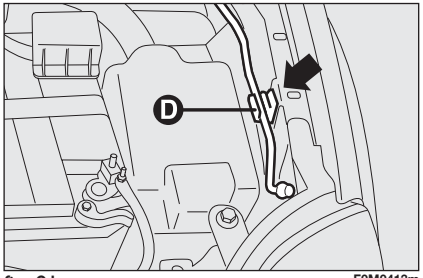


fig. 91 F0M0413m

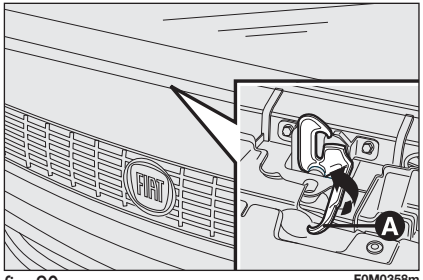


fig. 90 F0M0358m

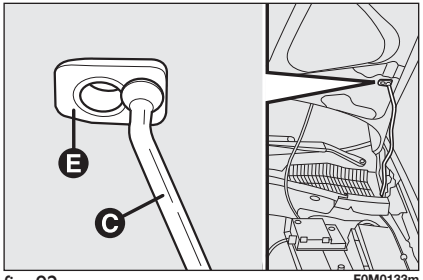


fig. 92 F0M0133m

CLOSING

Proceed as follows:

❒ hold the bonnet up with one hand and with the other remove support rod **C-fig. 92** from hole **E** and fit it back into its catch **D-fig. 91**;

❒ lower the bonnet to about 20 centimetres above the engine compartment and then let it drop. Make sure that the bonnet is closed correctly and not just in the safety position by trying to lift it. If it is not perfectly closed, do not try to press the bonnet lid down but open it and repeat the procedure.

IMPORTANT Always check that the bonnet is closed properly to avoid it opening while the car is travelling.

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.

WARNING

If the supporting rod is not positioned correctly, the bonnet may fall violently.

WARNING

Perform these operations only when the car is stationary.

ROOF RACK/SKI RACK

3-door versions

The front hooks are located at points **A-fig. 93**.

The rear hooks are set at points **B** marked by the (▼) symbols on the rear side windows.

5-door versions

The front hooks are located at points **A-fig. 93**.

The rear hooks are set at points **B** and are marked by a groove on the upper part of the door frame.

WARNING

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

Strictly adhere to the laws in force concerning maximum clearance.

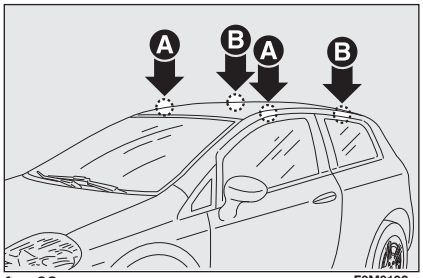


fig. 93 F0M0102m

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

WARNING

Distribute the load evenly and, when driving, bear in mind the increased sensitivity of the vehicle to side wind.

Never exceed the permitted load (see "Technical data" section).

HEADLIGHTS

LIGHT BEAM DIRECTION

The correct direction of the headlights is essential for the comfort and safety of the driver and other road users. The headlights must be correctly directed to ensure the best visibility. Contact a Fiat Dealership to have the direction checked and, if necessary, adjusted.

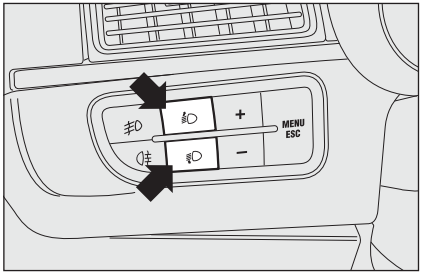


fig. 94 F0M0103m

HEADLIGHT ALIGNMENT CORRECTOR

This device works with the key at **MAR** and the dipped beam headlights on. The car will slant backwards when it is loaded, raising the light beam. The beams must therefore be aimed again in this case.

Headlight alignment adjustment fig. 94

To adjust, press buttons and on the control panel.

The display located on the instrument panel provides the visual indication of the positions during the adjustment operation.

Position **0** – one or two people on front seats.

Position **1** – five people.

Position **2** – five people + load in the boot.

Position **3** – driver + maximum admitted load in the boot.

IMPORTANT Check the beam alignment every time the load transported changes.

FRONT FOG LIGHTS ALIGNMENT

(for versions/markets, where provided)

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

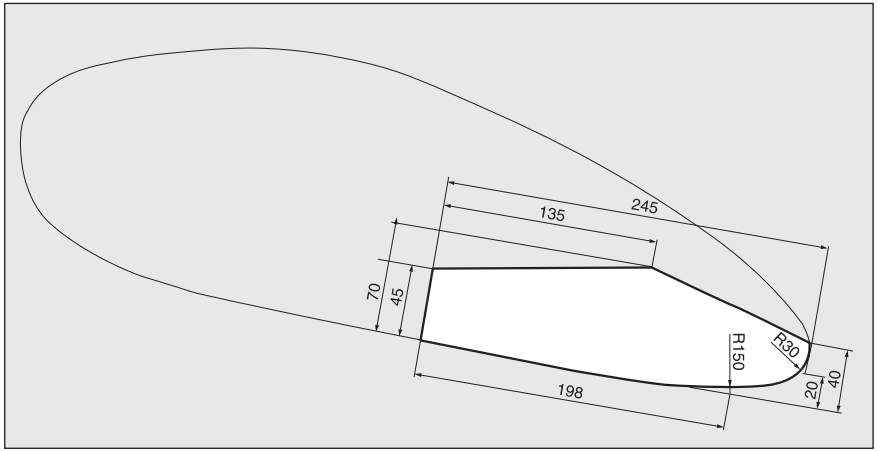


fig. 95

F0M0105m

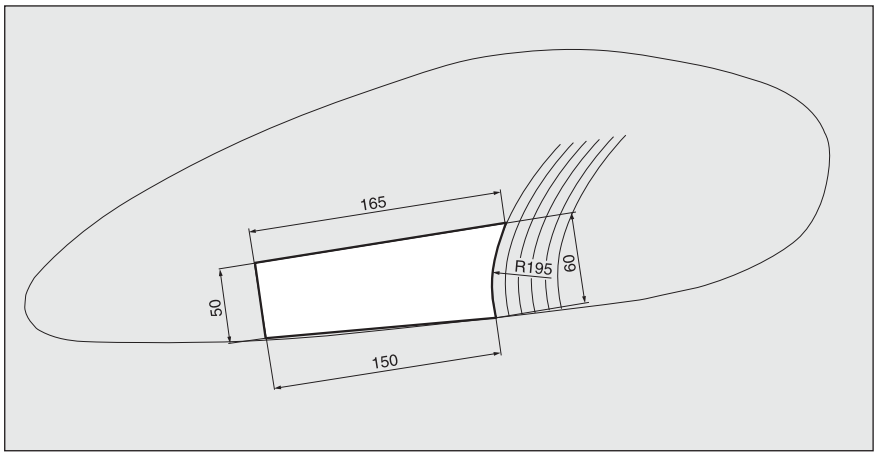


fig. 96

F0M0106m

HEADLIGHT BEAM ADJUSTMENT ABROAD
fig. 95-96

The dipped headlights are adjusted to work in the country where the vehicle was originally purchased. In countries where vehicles are driven on the other side of the road, the beams are aligned by applying a specially designed 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.

The illustrations refer to the changeover from driving on the left to driving on the right.

ABS SYSTEM

If you have never driven a vehicle with ABS before, it is advisable to perform a few tests on slippery ground, naturally in conditions of safety and respecting the highway code of the country where you are driving. Read the following information carefully.

ABS is an integral part of the braking system which prevents, whatever the road conditions and force applied to the brake pedal, the wheels from locking and consequently sliding under braking, thus ensuring that the vehicle remains under control even during emergency braking.

The system is completed by EBD (Electronic Brakeforce Distribution), which distributes the braking action between front and rear wheels.

IMPORTANT For the maximum efficiency of the braking system, a bedding-in period of about 500 km is needed (for a new vehicle or after having replaced the brake pads/discs): during this period it is better to avoid sharp, repeated and prolonged braking.

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.

SYSTEM INTERVENTION

The driver can tell the ABS system has been activated because the brake pedal pulsates slightly and the system gets noisier: this means that the car speed should be altered to fit the type of road surface.

MECHANICAL BRAKE ASSIST (emergency braking assistance)

(for versions/markets, where provided)

This system (which cannot be deactivated) recognises emergency braking conditions according to the speed of operation of the brake pedal and provides an additional hydraulic braking pressure to support that provided by the driver. This allows faster and more powerful operation of the braking system.

IMPORTANT When the Mechanical Brake Assist is activated noises can be heard from the system. This is normal. Anyway, while braking keep the brake pedal depressed.

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.

FAILURE INDICATIONS

ABS failure

This is indicated by the (ABS) warning light on the instrument panel together with the dedicated message on the multifunction display (for versions/markets, where provided) coming on (see "Warning lights and messages" section).

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

EBD failure

This is indicated by the (ABS) and (!) warning lights on the instrument panel together with the dedicated message on the multifunction display (for versions/markets, where provided) coming on (see "Warning lights and messages" section).

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 the (!) warning light on the instrument panel lights up (together with a message in the multifunction display, for versions/markets, where provided) stop the vehicle immediately and contact the nearest Fiat Dealership. Fluid leaking from the hydraulic system will compromise the operation of the braking system, whether it is of the conventional type or with ABS.

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 car stability in the event of tyre grip loss, helping to maintain directional control.

The ESP system is therefore particularly useful when road surface grip changes.

In addition to the ESP system, ASR system and Hill Holder, the MSR system (adjusting the engine braking torque) and the HBA system (improving the braking force during emergency braking) are also provided (for versions/markets, where provided).

SYSTEM INTERVENTION

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

SYSTEM ACTIVATION

The ESP system is automatically activated when the car 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 if this happens.

HYDRAULIC 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 Hydraulic Brake Assist is deactivated on versions equipped with ESP, in the event of an ESP system failure (indicated by warning light switching on together with the message in the multifunctional display, for versions/markets, where provided).

WARNING

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

HILL HOLDER SYSTEM

This is an integral part of the ESP system, making hill-starts easier.

It is automatically activated in the following conditions:

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

At pick-up, the ESP system control unit will maintain the braking pressure at the wheels until the necessary engine torque for moving away is reached or, in any case, for a maximum of 2 seconds in order to move easily from the brake pedal to the accelerator pedal.

If the vehicle has not departed after this time, the system will deactivate automatically by gradually releasing the brake force.

At release, the typical brake disengagement noise indicating that the car is going to move will be heard.

Failure indications

System failure is indicated by the turning on of warning light on the instrument panel with digital display and warning light on the instrument panel with multifunction display (for versions/markets, where provided) (see section "Warning lights and messages").

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

This function controls car drive and cuts in automatically every time one or both driving wheels skid.

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

- ❒ if the skidding involves both drive wheels, the ASR function intervenes by reducing the power transmitted by the engine;
- ❒ if the skidding involves only one driving wheel, the ASR system cuts in by automatically braking the wheel that is sliding.

The ASR system is particularly helpful in the following circumstances:

- ❒ skidding of the inner wheel when cornering due to the effect of dynamic load changes or excessive acceleration;
- ❒ too much power transmitted to the wheels in relation to the conditions of the road surface;
- ❒ acceleration on slippery, snowy or icy surfaces;
- ❒ 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 braking regulation)

This is an integral part of the ASR system that, in case of sudden gear shifting, cuts in to provide torque to the engine, thus preventing excessive driving wheel drag that, especially in poor grip conditions, can lead to loss of stability.

Switching the system on/off fig. 97

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

When travelling, the ASR can be switched off and on again by pressing button **A** located on the dashboard **fig. 97**.

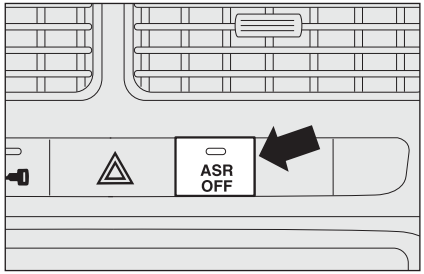


fig. 97

If the system is off, the LED on the button lights up together with a message shown on the multifunction display (for versions/markets, where provided).

If the ASR is switched off when travelling, it will turn on again automatically the next time the engine is started.

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 makes it possible to get 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.

For correct operation of the ASR system, the tyres must be of the same brand and type on all wheels, in perfect conditions and, above all, of the type, brand and size recommended.

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.

EOBD SYSTEM

The EOBD (European On Board Diagnosis) system allows continuous diagnostics of the emission-related components of the car.

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

The goal of the system is to:

- ❒ keep the system efficiency under control;
- ❒ warn when a fault causes emissions levels to increase;
- ❒ warn of the need to replace non-performing 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 authorities.

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.

If, when the ignition key is turned to the MAR position, the warning light either does not come on or, when driving, it comes on permanently or flashes (along with a message in the multifunction display for versions/markets, where provided), contact a Fiat Dealership as soon as possible. The operation of the warning light may be checked by traffic police using appropriate equipment. Follow the laws in force in the country where you are driving.

"DUALDRIVE" ELECTRIC POWER STEERING SYSTEM

The car is equipped with an electrically controlled power steering system called "Dualdrive", working only with the ignition key at **MAR** and the engine running, that customises steering force according to the driving conditions.

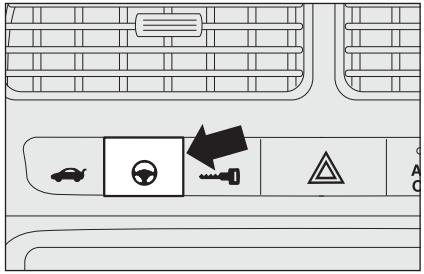


fig. 98 F0M0111m

ACTIVATION/DEACTIVATION (CITY function)

To activate/deactivate the function, press the button on the dashboard.

Activation is indicated by:

❒ the word **CITY** on the instrument panel (for versions with multifunction display);

❒ the word **CITY** lit up on the button after it has been pressed **fig. 98**.

When the **CITY** function is on, the steering wheel effort is lighter, making parking easier: therefore, this function is particularly useful for driving in city centres.

For the Sport version, this function guarantees improved driving comfort because the accelerator pedal is better calibrated for gradual acceleration/deceleration.

FAILURE INDICATIONS

Any failure of the electric power steering system is indicated by instrument panel warning light coming on together with a message on the multifunction display (for versions/markets, where provided) (see section "Warning lights and messages").

In the event of electric power steering system failure, the car can be driven with mechanical steering.

IMPORTANT In some circumstances, factors independent of the electric power steering could cause the warning light in the instrument panel to come on.

In this case, stop the car immediately, switch off the engine for about 20 seconds and then restart the car. If the warning light is still on, along with the message on the multifunction display (for versions/markets, where provided), contact a Fiat Dealership.

IMPORTANT The steering may become stiffer during parking manoeuvres that require a lot of turns of the wheel. This is normal and is caused by the electric control motor overheating protection system. No repairs are needed. The power steering system will start working properly again the next time the car is used.

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 car failing to comply with regulations.

WARNING

Before servicing the car, switch off the engine and remove the key from the ignition to activate the steering lock. This is especially important when the car wheels are not touching the ground. If this is not possible (for example if the key needs to be turned to MAR or the engine must be running), remove the main fuse that protects the electric power steering.

START&STOP SYSTEM
(for versions/markets, where provided)

FOREWORD

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

This improves the efficiency of the vehicle by reducing fuel consumption, the emission of harmful gases and noise pollution. The system is activated each time the car is started.

OPERATING MODES

Engine cut-out mode

With manual transmission

With the vehicle stationary, the engine cuts out with the gearbox in neutral and the clutch pedal released.

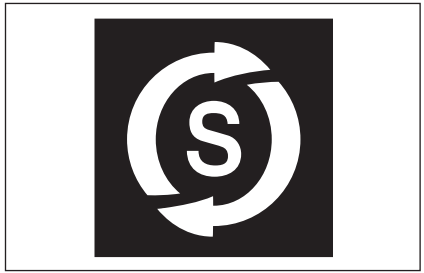


fig. 99 F0M0505m

With Dualogic gearbox

(for versions/markets, where provided)

The engine cuts out if the car stops with the brake pedal pressed.

This condition can be maintained even if the brake pedal is not pressed, if the gear lever is in position N.

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

The engine being stopped is signalled by the warning light **fig. 99** on the instrument panel, depending on the configuration.

Engine restarting mode

With normal transmission

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

With Dualogic gearbox
(for versions/markets, where provided)

If the gear lever is in position N, place it in any other gear, otherwise release the brake pedal or move the gear lever to (+), (–) or R .

fig. 100 F0M0506m

MANUAL ACTIVATION AND DEACTIVATION

You can activate/deactivate the device by pressing the button on the dashboard **fig. 101**. When the system is switched off, "Start&Stop OFF" appears on the dashboard **fig. 100**.

In addition, (for versions/markets, where provided) additional indications concerning the deactivation or activation of Start&Stop is given through a message on the display.

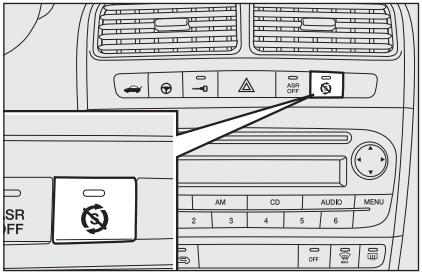


fig. 101 F0M0507m

NO ENGINE CUT-OUT CONDITIONS

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

❒ engine still cold;

❒ particularly cold external temperatures, where the appropriate indication is provided;

❒ battery not sufficiently charged;

❒ heated rear windscreen activated;

❒ windscreen wipers working at maximum speed;

❒ diesel particulate filter (DPF) regeneration ongoing (for versions/markets, where provided);

❒ driver's door not shut;

❒ driver's seat belt not fastened;

❒ reverse gear engaged (for example, during parking manoeuvres);

❒ automatic climate control, if a comfortable temperature has not yet been reached or MAX – DEF function enabled;

❒ during the first period of use, to initialize the system.

In the above cases, an information message appears on the display and (for versions/markets, where provided) the warning light **fig. 99** will flash on the instrument panel.

RESTARTING CONDITIONS

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

- ❒ battery not sufficiently charged;
- ❒ windscreen wipers working at maximum speed;
- ❒ extreme braking system pressure, e.g. following the brake pedal being pressed repeatedly;
- ❒ car moving around, for example when driving on hilly roads;
- ❒ stopping the engine through the Start&Stop system for more than about three minutes.
- ❒ automatic climate control system for establishing a comfortable temperature or enabling the MAX – DEF function.

With a gear engaged, the engine can be automatically restarted only by fully depressing the clutch pedal. The driver is asked to perform this operation through a message on the instrument panel and, for versions/markets, where provided, by the warning light **fig. 102** on the instrument panel flashing

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

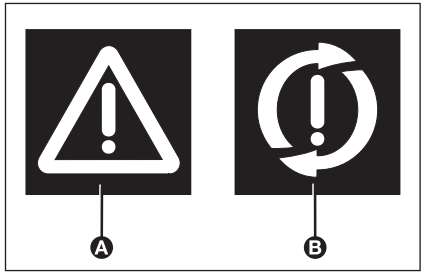


fig. 102 F0M0508m

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

SAFETY FUNCTIONS

In engine cut-out conditions through the Start&Stop system, if the driver unfastens his/her seat belt and opens the driver's door or the passenger door, the engine can be restarted only by using the key.

The driver is notified of this condition both by a buzzer and through an information message on the display and (for versions/markets, where provided) by the warning light **fig. 102** on the instrument panel flashing.

ENERGY SAVING FUNCTION

(for versions/markets, where provided)

If, after the engine has been automatically restarted, the driver does not take any action for a period of about 3 minutes, the Start&Stop system will definitively stop the engine to avoid fuel consumption. In these cases, the engine can be restarted only by using the key.

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

OPERATING IRREGULARITIES

In the case of malfunctions the Start&Stop system is disabled. The driver is informed of the problem by the general failure warning light **A-fig. 102**, for versions/markets, where provided, coming on with an information message and the system failure symbol **B-fig. 102** on the control panel. In this case, contact a Fiat Dealership.

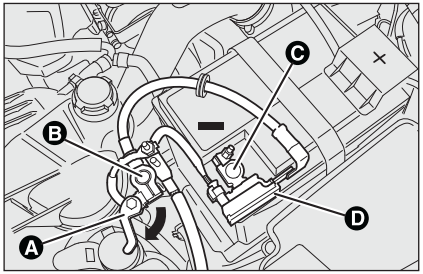


fig. 103

CAR INACTIVITY fig. 103 (with Start&Stop system with dummy pole)

(for versions/markets where provided)

In case of vehicle inactivity conditions, pay special attention to the disconnection of the battery power supply. The procedure must be made by disconnecting the quick release negative terminal **A-fig. 103** from the dummy negative pole **B**, as the battery negative pole **C** has a sensor **D** for battery condition monitoring that must never be disconnected (unless the battery is replaced).

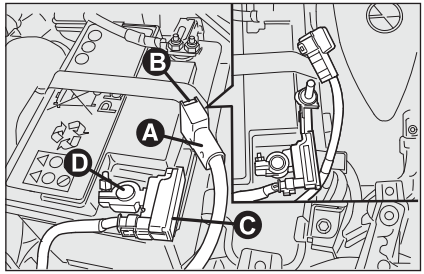


fig. 104

CAR INACTIVITY fig. 104 (with Start&Stop system without dummy pole)

(for versions/markets where provided)

In case of car inactivity, special attention must be paid due to the disconnection of the battery power supply. Proceed as follows: detach the connector **A-fig. 104** (by pressing button **B**) from sensor **C** for monitoring the battery status installed on the battery negative pole **D**. This sensor should never be disconnected from the pole except if the battery is replaced.

WARNING

When replacing the battery, always go to a Fiat Dealership. Replace the battery using a new one of the same type (HEAVY DUTY) and having the same specifications.

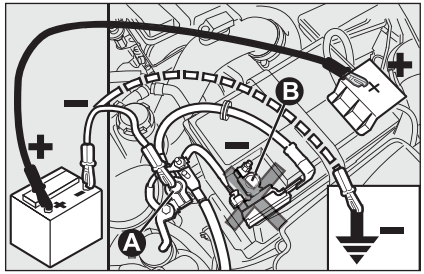


fig. 105

EMERGENCY STARTING (with Start&Stop system with dummy pole)

(for versions/markets where provided)

In case of vehicle jump starting, never connect the negative cable (–) of the auxiliary battery to the negative pole **B-fig. 105** of the vehicle battery, rather to the dummy pole A or to an engine/gearbox earth point.

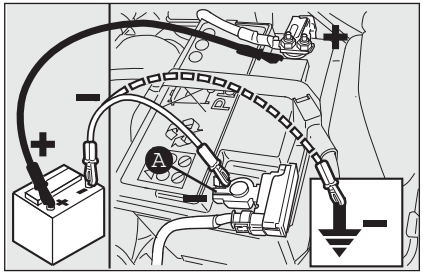


fig. 106 F0M0510m

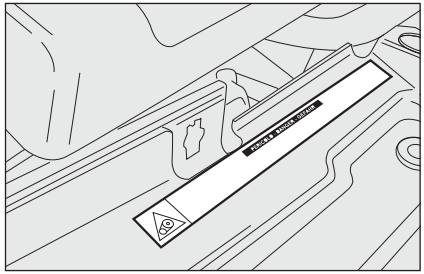


fig. 107 F0M0511m

EMERGENCY STARTING fig. 106 (with Start&Stop system without dummy pole)

(for versions/markets where provided)

When jump starting, never connect the negative lead (–) of the auxiliary battery to the negative pole **A-fig. 106** of the car battery, but rather to an engine/gearbox earth point.

IMPORTANT

WARNING

Before opening the bonnet, make sure that the car is switched off and the key is in the OFF position. Follow the instructions on the plate near the front crossmember fig. 107. It is advisable to extract the key when there are other people in the car. The car should always be evacuated after the key has been removed or turned to the OFF position. During refuelling operations, it is necessary to make sure that the car is off with the ignition key in the OFF position.

WARNING

For cars with a robotised transmission, if the engine cuts out automatically on a gradient, it is advisable to restart the engine by moving the gear lever towards (+) or (-) without releasing the brake pedal. For vehicles with Dualogic transmission, where the Hill Holder function is present, if the engine cuts out automatically whilst on a hill, it is advisable to restart it by moving the gear lever towards (+) or towards (-) without releasing the brake pedal to make the Hill Holder function – which is active only when the engine is running – available.

WARNING

If you want to prioritise climate comfort, the Start&Stop system can be disabled to allow continuous operation of the climate control system.

GEAR SHIFT INDICATOR SYSTEM

(for versions/markets, where provided)

The "GSI" system (Gear Shift Indicator) advises the driver to change gear via a signal on the instrument panel (see **fig. 108**).

Through the GSI, where provided, the driver is advised that changing gear will reduce fuel consumption.

Therefore, for driving oriented towards cutting fuel consumption, it is recommended to follow the suggestions of the Gear Shift Indicator.

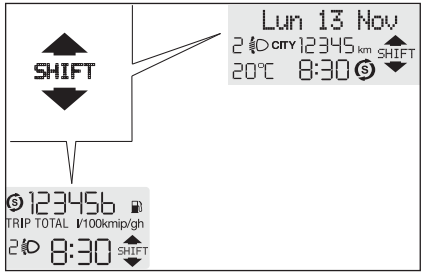


fig. 108 F0M0512m

When the SHIFT UP icon (▲ SHIFT) is shown on the display, the GSI is advising the driver to select a higher gear, while the SHIFT DOWN icon (▼ SHIFT) suggests a lower gear should be engaged.

SOUND SYSTEM

(for versions/markets, where provided)

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

SOUND SYSTEM READINESS

(for versions/markets, where provided)

The system consists of:

- ❒ sound system power cables
- ❒ cables to connect front and rear speakers
- ❒ aerial power cable
- ❒ 2 tweeters on front doors (30 W max power each);
- ❒ 2 mid-woofers on front doors (165 mm diameter, 40 W max power each);
- ❒ 2 full-range speakers on rear doors and rear valance panels (130 mm diameter, 40 W max power each);
- ❒ radio aerial cable.

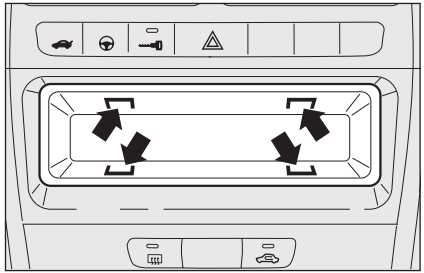


fig. 109

Sound system installation

The sound system must be installed in the place occupied by the central storage compartment because this is where you will find the preset cables.

To extract the compartment, press in the points shown in the diagram **fig. 109** corresponding to the retainer systems.

WARNING

For connection to the preset cables, contact a Fiat Dealership to prevent any problem that could impair car safety.

SATELLITE NAVIGATION SYSTEM READINESS

(for versions/markets, where provided)

On cars equipped with the Blue&Me™ system, there may be (on request) capacity to install the satellite navigation system, which is available from Lineaccessori Fiat.

Install the navigation system by inserting the dedicated support bracket into the housing shown in **fig. 110**.

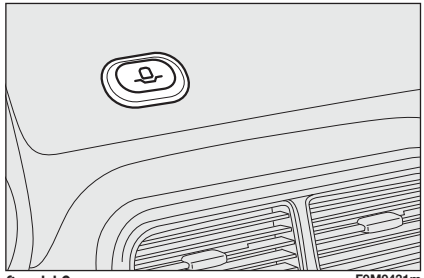


fig. 110

ACCESSORIES PURCHASED BY THE OWNER

If, after buying the vehicle, you decide to install electrical accessories that require a permanent electrical supply (sound system, satellite anti-theft system, etc.) or ones that drain the battery, contact a Fiat Dealership, whose qualified personnel, besides suggesting the most suitable devices from Lineaccessori Fiat, will also check whether the vehicle's electrics are able to withstand the load required, or whether they need to be integrated with a more powerful battery.

WARNING

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

INSTALLING ELECTRICAL/ ELECTRONIC DEVICES

Electrical and electronic devices installed after buying the car in the context of after-sales service must carry the following label:

Fiat Auto 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 in compliance with the manufacturer's instructions.

IMPORTANT Traffic police may not allow the car on the road if devices have been installed which modify the features of the car. This may also cause invalidation of warranty in relation to faults caused by the change or either directly or indirectly related to it.

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

RADIO TRANSMITTERS AND MOBILE PHONES

Radio transmitter equipment (vehicle mobile phones, CB radios, amateur radio etc.) shall not be used inside the car unless a separate aerial is mounted on the roof.

IMPORTANT The use of these devices inside the passenger compartment (without a separate aerial) may cause the vehicle electrical systems to malfunction. This could compromise safety in addition to constituting a potential hazard for passengers' health.

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

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

REFUELLING THE CAR

PETROL ENGINES

Use only unleaded petrol.

To avoid mistakes, the diameter of the fuel tank opening is too small to insert the nozzle of a leaded petrol pump. The petrol octane rating (RON) must not be lower than 95.

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

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

DIESEL ENGINES

If the outside temperature is very low, the diesel thickens due to the formation of paraffin clots and could clog the diesel fuel filter.

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 in the TUTELA DIESEL ART additive in the proportions shown on the container. 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, even for a very short time, you will need to have the entire fuel system emptied in addition to the tank.

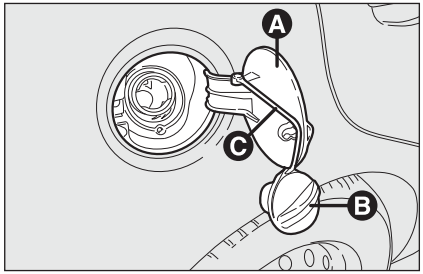


fig. 111 F0M0138m

FUEL TANK CAP fig. 111

To carry out refuelling, open lid **A** and unscrew cap **B**; the cap is fitted with a device **C** which fastens it to the lid so it cannot be mislaid.

In some versions, cap **B** may be provided with a lock and key; use the ignition key to access the flap **A**, turn it anti-clockwise and unscrew the cap itself.

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.

When refuelling, hook the cap onto the device inside the lid as shown in **fig. 111**.

WARNING

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

Filling the tank

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

PROTECTING THE ENVIRONMENT

The devices for reducing petrol engine emissions are the following:

❒ three-way catalytic converter;

❒ Lambda sensors;

❒ fuel evaporation prevention system.

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

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

❒ oxidising catalytic converter;

❒ exhaust gas recirculation system (E.G.R.);

❒ diesel particulate filter (DPF) (for versions/markets, where provided).

WARNING

The diesel particulate filter (DPF) (for versions/markets, where provided) reaches high temperatures during normal operation. Do not park the vehicle on grass, dry leaves, pine needles or other flammable material: fire hazard.

WARNING

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

DIESEL PARTICULATE FILTER (DPF)

(for versions/markets where provided)

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

The diesel particulate filter 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 handled automatically by the engine control unit according to the filter conditions and vehicle use conditions.

During regeneration, there may be: a limited increase in minimum revs, a slight increase in fumes and high exhaust temperatures. 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 94
SBR SYSTEM 95
PRETENSIONERS 96
CARRYING CHILDREN SAFELY 99
PRESETTING FOR MOUNTING THE "UNIVERSAL ISOFIX" CHILD RESTRAINT SYSTEM 103
FRONT AIRBAGS 105
SIDE AIRBAGS 107

SEAT BELTS

USING THE SEAT BELTS fig. 1

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

To fasten the seat belts, hold the tongue **A** and insert it into the buckle **B**, until hearing the locking click.

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

Press button **C** to release the belt. Guide the belt while it is being rewound, to prevent twisting.

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

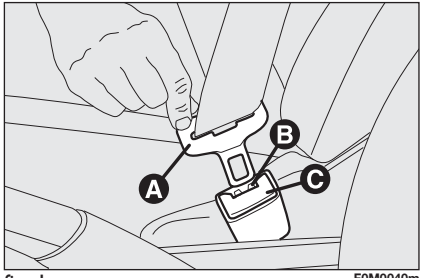


fig. 1 F0M0040m

The reel may lock up when the car 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.

The rear seat is fitted with inertia seat belts with three anchor points and a reel.

WARNING

Never press button C-fig. 1 when travelling.

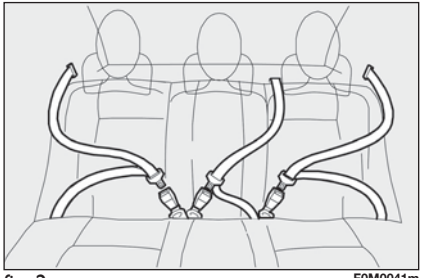


fig. 2 F0M0041m

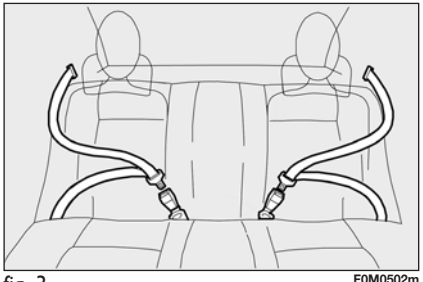


fig. 3 F0M0502m

The rear seat belts must be worn as per **fig. 2** (with safety belt for the middle seat, for versions/markets, where provided) or as per **fig. 3** (two rear seats).

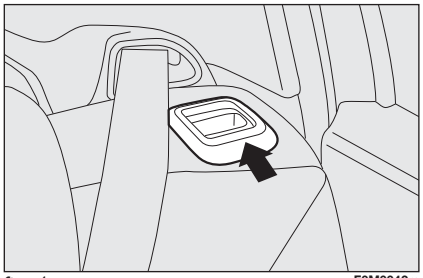


fig. 4

IMPORTANT The back rest is correctly locked into place when the red band next to the backrest release handles **fig. 4** disappears. This red band indicates that the backrest is not secured. When returning the backrest to its normal position, make sure it is correctly fastened and you hear the lock click.

IMPORTANT After putting the seats back to their normal position, restore the seat belt position to make them ready for use.

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.

WARNING

Make sure the backrest is properly secured at both sides to prevent it moving forward in the event of sharp braking that may cause injuries to passengers.

SBR SYSTEM

The car is fitted with the SBR system (Seat Belt Reminder), consisting of an audible warning which, together with the turning on of the warning light on the instrument panel, warns the driver and/or the front passenger (for versions/markets, where provided), that they need to fasten their seat belt.

For permanent deactivation, contact a Fiat Dealership.

PRETENSIONERS

To increase the efficiency of the seat belts, the car is fitted with front pretensioners. These devices, in the event of a violent crash, rewind the seat belts by a few centimetres. In this way, they ensure that the seat belt adheres perfectly to the wearer before the restraining action begins.

The seat belt reel locks to indicate that the pretensioners have intervened; the seat belt cannot be drawn back up even when guiding it manually.

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

A slight amount of smoke may be detected during operation of the pretensioners. This smoke is not harmful 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 must be replaced.

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

To increase passenger safety, the front 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.

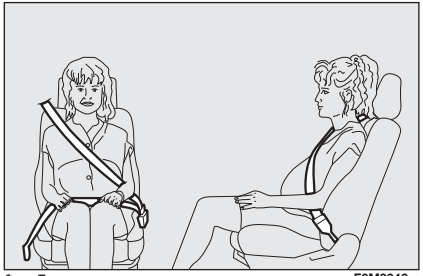


fig. 5 F0M0043m

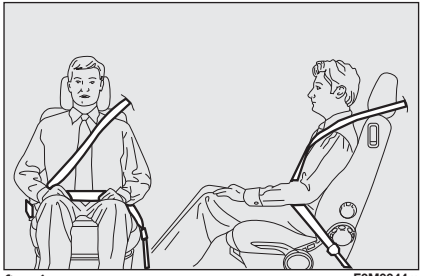


fig. 6 F0M0044m

fig. 7 F0M0045m

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

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

Seat belts are also to be worn by 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.

Of course, mothers-to-be must position the lower part of the belt very low down so that it passes over the pelvis and under the abdomen **fig. 5**.

WARNING

The belt must not be twisted. The upper part must cross the shoulder and the chest diagonally. The lower part must adhere to the hips fig. 6, not to the abdomen. Do not use devices (clips, etc.) to hold the seat belt away from your body.

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.

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.

WARNING

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

HOW TO KEEP THE SEAT BELTS EFFECTIVE

Observe the following precautions for correct seat belt maintenance:

- ❒ always use the belt with the tap well stretched and never twisted; make sure that it is free to run without obstructions;
- ❒ replace the belt after a serious accident, 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 when it shows signs of significant wear or cuts.

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 EU countries pursuant to 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 result of research 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 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 child restraint devices must bear the certification data, together with the control brand, on a solidly fixed to the seat label which must never be removed.

When over 1.50 m in height, from the point of view of restraint systems, children are considered as adults and have to wear the standard seat belts.

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

fig. 8 F0M0046m

GROUPS 0 e 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 held in place by the car seat belts **fig. 8** and in turn it must restrain the child with its own belts.

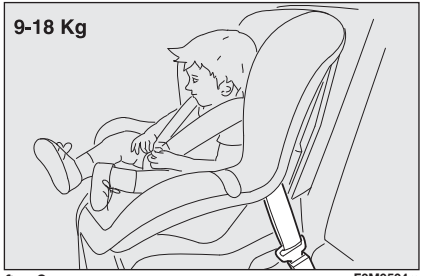


fig. 9 F0M0504m

WARNING

Do not place a cradle seat facing backwards on the front seat if the passenger side airbag is enabled. Deployment of the airbag in an accident could cause fatal injuries to the baby regardless of the severity of the collision. It is advisable to always carry children in dedicated child seats on the rear seat, which is the most protected position in the event of an accident.

GROUPS I

From 9 kg to 18 kg of weight, children may be carried facing forwards.

WARNING

SERIOUS HAZARD Should it be absolutely necessary to carry a child on the front seat in a backwards-facing cradle seat, the passenger's front and side airbags should be deactivated through the setup menu. Deactivation can be verified by checking the warning light on the instrument panel. Also, the passenger seat should be as far back as possible to avoid contact between the child seat and the dashboard.

WARNING

The diagram is only an indication. For assembly, refer to the instructions supplied with the child seat.

WARNING

Some child restraint systems for weight groups 0 and 1 have a rear attachment and seat belts for securing the child. Due to their weight, they may be dangerous if incorrectly mounted (e.g. if fastened to the car seat belts with a cushion in between). Follow the assembly instructions carefully.

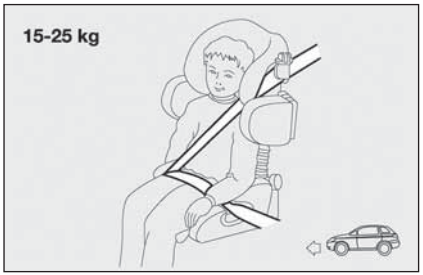


fig. 10 F0M0048m

GROUP 2

Starting from 15 kg to 25 kg in weight, children may be restrained directly by the car belts **fig. 10**. The only function of the seat is to position the child correctly in relation to the belts, so that the diagonal part adheres to the chest and not to the neck and that the horizontal part fits over the child's hips and not the abdomen.

WARNING

The diagram is only an indication. For assembly, refer to the instructions supplied with the child seat.

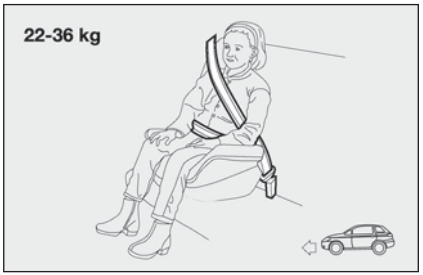


fig. 11 F0M0049m

GROUP 3

For children between 22 kg and 36 kg, there are boosters allowing the seatbelt to fit correctly.

Fig. 11 shows proper child seat positioning on the rear seat.

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

WARNING

The diagram is only an indication. For assembly, refer to the instructions supplied with the child seat.

SUITABILITY OF PASSENGER SEATS FOR CHILD SEAT USE

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

Group	Weight range	Front passenger	Rear passenger	Central rear passenger (●)
Groups 0, 0+	up to 13 kg	U (▼)	U	*
Groups 1	9-18 kg	U (▼)	U	*
Groups 2	15-25 kg	U (▼)	U	*
Groups 3	22-36 kg	U (▼)	U	*

Key:

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

(▼) on cars whose passenger seat is not adjustable in height, the backrest must be perfectly upright.

* Never put any type of child seat on the central rear seat.

(●) For versions/markets, where provided.

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

1) The recommended position for installing child seats is on the rear seat, as it is the most protected area in the event of a crash.

2) When disengaging the passenger airbag, always check the amber warning light on the instrument panel is permanently on to make sure that the airbag has actually been deactivated.

3) Carefully follow the instructions that came with the child seat, which the manufacturer must supply by law. Keep the instructions in the car along with the other documents and this handbook. Do not use second hand child seats without instructions.

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

5) Only one child is to be strapped into each retaining system; never carry two children using one child seat.

6) Always check the seat belts do not rest on the child's neck.

7) While travelling, do not let the child sit incorrectly or release the belts.

8) Never carry children on your lap, even newborns. No one, however strong, can hold a child in the event of an accident.

9) In the event of an accident, replace the child seat with a new one.

WARNING

Do not place a child seat facing backwards on the front seat if the passenger side airbag is enabled. Deployment of the airbag in an accident could cause fatal injuries to the baby regardless of the severity of the collision. It is advisable to always carry children in a child seat on the rear seat, which is the most protected position in the event of a collision.

"UNIVERSAL ISOFIX" CHILD RESTRAINT ASSEMBLY SETUP

(for versions/markets, where provided)

The car is provisioned for a Universal Isofix child restraint, a new European standardised system for carrying children safely. An example of such a seat is shown in **fig. 12**. The Universal Isofix child seat covers weight group 1.

Due to its different attachment system, the Universal Isofix child seat must be anchored to the special low metal rings **A-fig. 13**, located between the backrest and rear cushion. The upper belt (provided with the child seat) must be then secured to ring **B-fig. 14** located on the back of the backrest at child seat level. It is possible to have a mixed assembly of the traditional child seats and the Universal Isofix ones.

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

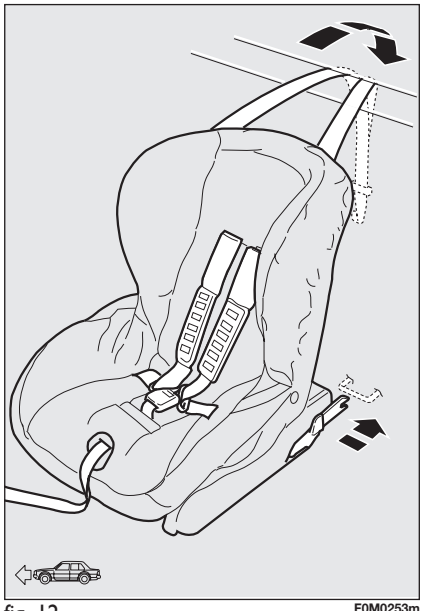


fig. 12 F0M0253m

The Universal Isofix "Duo Plus" child seat and the special "G 0/1" seat are available from Lineaccessori Fiat.

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

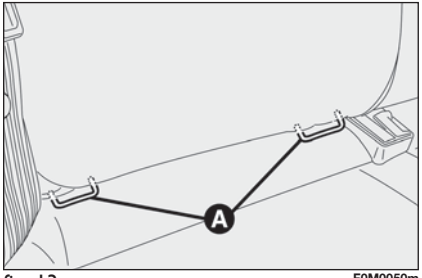


fig. 13 F0M0050m

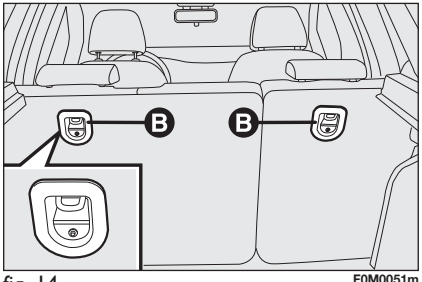


fig. 14 F0M0051m

WARNING

Fit the child seat when the car is stationary. The child seat is correctly anchored to the brackets when you hear the click. Follow the instructions for assembly, disassembly and positioning that the child seat manufacturer must supply.

PASSENGER SEAT COMPLIANCE FOR USING UNIVERSAL ISOFIX CHILD SEATS

The table below shows the different installation possibilities of Universal Isofix restraint systems on the seats fitted with Isofix fasteners, in accordance with European standard ECE 16.

Weight group	Child seat orientation	Isofix size class	Rear side Isofix 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	B1	IUF
	Facing forwards	A	IUF

IUF: suitable for forward-facing Isofix child restraint systems, universal class (fitted with third upper fastener), approved for the weight group.

IL: suitable for specific Isofix-type child restraint systems approved for this type of car. The seat can be installed by moving the front seat forward.

FRONT AIRBAGS

The car is fitted with front airbags for the driver and the passenger, and with a knee bag on the driver's side (for versions/markets, where provided).

The front driver/passenger airbags and the driver's knee bag (for versions/markets, where provided) have been designed to protect the occupants of the front seats 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 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.

The front driver/passenger airbags and the driver's knee bag (for versions/markets, where provided) are not a replacement for, but rather complement the use of, seat belts, which should always be worn, as specified by law in Europe and most non-European countries.

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.

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

Front airbags may not be activated in the following situations:

- ❒ in collisions against highly strainable objects that do not affect the front surface of the car (e.g. bumper collision against guard rail, piles of gravel etc.);
- ❒ jamming of the car underneath other vehicles or protective barriers (e.g. underneath a truck or a guard rail); in this case, the bags would offer no additional protection with respect to the seat belt and their deployment is unnecessary. In these cases, non-deployment of the airbag does not necessarily indicate a system malfunction.

WARNING

Do not apply stickers or other objects on the steering wheel, passenger side airbag cover or upper side upholstery. 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 airbags are not deployed in the event of minor collisions (for which the withholding action of the seat belts is sufficient). 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.

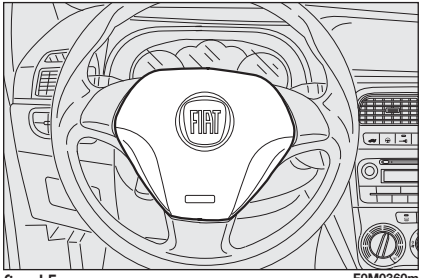


fig. 15 F0M0360m

FRONT AIRBAG ON DRIVER'S SIDE fig. 15

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

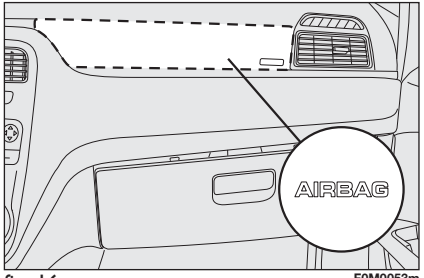


fig. 16 F0M0053m

FRONT AIRBAG ON PASSENGER'S SIDE fig. 16

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

WARNING

WARNING: Do not put child seats facing backwards on the front seat if the passenger's airbag is enabled (ON). Deployment of the airbag in an accident could cause fatal injuries to the baby. Should it be absolutely necessary to place a child seat on the front seat, always deactivate the passenger airbag. 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.

MANUAL DEACTIVATION OF FRONT AND SIDE CHEST/ PELVIS PASSENGER AIRBAGS
(for versions/markets, where provided)

Whenever a child needs to be carried on the front seat, the passenger's front and side chest/pelvis airbags (for versions/ markets, where provided) must be deactivated.

The warning light on the instrument panel stays on steadily until the passenger's front and side chest airbags (for versions/ markets, where provided) are re-activated.

WARNING

To manually deactivate the passenger's front and side chest/pelvis airbags (for versions/markets, where provided), refer to paragraphs "Digital display" and "Multifunction display" in the section "Dashboard and controls".

SIDE AIRBAGS

The car is fitted with front side airbags for driver and passenger (for versions/ markets, where provided) for protecting the chest and pelvis, and window bags (for versions/markets, where provided) for protecting the heads of front and rear passengers.

Side airbags (for versions/markets, where provided) protect car 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 car.

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.

In the event of a side-on crash, an electronic control unit triggers the inflation of the bag if required. The cushion immediately inflates, placing itself between the occupant's body and structures that could cause injuries, the cushion deflates Immediately afterwards.

Side bags (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.

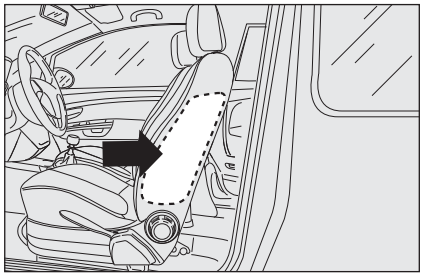


fig. 17

FRONT SIDE AIRBAGS - CHEST AND PELVIS ZONE PROTECTION fig. 17
(for versions/markets, where provided)

Front side airbags are housed in the seat backrests. They consist of an instant-inflation bag designed to increase protection of the occupants' chest and pelvis zone in the event of a side-on crash of medium/ high severity.

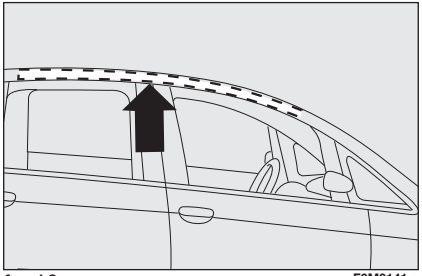


fig. 18

SIDE WINDOW BAGS - HEAD PROTECTION fig. 18

(for versions/markets, were provided)

These consist of two "curtain" cushions, one on the right and the other on the left side of the car, located behind the side coverings of the roof and covered by appropriate finishings.

Window bags have been designed for protecting the head of front and rear occupants in the event of a side-on collision, thanks to the wide cushion inflation surface.

IMPORTANT In the event of a side-on crash, the system offers the best protection if you have a correct position on the seat because this allows the side bags to inflate correctly.

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

IMPORTANT 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 car may be covered in a dusty residue: this may irritate skin and eyes. Wash with mild soap and water in the event of exposure.

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

IMPORTANT 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 car scrapped, have the airbag system deactivated at a Fiat Dealership first. If the car changes ownership, the new owner must be informed of the method of use of the airbags and the above warnings, and also be given this "Owner's Handbook".

IMPORTANT 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

Never rest your head, arms or elbows on the doors, on the windows or in the window bag area as this could cause injuries during the inflation phase.

WARNING

Never lean your head, arms or elbows out of the window.

GENERAL WARNINGS

WARNING

If when turning the key to MAR the warning light does not turn on or if it stays on when travelling (together with the message on the multifunction display, for versions/markets, where provided), there could be a failure in the safety systems; in this event, airbags or pretensioners may not trigger in case of impact or, in a minor number of cases, they could trigger accidentally. Contact a Fiat Dealership immediately to have the system checked.

WARNING

Do not cover the backrest of front and rear seats with trims or covers that are not suitable to be used with side bags.

WARNING

Never travel with objects on your lap, in front of your chest or with a pipe, pencil, etc. between your lips; serious injury may result in the event of the airbag being triggered.

WARNING

If the key is turned to MAR, even if the engine is switched off, airbags may be deployed when the car is stationary and hit by another vehicle. For this reason, children must never occupy the front seat, even if the car is not moving. Conversely, remember that when the key is inserted in the STOP position, no safety device (air bag or pretensioners) will activate following an impact; non-activation of these devices in such cases cannot therefore be considered an indicator of system malfunction.

WARNING

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

WARNING

If the vehicle has been subject to theft or a theft attempt, or if it has been affected by vandalism or flooding, have the airbag system checked at a Fiat Dealership.

WARNING

When the ignition key is turned to MAR, the warning light (with passenger's front airbag activated) turns on and flashes for a few seconds to remind you that the passenger's air bag will be deployed in a crash, after which it should go off.

WARNING

Do not wash the seats with water or steam under pressure (by hand or in automatic washing stations for seats).

WARNING

Front airbag deployment takes place at a higher level of impact than the pretensioners. For collisions in the range between the two thresholds, it is normal for only the pretensioners to be activated.

WARNING

Do not hang rigid objects on the coat hooks and the support handles.

WARNING

Airbags do not replace seat belts, but increase their efficiency. Furthermore, since front airbags are not deployed in low speed collisions, side-on collisions, 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

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STARTING THE ENGINE

The car is fitted with an electronic engine lock device: if the engine fails to start, see the paragraph on "The Fiat CODE system" in the "Dashboard and controls" section.

The engine may be noisier during the first few seconds of operation, particularly after a long period of inactivity. This is a feature of hydraulic tappets, the timing system chosen to reduce the number of servicing interventions, and effects neither functionality nor reliability.

We recommend that during the initial period you do not drive to full car performance (e.g. excessive acceleration, long journeys at top speed, sharp braking etc.).

When the engine is switched off, never leave the key in the ignition switch to prevent draining the battery.

WARNING

It is dangerous to have the engine running indoors. The engine consumes oxygen and produces carbon dioxide, carbon monoxide and other toxic gases.

WARNING

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

STARTING PROCEDURE FOR PETROL VERSIONS

Proceed as follows:

- ❒ ensure that the handbrake is on;
- ❒ put the gear lever into neutral;
- ❒ press the clutch pedal all the way down without touching the accelerator;
- ❒ turn the ignition key to **AVV** and release it the moment the engine starts.

If the engine does not start at the first attempt, return the ignition key to **STOP** before repeating the starting procedure.

If, when the ignition key is at **MAR**, the instrument panel warning light remains lit together with warning light , turn the key to **STOP** and then back to **MAR**; if the warning lights remain on, try using the other keys provided with the car.

IMPORTANT If the instrument panel warning light stays on permanently, contact a Fiat Dealership immediately.

IMPORTANT Never leave the ignition key at **MAR** when the engine is off.

STARTING PROCEDURE FOR DIESEL VERSIONS

Proceed as follows:

- ❒ ensure that the handbrake is on;
- ❒ put the gear lever into neutral;
- ❒ turn the ignition key to **MAR**: the warning lights and on the instrument panel will turn on;
- ❒ wait for the warning lights and to turn off. The hotter the engine is, the quicker this will happen;
- ❒ press the clutch pedal all the way down without touching the accelerator;
- ❒ turn the ignition key to **AVV** as soon as the warning light turns off. Waiting too long will waste the work done by the heater plugs. Release the key as soon as the engine starts.

If the engine does not start at the first attempt, return the ignition key to **STOP** before repeating the starting procedure.

If, when the ignition key is at **MAR**, the instrument panel warning light remains lit together with warning light , turn the key to **STOP** and then back to **MAR**; if the warning lights remain on, try using the other keys provided with the car.

IMPORTANT If the instrument panel warning light stays on permanently, contact a Fiat Dealership immediately.

IMPORTANT Never leave the ignition key at **MAR** when the engine is off.

Warning light will blink for 60 seconds after starting or during prolonged cranking to indicate a fault with the glow plug system. Use the car as normal if the engine starts, but go to a Fiat Dealership as soon as possible.

WARMING UP THE ENGINE AFTER IT HAS JUST STARTED (petrol and diesel versions)

Proceed as follows:

❒ drive off slowly at medium revs, and accelerate smoothly;

❒ do not demand maximum performance for the first few kilometres. Wait until the engine coolant gauge starts moving.

Remember that the brake booster and 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.

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 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.

PARKING THE VEHICLE

Proceed as follows:

❒ stop the engine and engage the handbrake;

❒ engage a gear (first gear if the vehicle is parked uphill or reverse if it is facing downhill) and leave the wheels turned.

If the car is parked on a steep slope, it is also advisable to block the wheels with a wedge or stone. Do not leave the key in the ignition switch as this drains the battery. Always remove the key when you leave the car.

WARNING

Never leave children unattended in the car. Always remove the ignition key when leaving the car and take it with you.

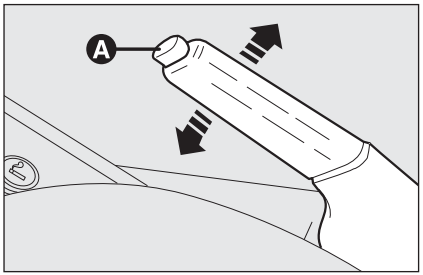

fig. 1 F0M0115m

HANDBRAKE fig. 1

The handbrake is located between the two front seats.

Pull the lever upwards to operate the handbrake. Four or five notches are normally sufficient to secure the car on flat terrain, while nine or ten may be necessary on a steep slope with the car loaded.

IMPORTANT If this is not the case, contact a Fiat Dealership to have the handbrake adjusted.

When the handbrake is on and the ignition key is at **MAR**, the instrument panel warning light (!) will come on.

To release the handbrake, proceed as follows:

❒ pull up slightly on the lever and press release button **A**;

❒ hold button **A** down and lower the lever. The (!) warning light on the instrument panel will go out.

Press the brake pedal when carrying out this operation to prevent the car from moving accidentally.

USING THE MANUAL GEARBOX

To engage the gears, press the clutch pedal down fully and shift the gear lever into one of the required positions (a diagram is shown on the knob **fig. 2**).

IMPORTANT Reverse may be engaged only when the car 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.

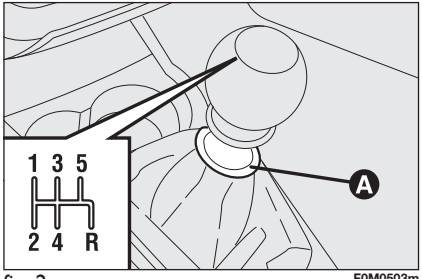

fig. 2

To engage reverse **R** from neutral, lift ring **A** under the knob and at the same time move the gearshift lever to the right and then backwards **fig. 2**.

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

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.

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.

SAVING FUEL

Here are some suggestions which may help you to save fuel and reduce the amount of toxic emissions released into the atmosphere.

GENERAL CONSIDERATIONS

Car maintenance

Have checks and adjustments carried out in accordance with the "Scheduled Service Plan".

Tyres

Check the tyre pressure at least once every 4 weeks: if the pressure is too low, consumption levels increase as resistance to rolling is higher.

Unnecessary loads

Do not travel with an overloaded boot. The weight of the car (especially when driving in town) and its arrangement greatly affect fuel consumption and stability.

Roof rack/ski rack

Remove the roof rack or ski rack from the roof after use. These accessories decrease aerodynamic penetration and have a negative effect on fuel consumption. It is better to use a trailer to transport particularly bulky objects.

Electrical 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).

Air conditioning

Air conditioning 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

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 entirely unnecessary and causes increased fuel 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

Accelerating violently severely affects consumption and emissions: acceleration should be gradual and should not exceed the maximum torque.

CONDITIONS OF USE

Cold starting

Short distances and frequent cold start-ups will prevent the engine from reaching optimal running temperature. Consequently, both fuel 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.

TOWING TRAILERS

IMPORTANT NOTES

The car must be equipped with an approved tow hook and adequate electrical system to tow caravans or 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 relative to 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 car's tow hook will reduce the load capacity of the car by the same amount. Consider the weight of the trailer fully laden, including accessories and luggage, to make sure you do not exceed the maximum towable weight (shown on the vehicle registration document).

Respect each country's specific speed limits for vehicles towing trailers. The top speed must not exceed 100 km/h at any time.

You should fit a suitable stabiliser to the trailer.

WARNING

The ABS with which the car 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 car to control the trailer brake. The trailer braking system must be fully independent from the hydraulic system of the car.

INSTALLING THE TOW HOOK

The towing device should be fastened to the body by specialised personnel in accordance with any additional information supplied by the manufacturer of the device.

The towing device must meet current regulations with reference to Directive 94/20/EC and subsequent amendments.

For any version the towing device used must be right for the towable weight of the car on which it is to be installed.

For the electric connection a unified connector should be used, which is generally placed on a special bracket fastened to the towing device, and a special ECU should be installed on the car to control the trailer's exterior lights.

Seven- or 13-pin 12VDC connections should be used (CUNA/UNI and ISO/DIN Standards). Follow any instructions provided by the car manufacturer and/or the towing device manufacturer.

An electric brake or winch should be powered directly by the battery through a cable with a cross-section of no less than 2.5 mm^2.

IMPORTANT The engine must be running to use the electric brake or winch.

In addition to the electrical appliances, the car's electrical system may be connected only to the supply cable for an electric brake and the cable for a light inside the trailer with a wattage of no more than 15 W.

For connections, use the preset control unit with a battery cable no less than 2.5 mm^2.

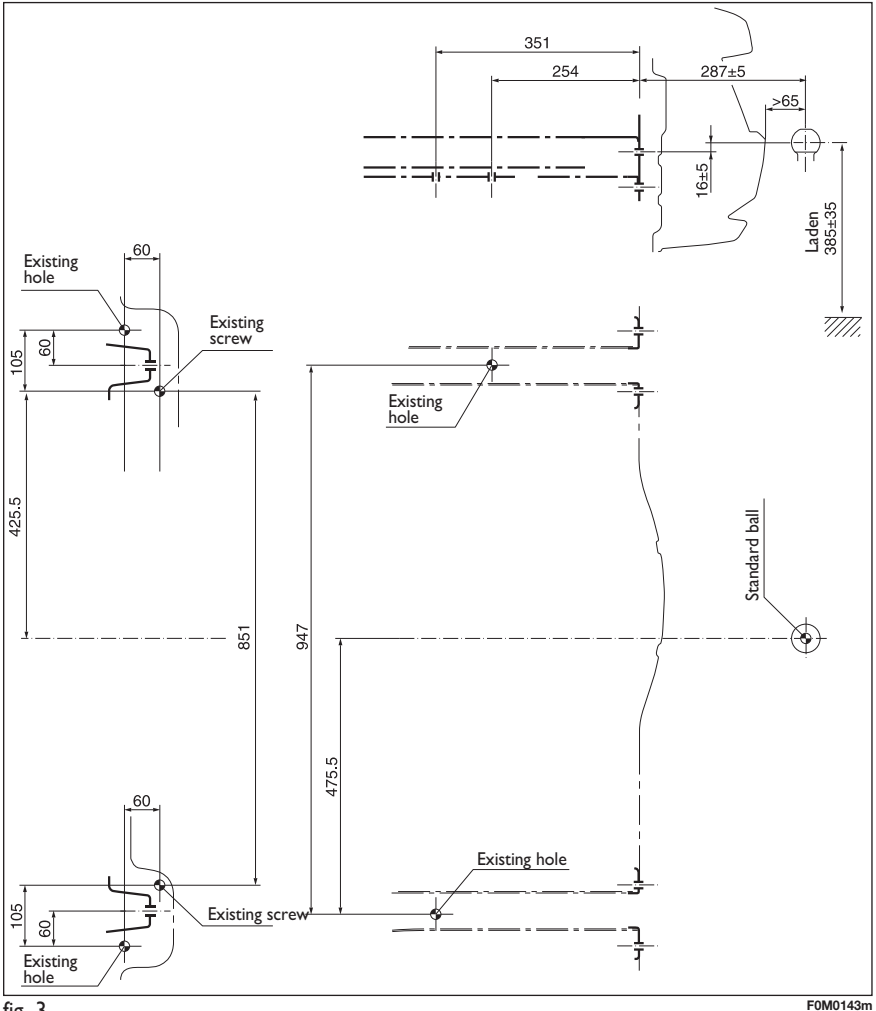

fig. 3

Assembly diagram fig. 3

The tow hook structure must be fastened at the points marked by ◔ using a total of 6 M10 screws.

The internal back plates should be at least 6 mm thick.

The hook should be fastened to the body avoiding any type of drilling of the rear bumper that remains visible when the hook is removed.

IMPORTANT It is compulsory to attach a label (plainly visible) of suitable size and material at the same level as the hitch ball, with the following wording:

MAX LOAD ON BALL 60 kg

WARNING

After assembly, the screw holes should be sealed to prevent exhaust gases getting in.

SNOW TYRES

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

A Fiat Dealership will be happy to provide advice concerning the most suitable type of tyre for the customer's requirements.

For the type, pressures and specifications of the snow tyre to be used, follow carefully the instructions given in the "Wheels" paragraph of the "Technical specifications" section.

The performance of these tyres is considerably reduced when the tread depth 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 snow tyres are used with a maximum speed index below the one that can be reached by the car (increased by 5%), place a notice in the passenger compartment, plainly in view, which states the maximum permissible speed of the snow tyres (as per an 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

The maximum speed for snow tyres marked "Q" is 160 km/h, while it is 190 km/h for "T" tyres and 210 km/h for "H" tyres. You should, however, always stick to the speed limits of the highway code.

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). Use of Lineaccessori Fiat snow chains is recommended.

Check the tension of the chains after the first few metres have been driven.

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

IMPORTANT Use compact 9 mm snow chains.

WARNING

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.

CAR INACTIVITY

If the car is to be left inactive for longer than a month, the following precautions should be observed:

- ❒ park the car in covered, dry and, if possible, well-ventilated premises;
- ❒ engage a gear;
- ❒ check that the handbrake is engaged;
- ❒ disconnect the clip for the negative battery terminal and check battery charge. Repeat this check once every three months during storage. Recharge the battery if the indicator is dark and the middle area is not green;
- ❒ 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;
- ❒ open the windows slightly;
- ❒ cover the car with a fabric or perforated plastic sheet. Do not use compact plastic sheets which do not allow humidity to evaporate from the surface of the car;
- ❒ inflate tyres to a pressure of +0.5 bar above the normal specified pressure and check regularly;
- ❒ if you don't disconnect the battery from the electrical system, check its charge every month and recharge it if the indicator shows a dark colour without the central green area;
- ❒ do not drain the engine cooling system.

IMPORTANT Where relevant, switch off the car alarm with the remote control.

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WARNING LIGHTS AND MESSAGES

GENERAL WARNINGS

Warning lights are accompanied by a specific message and/or sound when applicable. These indications are **synthetic and precautionary** and, as such, must not be considered as exhaustive and/or alternative to the information contained in this Owner Handbook, which you are recommended to read carefully in all cases. Refer to the information in this section **if a fault is signalled**.

IMPORTANT The fault indications appearing on the display are divided into two categories: **very serious** and **less serious** failures.

Very serious failures are indicated by a repeated and prolonged warning "cycle".

Less serious failures are indicated by a shorter warning "cycle".

Press **MENU ESC** to stop the warning cycle in both cases. Warning lights on the instrument panel will stay on until the cause of the failure is eliminated.

For messages relevant to the versions equipped with a Dualogic gearbox, see the attached Supplement.

LOW BRAKE FLUID LEVEL (red)

HANDBRAKE ON (red)

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

Low brake fluid level

The warning light comes on when the level of the brake fluid in the reservoir falls below the minimum level due to possible leaks in the circuit.

A specific message is displayed on certain versions.

WARNING

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

Handbrake on

The warning light turns on when the handbrake is engaged.

If the car is moving, an audible warning will also sound on certain versions.

IMPORTANT If the warning light comes on with the vehicle in motion, check that the handbrake is not engaged.

AIRBAG FAULT (red)

When the ignition key is moved 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 failure in the airbag system.

A specific message is displayed on certain versions.

WARNING

If the warning light does not turn on when turning the key to MAR or stays on during car travel, there may be a failure in the restraint systems. If this is the case, the airbags or pretensioners may not be deployed in an accident or, in a minor number of cases, they may be deployed incorrectly. Contact a Fiat Dealership immediately to have the system checked before driving off.

WARNING

A problem with the warning light (light off) is indicated by the warning light , which indicates the front passenger airbag is deactivated, flashing for more than the usual four seconds.

OVERHEATED ENGINE COOLANT (red)

When the ignition key is moved 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 driving normally**: stop the car, switch off the engine and check that the water level in the reservoir is not below the MIN mark. If it is not, wait for a few minutes for the engine to cool down then slowly and carefully open the cap, top-up with coolant and check that the level is between the MIN and MAX marks. Also visually check for leaks. Should the warning light turn on again at the next start-up, contact a Fiat Dealership.

❒ **if the vehicle is used under demanding conditions** (e.g. towing trailers uphill or fully loaded): slow down and, if the light stays on, stop the car. Stop for 2 or 3 minutes with the engine running and slightly accelerated to assist better coolant circulation. Then switch the engine off. Check correct fluid level 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)

When the ignition key is moved to **MAR**, the warning light turns on but should go out as soon as the engine is started (with the engine idling, a brief delay can be expected).

If the warning light comes on, either permanently or intermittently, contact a Fiat Dealership immediately.

LOW ENGINE OIL PRESSURE (red)

EXHAUSTED ENGINE OIL

(only Multijet versions with DPF - red)

When the ignition key is turned to MAR (ON), the warning light switches on and should go out as soon as the engine is started.

Low engine oil pressure

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

WARNING

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

Exhausted engine oil

(only Multijet versions with DPF)

The warning light will flash and a specific message will appear on the display (for versions/markets, where provided). The warning light may flash in the following ways, depending on the version:

– for 1 minute every two hours;

– for 3 minute cycles with the warning light off for intervals of 5 seconds until oil is changed.

After the initial warning, each time the engine is started up, the warning light will continue to flash in the above mentioned modes, until the oil is changed. A specific message will appear on the display (for versions/markets, where provided) in addition to the warning light.

If the warning light flashes, this does not mean that the car is defective but simply informs the driver that it is now necessary to change the oil as a result of regular vehicle use.

Note that engine oil is exhausted faster under the following circumstances:

– use of the vehicle prevalently for city driving, requiring more frequent regeneration of DPF

– use of the vehicle for short drives, in which the engine does not have time to reach its regular operating temperature

– repeated interruption of the regeneration process, signalled by the DPF warning light coming on.

WARNING

Exhausted engine oil should be replaced as soon as possible after the warning light comes on, never more than 500 km after the warning light first comes on. Failure to change the oil within the first 500 km may result in severe damage to the engine and will result in forfeiture of the warranty. Remember that when the warning light flashes, it does not mean that the level of engine oil is low, so if the light flashes you must not top up.

For versions/markets, where provided:

the warning light turns on and flashes along with the message on the display (if applied) when the system detects that the engine oil is exhausted. The flashing of the warning light should not be considered as a fault, rather simply informs the driver that oil needs to be changed after a standard period of car utilisation. If the oil is not changed, when reaching a second deterioration threshold, also the warning light switches on in the instrument panel and the engine operation is limited at 3000 rpm.

If the oil is still not changed, when reaching a third deterioration threshold, the engine is limited at 1500 rpm to avoid damage.

WARNING! To avoid damaging the engine it is recommended to change the engine oil when the warning light flashes. Contact a Fiat Dealership.

"DUALDRIVE" ELECTRIC POWER STEERING FAILURE (red)

This warning light comes on when the ignition key is turned to **MAR**, but it should go off after a few seconds.

If the warning light stays on, you will not get the benefit from the electric power steering and the effort needed to turn the wheel will be greatly increased, although it will still be possible to steer the car. Contact a Fiat Dealership.

A specific message is displayed on certain versions.

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.

You will hear a warning sound if a door is open and the car is moving.

LOW ENGINE OIL LEVEL (red)

(for versions/markets, where provided)

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

This warning light where provided comes on 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.

EBD FAULT (red) (amber)

Warning lights and lit at the same time with the engine running indicates an EBD system failure or that the system is not available. This may cause premature locking of the rear wheels in the event of violent braking, causing the car to swerve. Drive very carefully to a Fiat Dealership to have the system inspected immediately.

A specific message is displayed on certain versions.

INJECTION SYSTEM FAULT (Multijet versions – amber)

EOBD SYSTEM FAULT (petrol versions – amber)

Injection system failure

Under normal conditions, turning the ignition key to **MAR**, the warning light turns on but it should go off after the engine starts.

If the warning light stays on or comes on when travelling, it means there is a fault in the injection system which could cause loss of performance, poor handling and high fuel consumption levels.

A specific message is displayed on certain versions.

Under these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. In any case, you should go to a Fiat Dealership as soon as possible.

EOBD engine control system failure

Under normal conditions, turning the ignition key to **MAR**, the warning light turns on but it should go off after the engine starts. This indicates that the warning light is working correctly. If the warning light either stays on or comes on while travelling:

❒ *on permanently*: this means there is a fault in the supply/ignition system which could cause high exhaust emissions, loss of performance, poor handling and high fuel consumption levels.

A specific message is displayed on certain versions.

Under these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the car with the warning light on may cause damage. Go to a Fiat Dealership as soon as possible. The warning light goes out after the fault disappears, but the indication is stored in the system.

❒ *flashing*: this indicates possible damage to the catalytic converter (see "EOBD system" in the "Dashboard and controls" section).

If the light flashes, come off the accelerator pedal to reduce engine revs until the warning light stops flashing; continue the journey at moderate speed, trying to avoid driving conditions that may cause further flashing, and get to a Fiat Dealership as soon as possible.

Go to a Fiat Dealership as soon as possible if warning light does not light up when the key is turned to MAR or if, while travelling, it either comes on permanently or flashes (along with a message on the display on some versions). The operation of the warning light may be checked by traffic police using appropriate equipment. Respect the regulations in force in the country where you are driving.

FRONT PASSENGER AIRBAG DEACTIVATED (amber)

The warning light comes on when the front passenger airbag is disabled.

With the front passenger airbag enabled and when turning the key to **MAR**, warning light comes on for about 4 seconds, flashes for the next 4 seconds and then goes out.

WARNING

Warning light indicates a failure of warning light . This condition is indicated by intermittent blinking of warning light for longer than 4 seconds. In this case, warning light may not be indicating that there is a fault in the restraint systems. Before driving off, contact a Fiat Dealership to have the system checked immediately.

ABS SYSTEM FAULT (amber)

When the ignition key is moved 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. Under these circumstances, the braking system will work as normal but without the extra performance offered by the ABS system. Drive carefully and go to a Fiat Dealership as soon as possible.

A specific message is displayed on certain versions.

FUEL RESERVE (amber)

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

The warning light turns on when about 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.

SEAT BELT NOT FASTENED (red)

The warning light on the instrument panel will light up permanently when the car is not moving and the driver's seat belt is not correctly fastened. This light will flash if the driver's seat belt is not correctly fastened and the car is moving. The audible alert of the SBR (Seat Belt Reminder) system can be removed only by a Fiat Dealership.

GLOW PLUG HEATING (Multijet versions – amber)

GLOW PLUG HEATING FAULT (Multijet versions – amber)

Glow plug heating

The warning light comes on when the key is turned to **MAR**. It goes out as soon as the glow plugs have reached the preset temperature. Start the engine as soon as the warning light goes out.

IMPORTANT In hot outside temperatures, the warning light may stay on for only a very short time.

Glow plug heating failure

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 FILTER (Multijet versions – amber)

When the ignition key is moved 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 filter.

A specific message is displayed on certain versions.

The presence of water in the fuel circuit may cause severe damage to the injection system and irregular engine operation. If warning light comes on (with a message on the display on some versions), 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.

CAR PROTECTION SYSTEM FAULT – FIAT CODE (amber)

The warning light switching on (on some versions, with the displaying of a message) signals the failure of the Fiat Code system or, if installed, of the alarm system: in this case, 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:

– sidelights

– brake lights

– rear fog lights

– direction indicators

– number plate lights

– daytime running lights (DRL) (for versions/markets, where provided)

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 ⚠ turns on as an alternative.

A specific message is displayed on certain versions.

REAR FOG LIGHTS (amber)

The light comes on when the rear fog lights are turned on.

GENERIC WARNING (amber)

The warning light turns on in the following circumstances:

Engine oil pressure sensor fault

The warning light turns on when a failure is detected in the engine oil pressure sensor. Go to a Fiat Dealership to have the fault fixed as soon as possible.

Start&Stop fault
(for versions/markets where provided)

The warning light comes on when a Start&Stop failure is detected.

A specific message is displayed on certain versions.

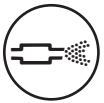
Exterior lights fault

See the section on warning light ☼.

Fuel cut-off switch tripped

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

The display will show a specific message.



DPF (Particulate Filter) CLEANING IN PROGRESS (only Multijet versions with DPF – amber)

When the ignition key is moved to **MAR** position, the warnintg 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 defect and therefore the car 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).

WARNING

Always drive at a speed appropriate to the traffic conditions, the weather and speed limits. 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 not a good idea to complete DPF regeneration with the vehicle stationary.

ESP SYSTEM FAULT (amber)

When the ignition key is moved 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 when travelling together with the button LED **ASR OFF**, contact a Fiat Dealership.

A specific message is displayed on certain versions.

Note The warning light flashing when driving indicates that the ESP system is active.

WORN BRAKE PADS (amber)

The warning light comes on if the front brake pads are worn; in this case, have them changed as soon as possible.

A specific message is displayed on certain versions.

HILL HOLDER FAULT (amber)

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

The warning light turns on to indicate a Hill Holder system fault. In this case, contact a Fiat Dealership as soon as possible.

On certain versions, warning light turns on as an alternative.

A specific message is displayed on certain versions.

SIDELIGHTS AND DIPPED BEAM HEADLIGHTS (green)

FOLLOW ME HOME (green)

Sidelights and dipped beam headlights

The light comes on when the sidelights or dipped beams are turned on.

Follow Me Home

The light comes on when this device is active (see "Follow Me Home" in the "Dashboard and controls" section).

The display will show a specific message.

FOG LIGHTS (green)

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

LEFT-HAND DIRECTION INDICATOR (green – intermittent)

The light (arrow) comes on when the direction indicator control lever is moved downwards or, together with the right-hand arrow, when the hazard warning light button is pressed.

RIGHT-HAND DIRECTION INDICATOR (green – intermittent)

The light (arrow) comes on when the direction indicator control lever is moved upwards or, together with the left-hand arrow, when the hazard warning light button is pressed.

"DUALDRIVE" ELECTRIC POWER STEERING ON (green)

The word "CITY" appears on the display when the "Dualdrive" electric power steering system is activated by pressing the relevant control button. Press the button again to make the "CITY" disappear.

MAIN BEAM HEADLIGHTS (blue)

The light comes on when the main beams are turned on.

POSSIBLE ICE ON ROAD
(versions with multifunction display)

This starts flashing when the outside temperature reaches or falls below 3 °C to warn the driver of the possible presence of ice on the road.

The display will show a specific message.

LIMITED RANGE
(versions with multifunction display)

The display will show a specific message to warn the driver that the cruising range is less than 50 km.

ASR SYSTEM
(versions with multifunction display)

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

The display will show a specific message to warn the driver that the system is off; at the same time, the button LED will turn on.

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

SPEED LIMIT EXCEEDED

The display will show a specific message when the car exceeds the fixed speed limit (see "Multifunction Display" in the "Dashboard and controls" section).

IN AN EMERGENCY

In an emergency we recommend that you call the toll-free number found in the Warranty Booklet. You can also go to the www.fiat.com website to find your nearest Fiat Dealership.

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STARTING THE ENGINE

EMERGENCY START-UP

If the instrument panel warning light stays on permanently, contact a Fiat Dealership immediately.

JUMP STARTING fig. 1

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

WARNING

This procedure must be performed by expert personnel 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.

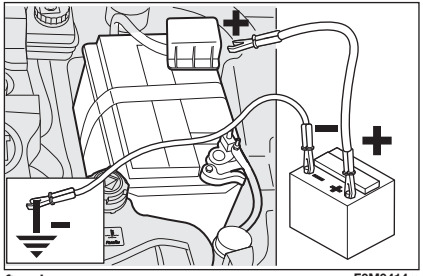

fig. 1 F0M0414m

Proceed as follows to start the car:

- ❒ connect the 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 car to be started;
- ❒ start the engine.
- ❒ when the engine has been started, follow the sequence above in reverse order to remove the leads.

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 car, prevent accidental contact between metallic parts of the two cars.

IMPORTANT For cars with Start&Stop system, in case of starting by booster battery, refer to "Dashboard and controls" chapter, paragraph "Start&Stop system".

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

GENERAL INSTRUCTIONS

Wheel changing and correct use of the jack and spare wheel call for some precautions, as listed below.

WARNING

Use your hazard lights, warning triangle, etc to show that your car is stationary. Passengers should get out of the car, particularly if it is heavily loaded, and wait for the wheel to be changed away from the traffic. Apply the handbrake.

WARNING

The spare wheel provided is specific for your vehicle. Therefore, it must not be used on different models and you should not use spare wheels from other models on your vehicle. The wheel bolts are specific for your vehicle: do not use them on different models and do not use bolts from other models on your car.

WARNING

Repair and refit the standard wheel as soon as possible. Do not apply grease to the bolt threads before assembly: they might spontaneously unscrew.

WARNING

The jack may be used to replace wheels only on the car which it equips or other cars 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 car. Incorrect positioning of the jack may cause the car 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 the rim and the tyre. Check tyre and spare wheel pressure regularly, referring to the values shown in the "Technical specifications" section.

Important notes:

❒ the jack weight is 1.76 kg;

❒ the jack requires no adjustment;

❒ the jack cannot be repaired. If it breaks it must be replaced with a new jack;

❒ no tool other than its cranking device may be fitted on the jack.

To change a wheel proceed as follows:

❒ stop the car where it is not a danger to other road users and you can replace the wheel safely. The ground should be flat and solid;

❒ turn the engine off and pull up the handbrake.

❒ engage first gear or reverse;

❒ wear the reflective safety jacket (compulsory by law in certain countries) before getting out of the car;

❒ open the boot and lift the carpet or remove the cargo box (for versions/markets, where provided);

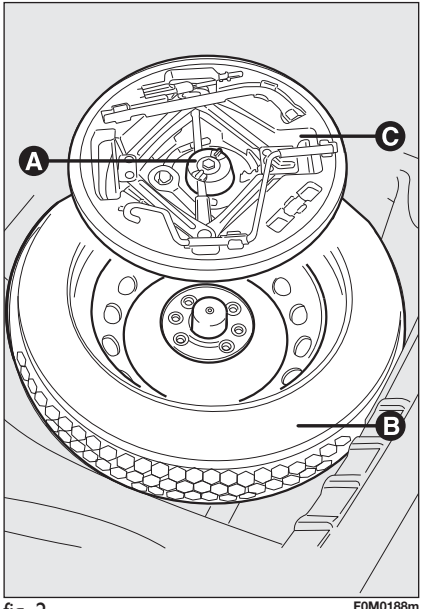

fig. 2 F0M0188m

❒ unscrew the locking device **A-fig. 2**;

❒ take out the tool container **C-fig. 2** and put it alongside the wheel to be changed;

❒ take out the spare wheel **B-fig. 2**;

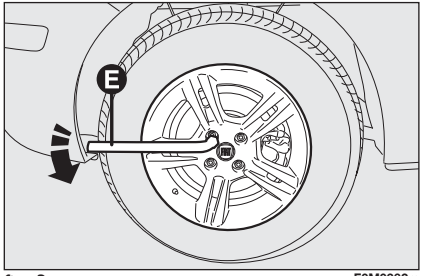

fig. 3 F0M0362m

❒ loosen the bolts of the wheel to be replaced by about one turn with the wrench provided **E-fig. 3**; if you have alloy wheels, rock the car to make it easier to separate the rim from the wheel hub;

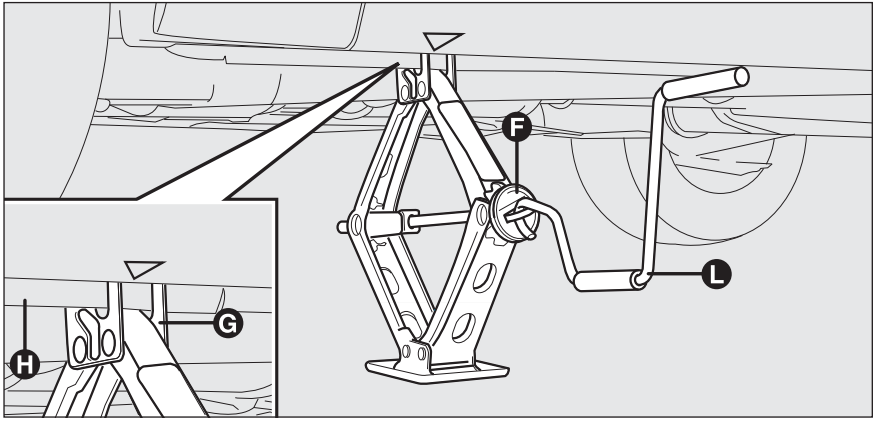

fig. 4 F0M0191m

❒ operate device **F-fig. 4** to extend the jack until the top of the jack **G-fig. 4** fits correctly into jacking point **H-fig. 4**;

❒ warn anybody nearby that the car is about to be lifted. They must stay clear and not touch the car until it is back on the ground;

❒ fit the handle **L-fig. 4** to operate the jack and lift the car until the wheel is several centimetres off the ground;

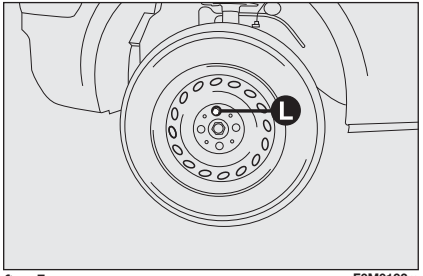

fig. 5 F0M0192m

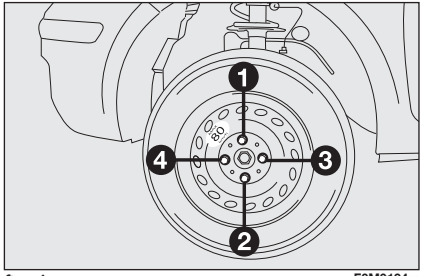

fig. 6 F0M0194m

- ❒ for versions with hub caps, remove the cap after unscrewing the 3 fastening bolts and finally unscrew the fourth bolt **L-fig. 5** 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 spare wheel by inserting the first bolt two threads into the hole closest to the inflation valve;
- ❒ fit the hub cap by aligning the crescent hole with the bolt you have fitted using the wrench;
- ❒ tighten the fastening bolts;
- ❒ turn the jack handle **L-fig. 4** to lower the car and remove the jack;
- ❒ use the wrench provided to fasten the bolts completely in a criss-cross fashion as per the order illustrated in **fig. 6**;
- ❒ if you are replacing an alloy wheel and wish to store it temporarily in the spare wheel compartment, you should position it upside down.

REFITTING A STANDARD WHEEL

Following the procedure described previously, raise the car and remove the spare wheel.

Versions with steel rims

Proceed as follows:

❒ make sure the contact surfaces between standard wheel and hub are clean so that the fastening bolts will not come loose;

❒ fit the standard wheel by inserting the first bolt two threads into the hole closest to the inflation valve;

❒ fit the hub cap by aligning the crescent hole with the bolt you have fitted, then insert the other 3 bolts;

❒ using the wrench provided, tighten the fastening bolts;

❒ lower the car and remove the jack;

❒ using the wrench provided, fully tighten the bolts in the sequence shown previously.

Versions with alloy rims

Proceed as follows:

❒ place the wheel onto the hub and tighten the bolts using the wrench provided;

❒ lower the car and remove the jack;

❒ using the wrench provided, fully tighten the bolts in the sequence shown previously.

When you have finished

❒ stow the spare wheel in the space provided in the boot;

❒ put the jack back in its container **C-fig. 2** partially open by forcing it slightly against the container walls to prevent it from rattling around when travelling;

❒ put the tools back into their places in the container;

❒ stow the container **C-fig. 2**, complete with tools, inside the spare wheel;

❒ tighten the tool container clamping device **A-fig. 2**;

❒ refit the boot carpet or the Cargo box (for versions/markets, where provided).

QUICK TYRE REPAIR KIT FIX&GO automatic

The Fix&Go automatic quick tyre repair kit is located in the boot.

The kit **fig. 7** includes:

❒ a cylinder **A** , containing sealant, which is fitted with:

– filling tube **B**;

– an adhesive label **C** with the message "max. 80 km/h" to be placed where the driver can easily see it (on the dashboard) after repairing the tyre;

❒ instruction brochure (see **fig. 8**), to be used for prompt and proper use of the quick repair kit and then presented to the personnel charged with handling the treated tyre;

❒ compressor **D-fig. 7** including gauge and connections;

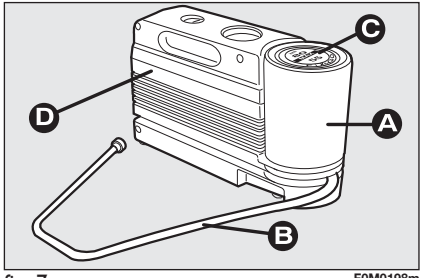

fig. 7 F0M0198m

❒ a pair of protective gloves located in the side part of the compressor;

❒ adapters for inflating different elements.

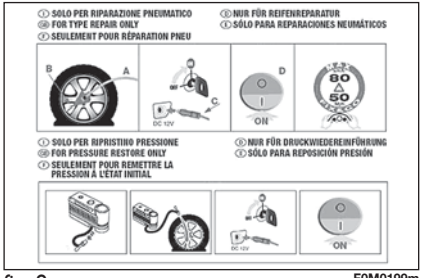

fig. 8 F0M0199m

You can also store the screwdriver and tow hitch in the quick repair kit container (stored in the boot under the carpet).

WARNING

Hand over the instruction booklet to the personnel charged with treating the tyre repaired with the kit.

In the event of a puncture caused by foreign bodies, it is possible to repair tyres showing holes on the track or shoulder of up to 4 mm in diameter.

WARNING

It is not possible to repair damage to the tyre sidewall. Do not use the quick repair kit if the tyre is damaged as a result of driving with it deflated.

WARNING

A 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 with external temperatures of between −20 °C and +50 °C.

The sealant fluid has an expiry date.

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.

WARNING

The cylinder contains ethylene glycol. It contains latex, which may cause an allergic reaction. Harmful if swallowed. Irritates the eyes. There could be a reaction in case of inhalation or contact. Avoid contact with your eyes, skin and clothes. In the event of contact, wash 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 proper compartment, away from sources of heat. The sealant fluid has an expiry date.

Replace the cylinder containing out-of-date sealant fluid. Dispose of the cylinder and the sealant liquid properly. Dispose according to the national and local laws in force.

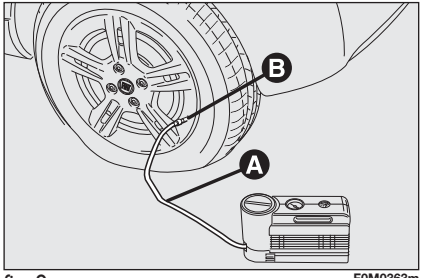

fig. 9 F0M0363m

INFLATION PROCEDURE

WARNING

Put on the protective gloves provided with the quick tyre repair kit.

❒ **Ensure that the handbrake is on**. Unscrew the tyre valve cap, remove the flexible filler tube **A-fig. 9** and fasten the nozzle **B** onto the tyre valve;

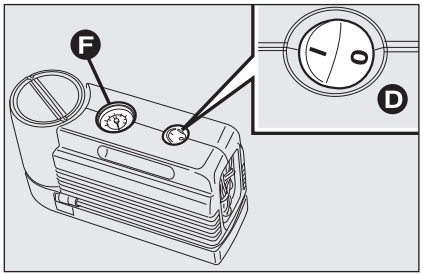

fig. 10 F0M0202m

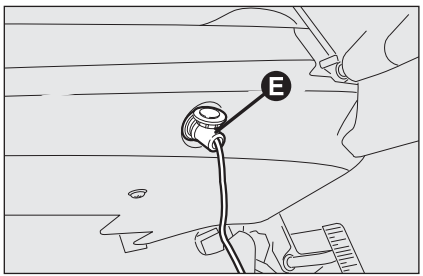

fig. 11 F0M0203m

❒ make sure that switch **D-fig. 10** of the compressor is in position 0 (off), start the engine, plug into the nearest socket **E-fig. 11** and activate the compressor by turning switch **D-fig. 10** to position **I** (on). Inflate the tyre to the pressure specified in the "Inflation pressure" paragraph in the "Technical specifications" section.

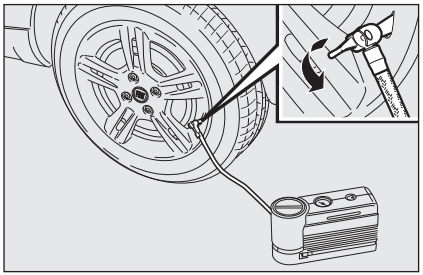
fig. 12 F0M0364m

For a more accurate reading, check pressure gauge **F-fig. 10** with the compressor off;

❒ if after 5 minutes you cannot reach at least 1.5 bar, unplug the compressor from the valve and the socket, then move the car forward about ten metres in order to distribute the sealant inside the tyre evenly, then repeat the inflation operation;

❒ if after this operation you still cannot reach at least 1.8 bar after 5 minutes, do not resume driving because the tyre is too damaged and the fast tyre repair kit cannot guarantee suitable sealing. Contact a Fiat Dealership;

❒ if you do reach the tyre pressure specified in the "Inflation pressure" paragraph in the "Technical specifications" section, start driving 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 driving for about 10 minutes, stop and check the tyre pressure again; **remember to put on 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 you get a pressure reading of at least 1.8 bar, restore the proper pressure (with engine running and handbrake on) and restart;

❒ 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.

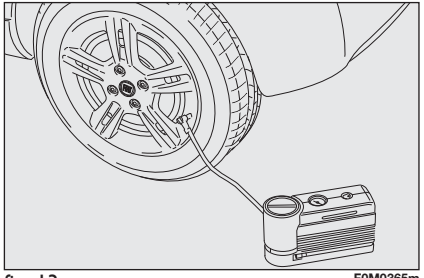

fig. 13 F0M0365m

FOR CHECKING AND RESTORING PRESSURE ONLY

The compressor may also be used for restoring pressure only. Release the fast coupling and connect it directly to the tyre valve **fig. 13**; in this way, the cylinder will not be connected to the compressor and no sealant will be injected.

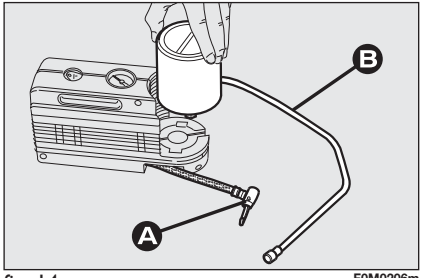

fig. 14 F0M0206m

CYLINDER REPLACEMENT PROCEDURE

To replace the cylinder, proceed as follows:

❒ disconnect **A-fig. 14**;

❒ turn the cylinder anticlockwise to lift it out;

❒ insert the new cylinder and turn it clockwise;

❒ connect **A** to the cylinder and fit the transparent tube **B** into its allocated space.

CHANGING A BULB

GENERAL INSTRUCTIONS

❒ 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;

❒ before changing a bulb check the contacts for rusting;

❒ burnt bulbs must be replaced by others of the same type and wattage;

❒ for safety reasons, always check the direction of the headlight beam after changing a bulb.

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 light emitted and even compromise the longevity of the bulb itself. In the event of accidental contact, wipe the bulb with an alcohol-soaked cloth and leave to dry.

WARNING

Modifications or repairs to the electrical system (ECUs) 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.

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.

TYPES OF BULBS

Various types of bulbs are fitted to your car:

A Glass bulbs: clipped into position. Pull to remove.

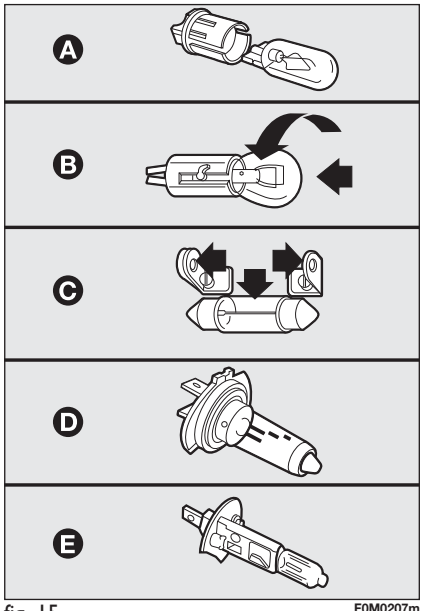

fig. 15

B Bayonet-type bulbs: to remove from its holder, press the bulb in and turn it anti-clockwise.

C Tubular bulbs: release them from their contacts to remove.

D-E Halogen bulbs: to remove the bulb, release the clip holding the bulb in place.

Bulbs	Figure ref.	Type	Power
Main beams	D	H4	55 W
Dipped beams	D	H4	60 W
Front sidelights	A	W5W	5 W
Front fog lights (for versions/markets, where provided)	–	H3	55 W
Front direction indicators	B	PY21W	21 W
Side direction indicators	A	WY5W	5 W
Rear direction indicators	B	P21W	21 W
Tailights	B	R5W	5 W
Brake lights	B	P21/5W	5 W
Third brake light	B	–	2,3 W
Reverse lights	–	P21W	21 W
Rear fog lights	–	P21W	21 W
Number plate lights	A	W5W	5 W
Front ceiling light with movable lens	C	C10W	10 W
Front ceiling light with spot lights	C	C10W	10 W

CHANGING AN EXTERIOR BULB

For the type of bulb and relative power rating, see “Changing a bulb”.

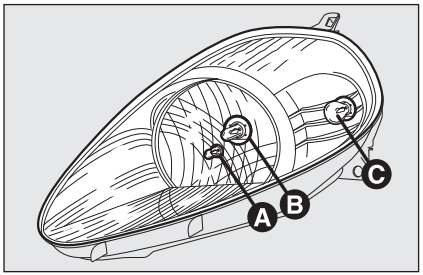

fig. 16 F0M0178m

FRONT LIGHT CLUSTERS fig. 16

The front light clusters contain sidelights, dipped beam, main beam and direction indicator bulbs.

The bulbs are arranged inside the light cluster as follows:

A sidelights

B dipped beams/main beams (double light)

C direction indicators

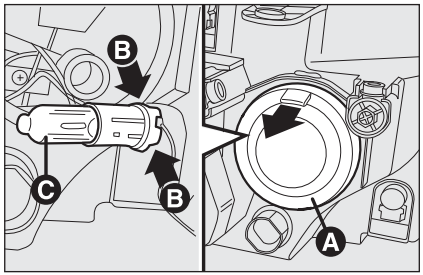

fig. 17 F0M0179m

SIDELIGHTS fig. 17

To change the bulb, proceed as follows:

❒ remove the snap-fitted rubber cap **A**, as shown by the arrow;

❒ press in tabs **B** and remove the bulb holder;

❒ remove the bulb **C** and replace it;

❒ refit the bulb holder and refit the cap **A**, ensuring that it locks into place.

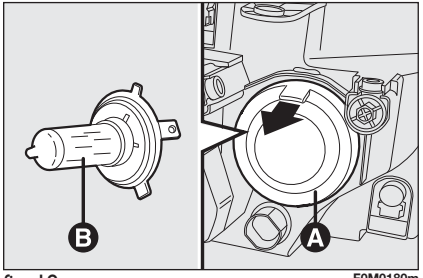

fig. 18 F0M0180m

DIPPED BEAM / MAIN BEAM HEADLIGHTS fig. 18

To change the bulb, proceed as follows:

❒ remove the snap-fitted rubber cap **A**, as shown by the arrow;

❒ disconnect the central electric connector and release the bulb holder catch;

❒ remove the bulb **B** and replace it;

❒ fit the new bulb, aligning the outlines of the metallic part with the grooves on the reflector;

❒ refit the bulb holder catch and reconnect the electrical connector;

❒ refit the cap **A**, ensuring that it locks into place.

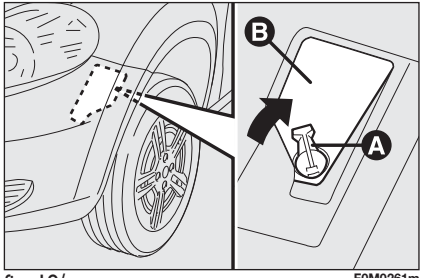

fig. 19/a F0M0261m

DIRECTION INDICATORS

Front fig. 19/a – 19/b

To change the bulb, proceed as follows:

❒ steer the right/left wheel outwards;

❒ turn the catch **A-fig. 19/a** as shown by the arrow, then lift the access flap **B**;

❒ remove the bulb holder cover **C-fig. 19/b** by turning it anti-clockwise;

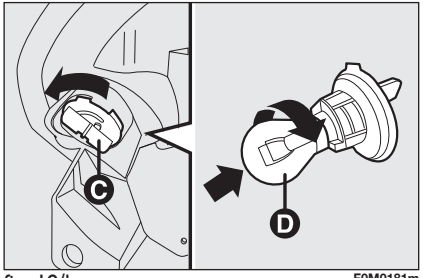

fig. 19/b F0M0181m

❒ remove the bulb **D** by pushing it in gently and turning anti-clockwise ("bayonet" clamping), then replace it;

❒ refit the bulb holder cover **C** by turning it clockwise and locking it properly;

❒ close the flap **B-fig. 19/a** and then turn the catch **A**.

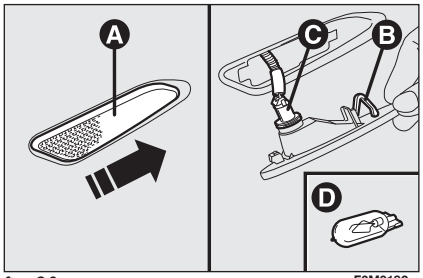

fig. 20 F0M0182m

Sidelights fig. 20

To change the bulb, proceed as follows:

❒ slide the lens **A** to press in the internal catch **B**, then pull the unit outwards;

❒ turn the bulb holder **C** anti-clockwise, remove the snap-fitted bulb **D** and replace it;

❒ refit the bulb holder **C** into the lens by turning it clockwise;

❒ refit the unit making sure the internal catch **B** clicks into place.

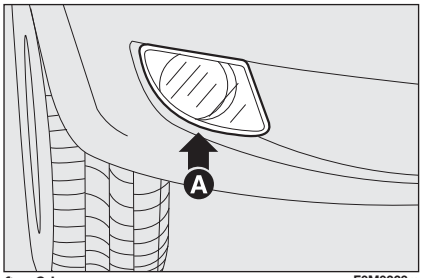

fig. 21 F0M0223m

FRONT FOG LIGHTS

(for versions/markets, where provided)

Contact a Fiat Dealership to have bulbs for the front fog lights **A-fig. 21** replaced.

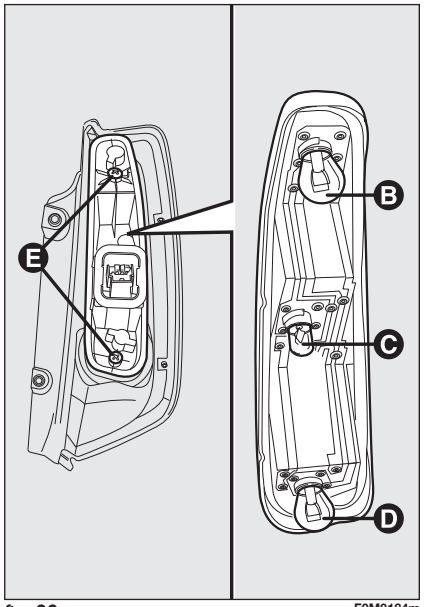

fig. 22 F0M0184m

REAR LIGHT CLUSTERS fig. 22-23

The rear light clusters contain taillight, brake light and direction indicator bulbs.

The bulbs are arranged inside the light cluster as follows:

B direction indicators

C taillights

D taillights/brake light (double light).

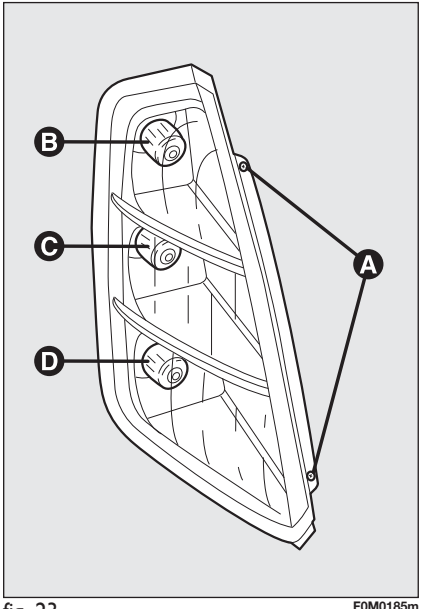

fig. 23 F0M0185m

To change the bulb proceed as follows:

❒ open the boot then loosen the two fastening screws **A**;

❒ disconnect the central electric connector and pull the lens unit outwards;

❒ loosen the screws **E** and remove the bulb holder;

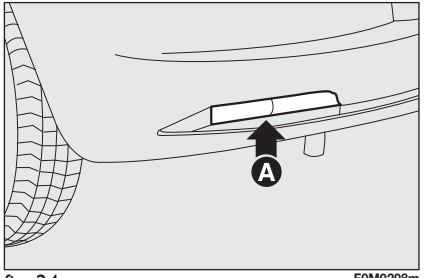

fig. 24 F0M0208m

❒ remove the bulb that needs replacing **B**, **C** or **D** by pushing it in slightly and turning it anti-clockwise ("bayonet" clamping), then replace it;

❒ refit the bulb holder and tighten the screws **E**;

❒ reconnect the electric connector, correctly realign the unit with the car body and then tighten the fastening screws **A**.

REAR FOG LIGHTS fig. 24

Contact a Fiat Dealership to have bulbs for the rear fog lights **A** replaced.

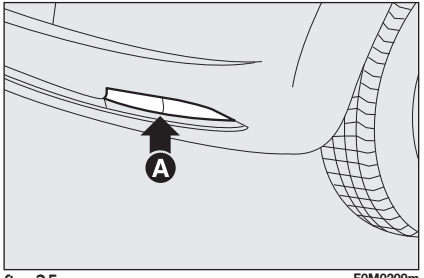

fig. 25 F0M0209m

REVERSE LIGHTS fig. 25

Contact a Fiat Dealership to have bulbs for the reverse lights **A** replaced.

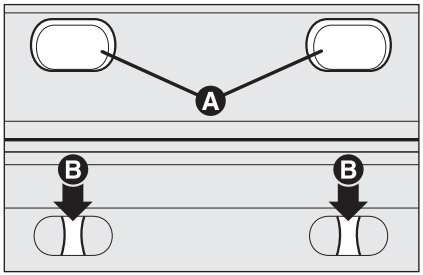

fig. 26 F0M0210m

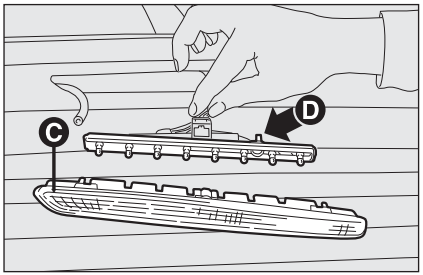

fig. 27 F0M0211m

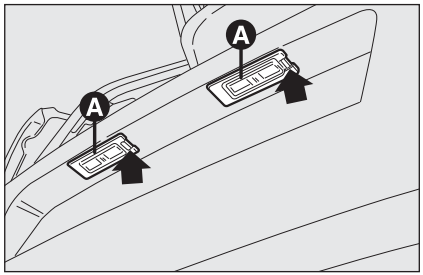

fig. 28 F0M0212m

THIRD BRAKE LIGHT fig. 26-27

To change the bulb proceed as follows:

❒ open the boot;

❒ remove the rubber caps **A-fig. 26**;

❒ press the catches **B-fig. 26** and remove the lens unit **C-fig. 27**;

❒ disconnect the electric connector;

❒ press in the tabs **D-fig. 27** and remove the bulb holder;

❒ remove the snap-fitted bulb and replace it.

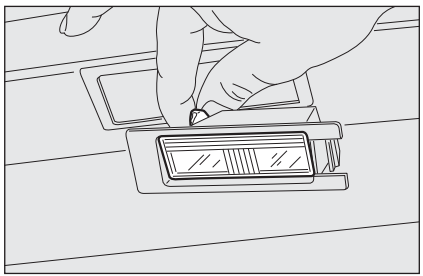
fig. 29 F0M0233m

NUMBER PLATE LIGHTS fig. 28-29

To change the bulb proceed as follows:

❒ manipulate the point shown by the arrow and remove the lens unit **A-fig. 28**;

❒ change the bulb **fig. 29** by releasing it from the side contacts and making sure the new bulb is correctly fastened between these contacts;

❒ reattach the snap-fitted lens unit.

CHANGING AN INTERIOR BULB

For the type of bulb and relevant power rating, see "Changing a bulb".

FRONT CEILING LIGHT

(for versions/markets, where provided)

Proceed as follows to replace the bulbs:

❒ manipulate the points shown by the arrows and remove the light **D-fig. 30**;

❒ open the protective flap **E-fig. 31**;

❒ replace bulb **F-fig. 33** by releasing it from the side contacts and making sure that the new bulb is correctly clamped between these contacts;

❒ close the protective flap **E-fig. 31** and secure light **D-fig. 30** into its housing making sure that it locks into place.

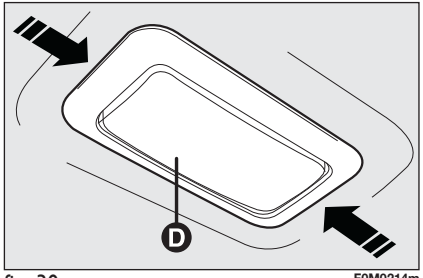

fig. 30 F0M0214m

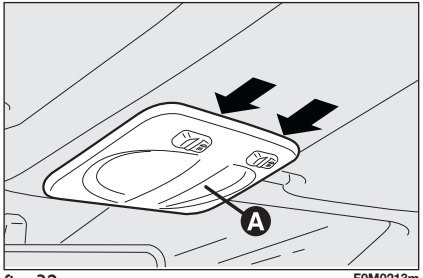

fig. 32 F0M0213m

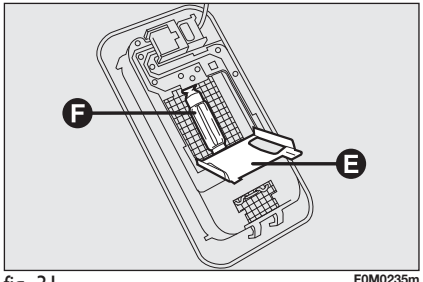

fig. 31 F0M0235m

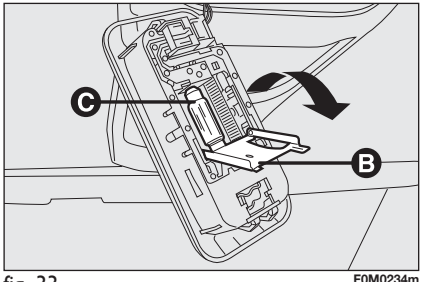

fig. 33 F0M0234m

FRONT CEILING LIGHT WITH SPOT LIGHTS

(for versions/markets, where available)

Proceed as follows to replace the bulbs:

❒ manipulate the points shown by the arrows and remove light **A-fig. 32**;

❒ open the protective flap **B**;

❒ replace bulbs **C-fig. 33** by releasing them from the side contacts and making sure that new bulbs are correctly clamped between these contacts;

❒ close the lid **B-fig. 33** and secure light **A-fig. 32** into its housing making sure that it locks into place.

CHANGING A FUSE

GENERAL INFORMATION

The fuse is a protective device for the electric system: it comes into action if there is 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. 34** must be intact. If it is not, replace the blown fuse with a new one of the same amperage (same colour).

B undamaged fuse **fig. 34**

C fuse with damaged filament **fig. 34**.

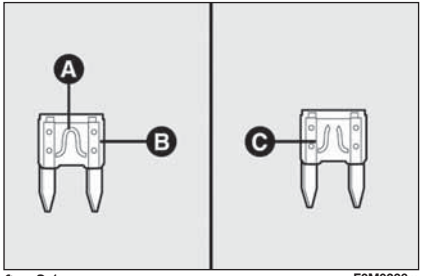

fig. 34 F0M0236m

Never replace a damaged fuse with metal wires or other recycled material.

WARNING

If the same fuse blows again, contact a Fiat Dealership.

WARNING

Do not replace one fuse with another of greater amperage; FIRE HAZARD.

WARNING

If a general protection fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) is activated, contact a Fiat Dealership.

WARNING

Remove the key from the ignition and switch off or disconnect all devices before replacing a fuse.

WARNING

If a general protection fuse for safety systems (air bag system, braking system), power unit systems (engine system, transmission system) or steering system is triggered, contact a Fiat Dealership.

ACCESSING THE FUSES

The fuses are grouped in three control units: on the dashboard, in the engine compartment and in the left-hand side of the boot.

Dashboard fusebox fig. 36

To access the dashboard fusebox, loosen the screws **A-fig. 35** and remove the cover.

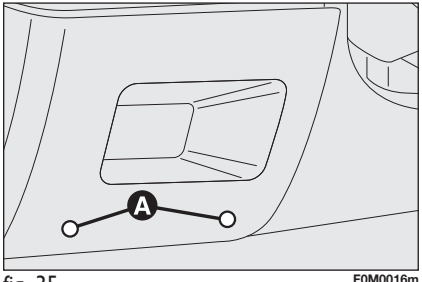

fig. 35 F0M0016m

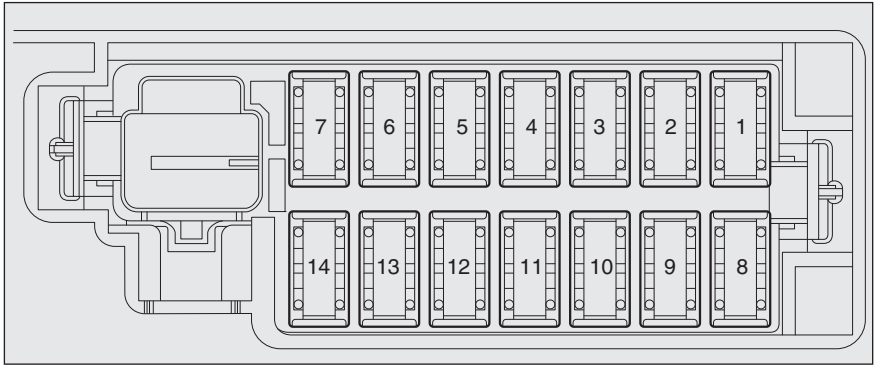

fig. 36 F0M0415m

Engine compartment fusebox
fig. 38

To access the fusebox located next to the battery, remove the protective cover **fig. 37**.

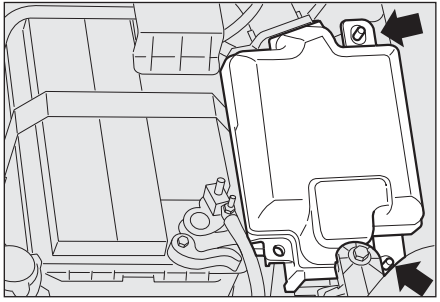

fig. 37 F0M0416m

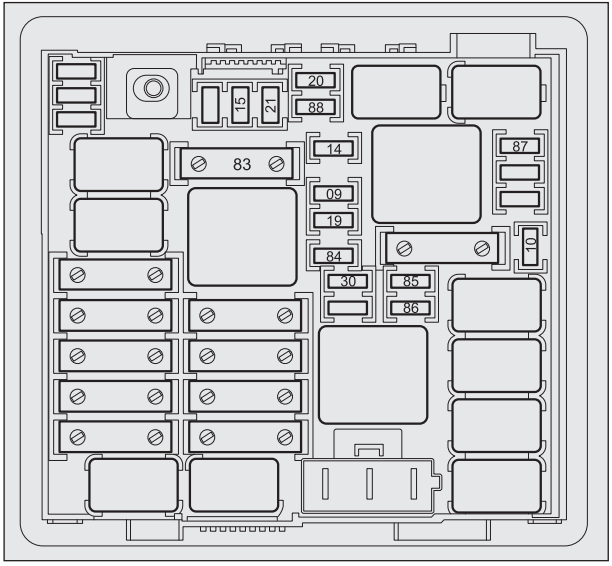

fig. 38 F0M0417m

Boot fusebox fig. 40

To access the fusebox located in the left side of the boot, open the appropriate flap (as shown in **fig. 39**).

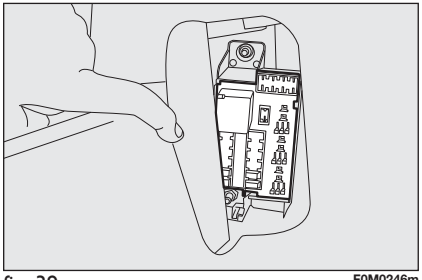

fig. 39 F0M0246m

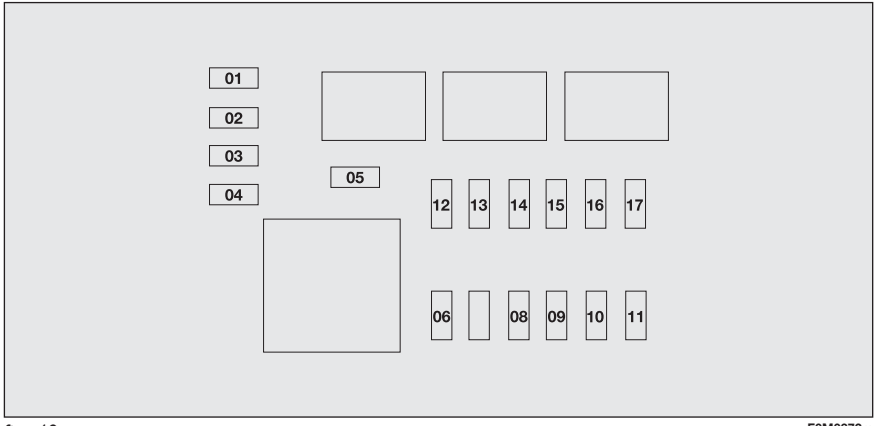

fig. 40 F0M0372m

FUSE TABLE

Dashboard fusebox fig. 36

DEVICES	FUSE	AMPS
Right dipped beam headlight	1	7,5
Left dipped beam headlight, corrector, headlamp alignment corrector	8	7,5
INT/A supply for switch coils on engine fusebox and switch coils on body computer control unit	13	5
Front ceiling light, rear ceiling light (VAN version)	2	5
Supply and battery for EOBD diagnostic plug, alarm, sound system, Blue&Me control unit	5	10
INT supply for instrument panel, switch on brake pedal (N.O. contact), third brake light	11	5
Door locking/unlocking motors, dead lock activation motors, boot unlocking motor	4	20
Windscreen/rear window washer pump	6	20
Electric window motor on driver-side front door	14	20
Electric window motor on passenger-side front door	7	20
INT supply for dashboard control lights, mirror movement exterior electrics, sunroof control unit, My Port infotelematic system socket	12	5
Instrument panel	3	5
INT supply for brake pedal switch (NC contact), clutch pedal switch, interior heating unit, Blue&Me control unit, sound system capabilities, voltage stabiliser control unit, reverse light on rear bumper, water sensor on diesel filter, glow plug heating control unit, airflow meter, brake booster sensor, switch coils on engine compartment fusebox	10	7,5

Engine compartment fusebox fig. 38

DEVICES	FUSE	AMPS
Single tone horn	10	10
Left main beam headlight, right main beam headlight	14	15
Additional heater	15	30
Air conditioning compressor	19	7,5
Heated rear window	20	30
Fuel pump on tank	21	15

DEVICES	FUSE	AMPS
Left fog light, right fog light	30	15
Methane system management solenoid valves	84	7,5
Socket (ready for use)	85	–
Passenger compartment socket, cigarette lighter	86	15
Battery charge status sensor	87	5
De-mister on driver-side wing mirror, de-mister on passenger-side wing mirror	88	7,5

Boot fusebox fig. 44

DEVICES	FUSE	AMPS
Sunroof opening system	17	20
Alarm system management control unit	14	7,5
Spare	01	–
Spare	03	–
Spare	04	–
Spare	15	–
Electric windows system (motor, control unit) on right-hand door	10	20
Spare	16	–
Driver's seat heater control unit	08	10
Tow hook system (capability for after-sale fuse assembly)	07	–
Boot socket	05	15
Electric windows system (motor, control unit) on left-hand door	11	20
Spare	13	–
Front passenger seat heater control unit	09	10
Spare	06	–
Spare	02	–

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. Rapid charging with high currents could damage the battery.

VERSIONS WITHOUT Start&Stop SYSTEM

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.

VERSIONS WITH Start&Stop SYSTEM (with dummy pole) fig. 41

(for versions/markets, where provided)

To charge, proceed as follows:

❒ disconnect the quick-release negative terminal **A** from the negative dummy pole **B** because the battery negative pole **C** has a sensor **D** monitoring the battery conditions, that should never be disconnected from the negative pole **C** (unless the battery is replaced);

❒ connect the battery charger positive cable to the battery positive pole **E** and the negative cable to the dummy pole **B**;

❒ switch on the battery charger. At the end of the charging process, switch the charger off before disconnecting it;

❒ after disconnecting the battery charger, reconnect the quick-release negative terminal **A** to the dummy pole **B**.

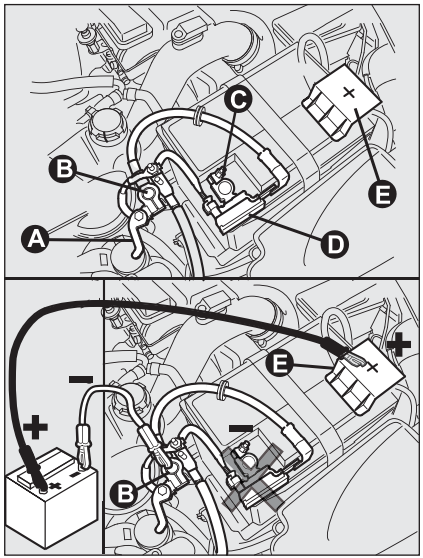

fig. 41

VERSIONS WITH Start&Stop SYSTEM fig. 42 (without dummy pole)
(for versions/markets, where provided)

To charge, proceed as follows:

❒ disconnect the connector **A** (pressing the button **B**) from the sensor **C** monitoring the battery conditions, on the negative pole **D** of the battery;

❒ connect the battery charger positive cable **E** and the negative cable to the terminal of sensor **D**, according to figure;

❒ turn on the battery charger. At the end of the charging process, switch the battery charger off;

❒ after disconnecting the battery charger, reconnect the connector **A** to the sensor **C** according to figure.

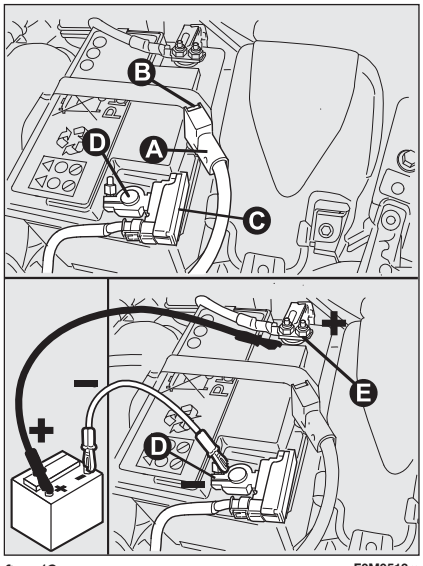

fig. 42 F0M0513m

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 gas to leak.

RAISING THE CAR

If the car needs to be lifted, go to a Fiat Dealership which is equipped with the arm hoist or workshop lift.

The car should be lifted side-on only, by putting the ends of the arms or the workshop lifting device in the areas shown in the diagram.

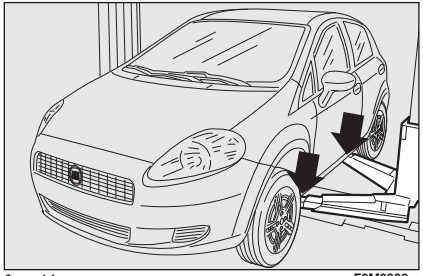

fig. 41

IMPORTANT For the Sport versions, take care not to damage the side skirts when raising the car side-on with the workshop lifting device.

TOWING THE CAR

The tow ring provided with the car is housed in the tool box under the carpet in the boot.

FASTENING THE TOW RING
fig. 44-45

Proceed as follows:

❒ release the cap **A**;

❒ take the tow ring **B** from its support;

❒ screw the ring onto the rear or front threaded pin.

WARNING

The brake booster and power steering will not work while the vehicle is being towed. You will therefore need to apply more force to the brake pedal and steering wheel. Do not use bendy cables for towing and avoid jerking. Make sure not to damage parts in contact with the car while towing. Respect the rules of the highway code when towing the car, specifically in relation to the towing device and road conduct.

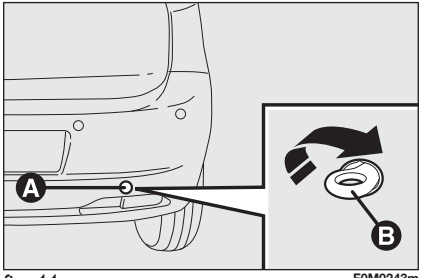

fig. 44 F0M0243m

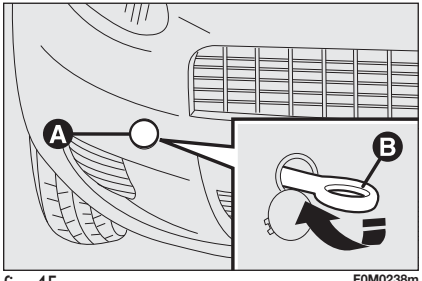

fig. 45 F0M0238m

WARNING

Do not start the engine while the car is being towed.

WARNING

Clean the threaded housing carefully before fastening the ring. Make sure that the ring is securely fastened before towing the car.

WARNING

Release the steering wheel lock before towing (see "Ignition device" in "Dashboard and controls"). The brake booster and power steering will not work while the vehicle is being towed. You will therefore need to apply more force to the brake pedal and steering wheel. Do not use bendy cables for towing and avoid jerking. Make sure not to damage parts in contact with the car while towing. Respect the rules of the highway code when towing the car, specifically in relation to the towing device and road conduct.

WARNING

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 two vehicles (one towing, the other towed) aligned as much as possible along the same centre line.

SERVICE AND CARE

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SCHEDULED SERVICING

Correct maintenance is essential for ensuring long car 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 car's requirements: 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 Scheduled Services are prescribed by the manufacturer. Failure to stick to the schedule may invalidate the warranty.

Scheduled Servicing is performed by all Fiat Dealerships at pre-arranged 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 You are advised to contact a Fiat Dealership in the event of any minor operating faults, without waiting for the next service.

If your car is used frequently for towing, the interval between services should be reduced.

SCHEDULED SERVICING PLAN PETROL VERSIONS

Services shall be performed every 30,000 km

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 lights, boot lights, passenger compartment lights, instrument panel warning lights, etc.)	●	●	●	●	●	●
Check windscreen wiper/washer operation	●	●	●	●	●	●
Check front disc brake pad conditions and wear	●	●	●	●	●	●
Check rear drum brake linings condition and wear		●		●		●
Visually inspect the conditions of: bodywork, underbody protection, pipes and tubes (exhaust – fuel – brakes), rubber parts (boots, sleeves, bushes, etc.)	●	●	●	●	●	●
Check cleanliness of bonnet and boot locks, as well as cleanliness and lubrication of linkages	●	●	●	●	●	●
Check tension and adjust accessory drive belts if necessary (versions 1.2 – 1.4 with heater)	●				●	
Visually inspect the condition of accessory drive belt/s.		●				●
Replace accessory drive belt/s				●		
Check and adjust handbrake lever stroke, if required	●	●	●	●	●	●
Check and adjust tappet clearance, if required		●		●		●

Thousands of kilometres	30	60	90	120	150	180
Check exhaust gas emissions	●	●	●	●	●	●
Check battery charge status and possibly recharg	●	●	●	●	●	●
Replace air filter cartridge		●		●		●
Top up fluid levels (engine coolant, brakes, battery, windscreen washer, etc.)	●	●	●	●	●	●
Check condition of timing belt		●				●
Check engine management system operation (through diagnostic socket)	●	●	●	●	●	●
Replace spark plugs	●	●	●	●	●	●
Replace toothed timing belt (*)				●		
Change engine oil and replace oil filter (or every 24 months)	●	●	●	●	●	●
Change brake fluid (or every 24 months)		●		●		●
Replace pollen filter (or every 24 months)	●	●	●	●	●	●

(*) Regardless of the distance covered, the timing belt should be replaced every 4 years for particularly demanding use (cold climates, city driving, idling for a long time, dusty areas) or in any case every 5 years.

If the vehicle is used mainly around town or the annual distance travelled is less than 10,000 km, the engine oil and oil filter must be changed every 12 months.

SCHEDULED SERVICING PLAN DIESEL VERSIONS

Services shall be performed every 30,000 km

Thousands of kilometres	30	60	90	120	150	180
Check tyre conditions/wear and adjust pressure if required	●	●	●	●	●	●
Check operation of lighting system (headlamps, direction indicators, hazard warning lights, boot lights, passenger compartment lights, instrument panel warning lights, etc.)	●	●	●	●	●	●
Check windscreen wiper/washer operation	●	●	●	●	●	●
Check the position/wear of the windscreen/rear window wiper blades	●	●	●	●	●	●
Check condition and wear of front disc brake pads and operation of pad wear indicator	●	●	●	●	●	●
Check rear drum brake linings condition and wear		●		●		●
Visually inspect the conditions of: bodywork, underbody protection, pipes and tubes (exhaust – fuel – brakes), rubber parts (boots, sleeves, bushes, etc.)	●	●	●	●	●	●
Check cleanliness of bonnet and boot locks, and the cleanliness and lubrication of linkages	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (brakes/hydraulic clutch, windscreen washer, battery, engine coolant, etc.)	●	●	●	●	●	●
Check the handbrake lever stroke and adjust it, if necessary	●	●	●	●	●	●
Check exhaust fumes/emissions	●	●	●	●	●	●
Visually inspect the condition of accessory drive belts		●				●

Thousands of kilometres	30	60	90	120	150	180
Check battery charge status and possibly recharg	●	●	●	●	●	●
Check operation of engine management systems (using diagnostic socket)	●	●	●	●	●	●
Replace accessory drive belt/s				●		
Replace fuel filter		●		●		●
Replace air filter cartridge	●	●	●	●	●	●
Change engine oil and oil filter (Multijet versions without DPF) (or every 24 months)	●	●	●	●	●	●
Change engine oil and oil filter (Multijet versions with DPF) (**)						
Change brake fluid (or every 24 months)		●		●		●
Replace pollen filter (or every 24 months)	●	●	●	●	●	●

(*) Regardless of the distance covered, the timing belt must be changed every 4 years for particularly demanding use (cold climates, city driving, long periods of idling) or at least every 5 years.

(**) The engine oil and the filter must be replaced when the warning light on the dashboard comes on (see the "Warning lights and messages" section) or at least every 24 months.

If the vehicle is used mainly around town or the annual distance travelled is less than 10,000 km, the engine oil and oil filter must be changed every 12 months.

REGULAR CHECKS

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

❒ engine coolant fluid level;

❒ brake fluid level;

❒ windscreen washer level;

❒ tyre pressure and conditions.

❒ operation of lights (headlights, direction indicators, hazard lights, etc.);

❒ operation of the windscreen wiper/ washer system, position and wear of the windscreen and rear window wiper blades;

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

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

DEMANDING USE OF THE CAR

Should the car be used predominantly in one of the following particularly demanding conditions:

❒ trailer or caravan towing;

❒ dusty roads;

❒ short (less than 7-8 km) and repeated journeys in sub-zero temperatures;

❒ frequently idling engine or long-distance, low-speed driving (e.g. door-to-door deliveries) or lengthy inactivity;

❒ driving in towns and cities;

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

❒ check front disc brake pad conditions and wear;

❒ check cleanliness of bonnet and boot locks, and cleanliness and lubrication of linkages;

❒ visually inspect the conditions of: engine, gearbox, transmission, pipes and tubes (exhaust – fuel – brakes), rubber parts (boots, sleeves, bushes, etc.);

❒ check battery charge and liquid level (electrolyte);

❒ visually inspect the condition of the accessory drive belts;

❒ check pollen filter and replace, if required;

❒ check air filter and replace, if required.

CHECKING LEVELS

WARNING

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

When topping up, take care not to confuse the various types of fluids: they are not interchangeable and could seriously damage the car.

1. Engine coolant

2. Battery

3. Windscreen washer fluid

4. Brake fluid

5. Engine oil

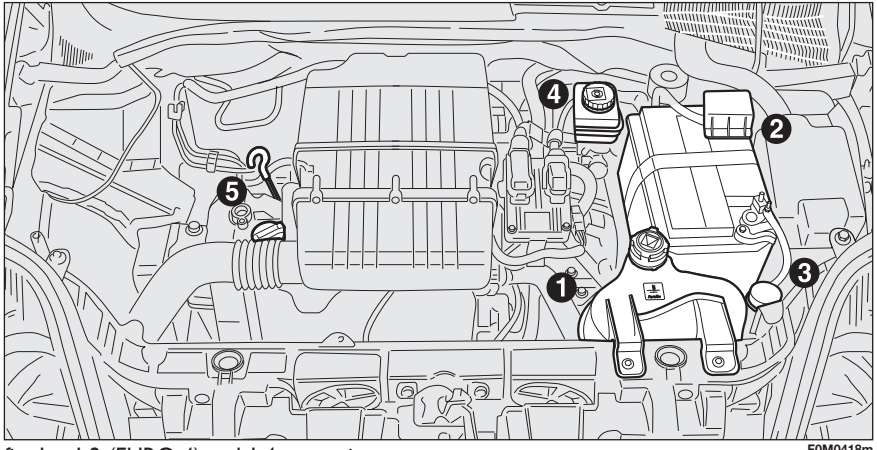

fig. 1 – 1.2 (EURO 4) and 1.4 8V versions

F0M0418m

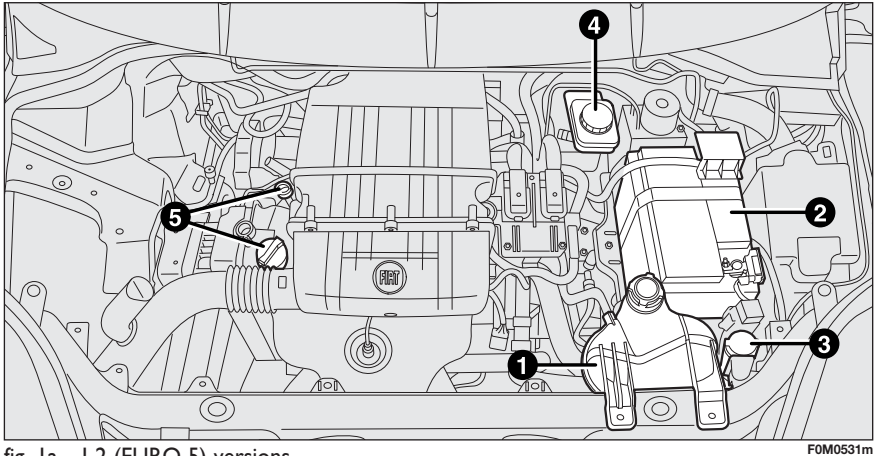

fig. 1a - 1.2 (EURO 5) versions

F0M0531m

1. Engine oil
2. Engine coolant
3. Windscreen washer fluid
4. Brake fluid
5. Battery
6. Diesel filter

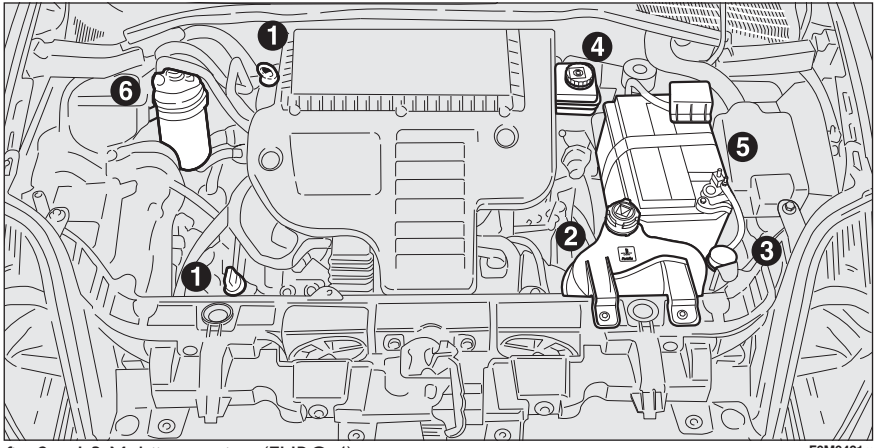

fig. 2 – 1.3 Multijet version (EURO 4)

F0M0421m

1. Engine coolant
2. Battery
3. Windscreen washer fluid
4. Brake fluid
5. Engine oil
6. Diesel filter

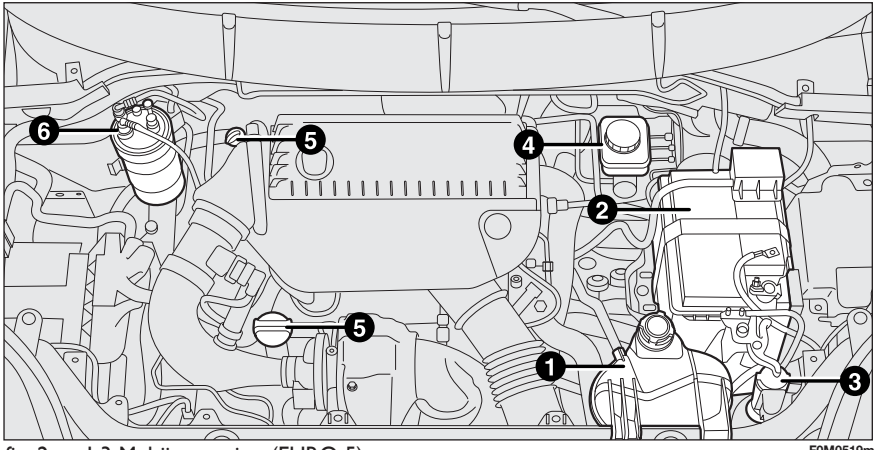

fig. 2a – 1.3 Multijet version (EURO 5)

F0M0519m

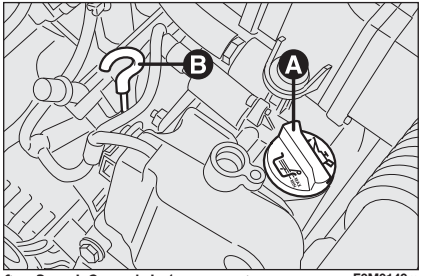

fig. 3 – 1.2 and 1.4 8V versions

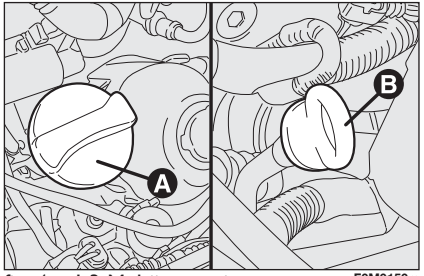

fig. 4 – 1.3 Multijet version

ENGINE OIL fig. 3-4

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

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

The gap between **MIN** and **MAX** is equal to around 1 litre of oil.

If the oil level is close to or under **MIN**, add oil through the filler neck **A**, until the level reaches **MAX**.

The oil level should never exceed **MAX**.

ENGINE OIL CONSUMPTION

The maximum engine oil consumption is usually 400 grams every 1,000 km.

During the initial period of usage for the vehicle, the engine is bedding in therefore the engine oil consumption may settle down only after the first 5,000–6,000 km.

IMPORTANT The oil consumption depends on driving style and the conditions under which the car is used.

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.

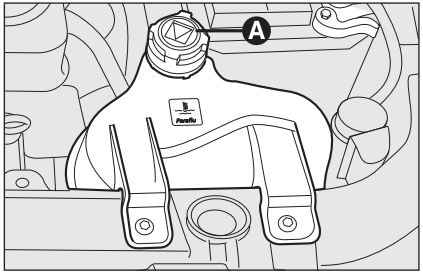

fig. 5 F0M0424m

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.

Do not add oil with different characteristics to those of the existing engine oil.

Used engine oil and the replaced oil filter contain substances that may be harmful to the environment. It is advisable to have oil and filters changed by a Fiat Dealership, where they will be disposed of properly and in accordance with the law.

ENGINE COOLANT fig. 5

The coolant level must be checked when the engine is cold and must be between the **MIN** and **MAX** lines on the vessel.

If the level is low, slowly pour a mixture of 50% demineralised water and 50% **PARAFLU^{UP}** (made by PETRONAS LUBRICANTS) through the filler neck **A** until the level reaches **MAX**.

The 50-50 mixture of **PARAFLU^{UP}** and demineralised water gives freeze protection up to −35 °C.ù

For particularly harsh climate conditions, a mixture of 60% **PARAFLU^{UP}** and 40% distilled water is recommended.

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

WARNING

The cooling system is pressurised. If the cap needs replacing, do so with another original or the effectiveness of the system may be compromised. Do not remove the cap from the reservoir when the engine is hot: you may get burned

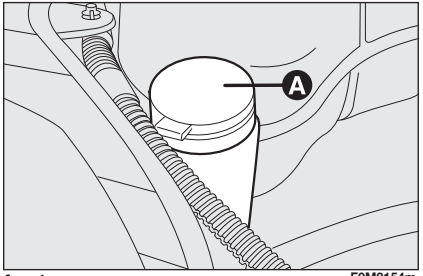

fig. 6 F0M0154m

WINDSCREEN/REAR WINDOW WASHER FLUID fig. 6

To top up, remove the cap **A**.

Pour in a mixture of water and **TUTELA PROFESSIONAL SC35**, in the following concentrations:

30% **TUTELA PROFESSIONAL SC35** and 70% water in summer.

50% **TUTELA PROFESSIONAL SC35** and 50% water in winter.

If temperatures are below −20°C, use undiluted **TUTELA PROFESSIONAL SC35** fluid.

Check the level through the reservoir.

WARNING

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

WARNING

Some commercial additives for windscreen washing are flammable. The engine compartment contains hot parts which could cause a fire if they come into contact with these additives.

BRAKE FLUID fig. 7

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

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

If you need to top up, you should use the brake fluid shown in the "Fluids and lubricants" table (see "Technical Specifications").

NB Carefully clean the reservoir cap **A** and the surrounding surfaces.

When opening the cap, 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.

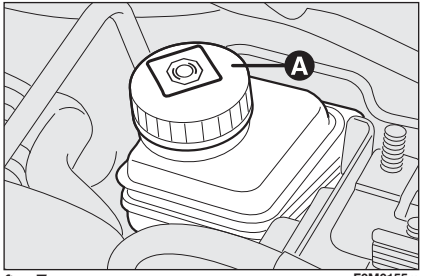

fig. 7 F0M0155m

IMPORTANT Brake fluid absorbs moisture. For this reason, if the car is mainly used in areas with a high degree of atmospheric humidity, the fluid should be replaced at more frequent intervals than specified in the "Scheduled Servicing Plan".

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 container 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.

AIR FILTER

Have the air filter replaced by a Fiat Dealership.

POLLEN FILTER

Have the pollen filter replaced by a Fiat Dealership.

BATTERY

The battery is of the "Limited maintenance" type: under normal conditions of use, the electrolyte does not need topping up with distilled water.

CHECKING THE CHARGE AND THE ELECTROLYTE LEVEL

Inspection operations must be carried out only by specialised personnel, following the prescriptions contained in this Owner Handbook. Any top-up operations must be carried out only by specialised personnel at a Fiat Dealership.

WARNING

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

WARNING

Using the battery when the fluid is too low can damage it irreparably and generate a risk of 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.

For battery maintenance, you should therefore refer to the instructions provided by the battery manufacturer.

Incorrect assembly of electric and electronic devices may cause severe damage to your car. Go to a Fiat Dealership if you want to install accessories (anti-theft device, 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 can be very harmful to the environment. It is advisable to have the battery changed by a Fiat Dealership, where it will be disposed of properly and in accordance with the law.

WARNING

If the vehicle must remain unused for a long time at very low temperatures, remove the battery and take it to a warm place to avoid freezing.

WARNING

If you have to perform any operation on the battery or near it, always protect your eyes with 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 car, ensure that the doors, boot and bonnet are closed properly to prevent the ceiling courtesy lights from staying on;
- ❒ turn off the ceiling lights, although the car does have an automatic system for switching off internal lights;
- ❒ do not leave devices (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 negative battery cable;
- ❒ make sure battery terminals are fully tightened.

IMPORTANT If the battery's charge stays below 50% for a long time it becomes damaged through sulphation, which reduces its capacity and ability to start the car.

The battery will also be more at risk of freezing (this can happen as early as −10°C). Refer to "Car inactivity" in "Starting and driving" if the car is left parked for a long time.

If, after buying the car, you want to install electrical devices that require a permanent electric supply (alarm, etc.) or devices that use a lot of electricity, contact a Fiat Dealership. Their qualified personnel, in addition to suggesting the most suitable devices from the Lineaccessori Fiat range, will evaluate the overall electricity consumption, checking whether the car's 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 consume energy even when the engine is switched off, they gradually run down the battery.

WHEELS AND TYRES

Check the pressure of each tyre, including the spare, every two weeks and before long journeys. The pressure should be checked with the tyre rested and cold.

It is normal for the pressure to increase when the car is used; for the correct tyre inflation pressure, see "Wheels" in the "Technical specifications" section.

Incorrect pressure causes abnormal tyre wear **fig. 8**:

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.

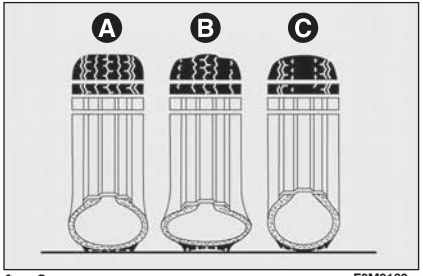

fig. 8 F0M0160m

IMPORTANT NOTES

❒ Where possible, avoid braking suddenly, wheel-spinning and crashing into curbs, potholes or other obstacles. 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 the vehicle immediately and change it to avoid damage to the tyre, the rim, and the suspension and steering systems;

❒ 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 6 years. Remember to check the spare wheel very carefully;

❒ in case of replacement, always fit new tyres, avoiding those with an unknown origin;

❒ if a tyre is replaced, you should also change the inflation valve;

❒ to allow even wear between the front and rear tyres, it is advisable to switch them every 10–15 thousand kilometres, keeping them on the same side of the car so as not to reverse the direction of rotation.

WARNING

Remember that the road holding qualities of your car also depend on correct tyre pressures.

WARNING

If the pressure is too low, the tyre will overheat and could be seriously damaged.

WARNING

Avoid switching the tyres from the right side of the vehicle to the left side and vice versa.

WARNING

Do not re-spray alloy wheel rims at temperatures higher than 150°C. The mechanical characteristics of the wheels may be compromised.

RUBBER TUBES

As far as the brake system and fuel rubber hoses are concerned, stick closely to the "Scheduled Servicing Plan" in this section.

Ozone, high temperatures and a prolonged lack of fluid in the system may cause hardening and cracking of the tubes, which could result in leaks. Careful inspections are therefore necessary.

WINDSCREEN/REAR WINDOW WIPERS

BLADES

Regularly clean the rubber part using appropriate products; **TUTELA PROFESSIONAL SC35** 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 frozen to the windscreen in 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 wipers on dry glass.

WARNING

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

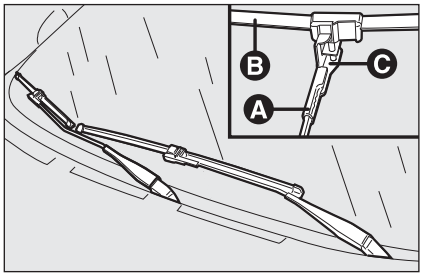

fig. 9 F0M0161m

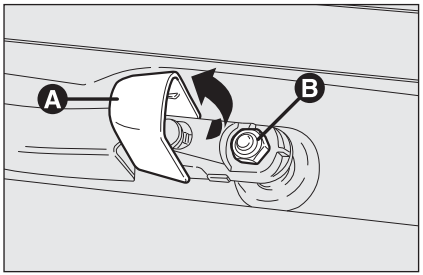

fig. 10 F0M0162m

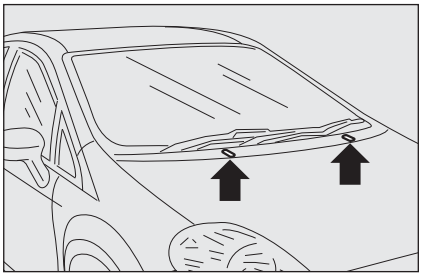
fig. 11 F0M0163m

Replacing the windscreen wiper blades fig. 9

How to remove the blade:

❒ raise the windscreen wiper arm **A**;

❒ rotate blade **B** 90° around pin **C**, located at the end of the wiper arm;

❒ remove the blade from the pin **C**.

How to insert the blade:

❒ fit pin **C** into the hole located in the middle of the blade **B**;

❒ lower the arm so the blade rests back on the windscreen.

Changing the rear window wiper blade fig. 10

Proceed as follows:

❒ raise the cover **A** and remove the arm from the car by slackening the nut **B** that fastens it to the pivot pin;

❒ fit the new arm, positioning it correctly, and fully tighten the nut;

❒ lower the cover.

SPRAY NOZZLES

Windscreen washer fig. 11

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

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

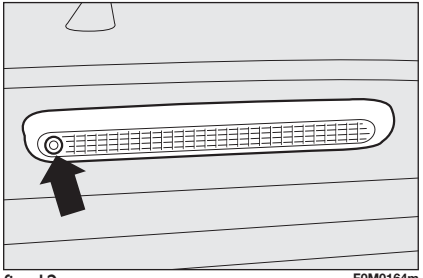

fig. 12

Rear window washer fig. 12

The rear window washer jets are fixed.

The nozzle holder is located above the rear window.

BODYWORK

PROTECTION FROM ATMOSPHERIC AGENTS

The main causes of corrosion are the following:

❒ atmospheric pollution;

❒ salty air and humidity (coastal areas or hot and humid climates);

❒ seasonal environmental conditions.

The abrasive action of wind-borne atmospheric dust and sand, as well as mud and gravel raised by other cars, should not be underestimated either.

Fiat used the best manufacturing technologies on your car to effectively protect the bodywork against corrosion.

These are the most important:

❒ painting products and systems which give the car 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 elements with highly protective wax-based products;

❒ spraying protective plastic materials in the most exposed areas: underdoor, inner mudguard parts, edges, etc.;

❒ using "open" boxed sections to prevent condensation and pockets of moisture from triggering rust inside.

BODY AND UNDERBODY WARRANTY

Your car is covered by warranty against perforation due to corrosion of any original element of the structure or bodywork.

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" in the "Technical specifications" section).

Standard upkeep of the paintwork consists of washing the vehicle: the frequency depends on the conditions and environment where the vehicle is used. For example, it is advisable to wash the car more often in areas with high atmospheric pollution or on gritted roads.

To wash the car properly, proceed as follows:

❒ if taking your car through an automatic car wash, remove the aerial from the roof;

❒ wash the body using a low-pressure jet of water;

❒ use a sponge to wipe a slightly soapy solution over the bodywork, frequently rinsing the sponge;

❒ rinse with plenty of water and dry with a jet of air or a chamois leather.

Take particular care when drying the less visible parts, such as the door, bonnet and headlight frames, where water can stagnate more easily. It is a good idea to leave the car in the open for a while after washing it to give time for the water to evaporate.

Do not wash the car after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork.

Exterior plastic parts must be cleaned in the same way as the rest of the car.

Where possible, do not park under trees; the resinous substances that fall off many species give the paint a dull appearance and increase the possibility of triggering rust processes.

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

Detergents pollute water. The vehicle should be washed only in areas equipped for collecting and purifying the liquids 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

Wash the engine compartment thoroughly at the end of every winter. Be careful not to direct the jet of water onto electronic control units. Adequately protect the upper air vents to prevent damage to the windscreen wiper motor. Have this operation performed at a specialised workshop.

IMPORTANT Washing should take place with a cold engine and with the key at **STOP**. 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.

INTERIOR

Check regularly that water is not trapped under the mats (due to drops from shoes, umbrellas, etc.), as this could cause the sheet metal to rust.

WARNING

Never use flammable products, such as petroleum ether or modified petrol, to clean the inside the car. The electrostatic charges which are generated by rubbing during cleaning may cause a fire.

WARNING

Do not keep aerosol cans in the vehicle: these could explode. Aerosol cans must not be exposed to temperatures exceeding 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.

Wipe the seats with a sponge soaked in a solution of mild detergent and water.

The fabric upholstery of your car is designed to withstand normal wear and tear for a long time. Some precautions are however needed. Avoid prolonged rubbing against clothing accessories, such as metal buckles, bosses, Velcro strips and the like, which by applying a high pressure on the fabric in a small area could cause the breakage of some threads and damage the upholstery.

PLASTIC PARTS

It is advisable to clean interior plastic parts with a damp cloth and a solution of water and mild, non-abrasive detergent. 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 alcohol- or petrol-based products to clean the instrument panel.

GENUINE LEATHER STEERING WHEEL/GEAR LEVER KNOB

These components must be cleaned with mild soap and water only.

Never use spirits and/or alcohol-based products.

Before using off-the-shelf products designed for cleaning vehicle interiors, make sure that they do not contain spirits and/or alcohol-based substances.

If window cleaner accidentally drips onto the steering wheel or gear lever knob, wipe away immediately and then wash the affected area with mild soap and water.

IMPORTANT When arranging a steering wheel locking device, be careful not to damage the leather upholstery.

TECHNICAL SPECIFICATIONS

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IDENTIFICATION DATA

We recommend taking note of the identification codes. The following identification codes are printed and shown on the plates:

❒ Vehicle identification number (VIN) plate.

❒ Chassis marking.

❒ Bodywork paint identification plate.

❒ Engine marking.

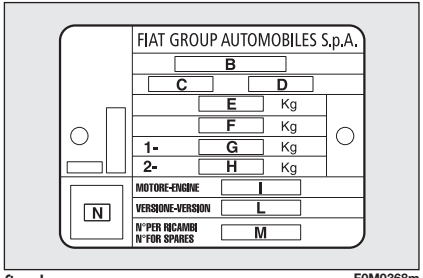

fig. I F0M0368m

VIN PLATE fig. I

The plate can be found on the left side of the boot floor and it bears the following identification data:

B Type-approval number.

C Vehicle type code.

D Chassis number.

E Maximum vehicle weight fully loaded.

F Maximum vehicle weight fully loaded with trailer.

G Maximum weight on front axle.

H Maximum weight on rear axle.

I Engine type.

L Body version code.

M Number for spare parts.

N Correct smoke opacity index (for diesel engines).

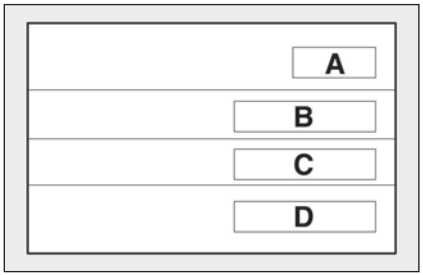

fig. 2 F0M0167m

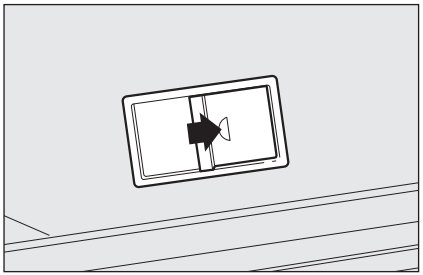
fig. 3 F0M0168m

BODYWORK PAINT IDENTIFICATION PLATE fig. 2

This can be found on the external rear door pillar (left-hand side) and it bears the following information:

A Paint manufacturer.

B Colour name.

C Fiat colour code.

D Colour code for touch-ups or re-spraying.

CHASSIS MARKING fig. 3

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

❒ car model (ZFA 199000);

❒ chassis number.

ENGINE MARKING

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

ENGINE CODES – BODYWORK VERSIONS

Version	Engine type code	Engine type body version code			
		3 doors		5 doors	
		4 seats	5 seats(Δ)	4 seats	5 seats (Δ)
1.2 (EURO 4)	199A4000	199AXA1A 00G	199AXA1A 00F	199BXA1A 01D	199BXA1A 01C
1.2 (EURO 5)	169A4000	199AXZ1A 50B (○)	199AXZ1A 50 (○)	199BXZ1A 51B (○)	199BXZ1A 51 (○)
1.2 ECO	169A4000	199AXZ1A 50E (○)	199AXZ1A 50D (○)	199BXZ1A 51E (○)	199BXZ1A 51D (○)
1.4 (EURO 4)	350A1000	199AXB1A 02E	199AXB1A 02D	199BXB1A 03P	199BXB1A 03C
1.4 (EURO 5)	350A1000	199AXB1A 02R (○)	199AXB1A 02Q (○)	199BXB1A 03R (○)	199BXB1A 03Q (○)
1.4 (Δ) (EURO 4)	199A7000	199AXH1A 19B	199AXH1A 19	199BXH1A 20D	199BXH1A 20
1.4 (Δ) (EURO 5)	199A7000	199AXH1A 19F (○)	199AXH1A 19E (○)	199BXH1A 20F (○)	199BXH1A 20E (○)
1.3 Multijet 75HP (EURO 4)	199A2000	199AXC1A 04C 199AXC1A 04E (*) 199AXC1A 04G (❒)	199AXC1A 04 199AXC1A 04D (*) 199AXC1A 04F (❒)	199BXC1A 05E 199BXC1A 05H (*) 199BXC1A 05G (❒)	199BXC1A 05 199BXC1A 05C (*) 199BXC1A 05F (❒)
1.3 Multijet 75HP (EURO 5)	199A9000	199AXT1A 37D (○) (*) 199AXT1A 37H (○) (*) (❒)	199AXT1A 37C (○) (*) 199AXT1A 37G (○) (*) (❒)	199BXT1A 38D (○) (*) 199BXT1A 38H (○) (*) (❒)	199BXT1A 38C (○) (*) 199BXT1A 38G (○) (*) (❒)
1.3 Multijet 70HP (Δ) (EURO 4)	199B2000	199AXP1A 29F	199AXP1A 29E	199BXP1A 30F	199BXP1A 30E
1.3 Multijet 85HP ECO	199B4000	199AXY1A 48C	199AXY1A 48B	199BXY1A 49C	199BXY1A 49B

(*) Version with DPF
(❒) ECO versions
(Δ) For versions/markets, where provided
(○) Version with Start&Stop

ENGINE

INFORMATION		1.2 (Euro 4)	1.2 (Euro 5)	1.4	1.3 Multijet	1.3 Multijet 85HP ECO
Type code		199A4000	169A4000	350A1000 199A7000 (Δ)	199A2000 199B2000 (Δ) 199A9000 (*)	199B4000
Cycle		Otto	Otto	Otto	Diesel	Diesel
Number and layout of cylinders		4 in line	4 in line	4 in line	4 in line	4 in line
Piston bore and stroke	mm	70.8 × 78.86	70.8 x 78.86	72 × 84	69.6 × 82	69.6 x 82
Total capacity	cm^3	1242	1242	1368	1248	1248
Compression ratio		11.1:1	11.1:1	11.1:1	17.6:1/16.8:1 (*)	16.8:1
Max power (EEC)	kW HP	48 65	51 69	57 77/75 (Δ)	55 75/70 (Δ)	62 85
corresponding speed	rpm	5500	5500	6000	4000	3500
Max torque (EEC)	Nm kgm	102 10.4	102 10.4	115 11.7	190 19.4	200 20.4
corresponding speed	rpm	3000	3000	3000	1750/1500 (*)	1500
Spark plugs		NGK ZKR7A-10	NGK ZKR7A-10	NGK ZKR7A-10	–	–
Fuel		Unleaded petrol 95 RON (Specification EN228)	Unleaded petrol 95 RON (Specification EN228)	Unleaded petrol 95 RON (Specification EN228)	Diesel for motor vehicles (EN590 specifications)	Diesel for motor vehicles (EN590 specifications)

(Δ) For versions/markets, where provided
(*) EURO 5

FUEL SUPPLY

	1.2 - 1.4	1.3 Multijet
Fuel supply	Multipoint electronic injection	“Common Rail” Multijet direct injection

WARNING

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

TRANSMISSION

	1.2 - 1.4 - 1.3 Multijet
Gearbox	Five forward gears plus reverse with synchronisers for selecting forward gears
Clutch	Self-adjusting with no free travel
Drive	Front

BRAKES

	1.2 - 1.4 - 1.3 Multijet
Service brakes:	
– front	disc (self-ventilating for versions/markets, where provided)
– rear	drum
Parking brake	controlled by hand lever, acting on rear brakes

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

SUSPENSION

	1.2	1.4 - 1.3 Multijet
Front	Independent wheel McPherson-type	Independent wheel McPherson-type with anti-roll bar
Rear	torsion beam with interconnected wheels	

STEERING SYSTEM

		1.2 - 1.4 - 1.3 Multijet
Type		rack and pinion with electric power steering
Turning circle (kerb to kerb)	m	10,9

WHEELS

RIMS AND TYRES

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

IMPORTANT In the event of discrepancies between the information provided in this Owner Handbook and the Log Book, the latter takes precedence.

For safety when driving, it is essential that the car is fitted with tyres of the same make and type on all wheels.

IMPORTANT Do not use inner tubes with tubeless tyres.

SPARE WHEEL

Pressed steel rim Tubeless tyre.

WHEEL GEOMETRY

Total front toe-in: 1 ± 1 mm

Total rear toe-in: 1.7 ± 2 mm.

The values refer to the car in running order.

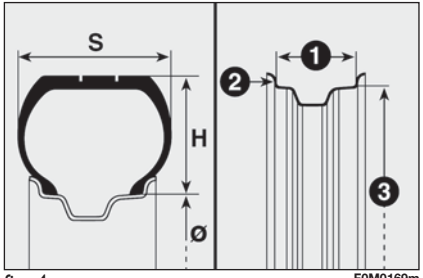

fig. 4

READING TYRE MARKINGS fig. 4

Example: 175/65 R 15 84T

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

65 = Height/width ratio (H/S) as a percentage.

R = Radial tyre.

15 = Rim diameter in inches (Ø).

84 = 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.

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

70 = 335 kg	**81** = 462 kg
71 = 345 kg	**82** = 475 kg
72 = 355 kg	**83** = 487 kg
73 = 365 kg	**84** = 500 kg
74 = 375 kg	**85** = 515 kg
75 = 387 kg	**86** = 530 kg
76 = 400 kg	**87** = 545 kg
77 = 412 kg	**88** = 560 kg
78 = 425 kg	**89** = 580 kg
79 = 437 kg	**90** = 600 kg
80 = 450 kg	**91** = 615 kg

READING RIM MARKINGS fig. 4

Example: 6J × 15 ET43

6 = rim width in inches **1**.

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

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

ET43 = wheel camber (distance between the disc/rim support plane and the wheel rim centre line).

fig. 5

TYRES RIM PROTECTOR fig. 5

WARNING

If after-sale tyres with rim protector are used (fig. 5) and the car has integral cups fixed (by springs) to the sheet wheel, DO NOT fit wheel cups. The use of unsuitable tyres and wheel cups could cause a sudden pressure loss of the tyre.

Version	Rims (*)	Tyres provided	Tyres snow	Spare wheel (●) Rim (*)	Spare wheel (●) Tyre
1.2 (Euro 5) - 1.4 **1.3 Multijet**	6J X 15" - ET 43 6J X 15" - ET 43 (▲)	175/65 R15 84T 185/65 R15 88T	175/65 R15 84T (M+S) 185/65 R15 88T (M+S)	6J X 15" - ET 43	175/65 R15 84T 185/65 R15 88T
1.3 Multijet 85HP ECO	6J X 15" - ET 43 (▲)	185/65 R15 88T	185/65 R15 88T (M+S)		
1.2 ECO	6J X 15" - ET 43 (▲)	185/65 R15 88T	185/65 R15 88T (M+S)	6J X 15" - ET 43	185/65 R15 88T

(▲) OPT Alloy rim

(*) 100 mm wheel stud distance and M12 x 1.5 studs; use only wheels specified for this car.

(●) Depending on the configuration, the spare wheel has a 175/65 R15 84T tyre and a 6J×15"- ET43 rim. In this case the 175/65 R15 84T tyre has the same specifications as the spare wheel: the information in "Changing a tyre" therefore refers to the 175/65 R15 84T tyre.

COLD TYRE INFLATION PRESSURE (bar)

Versions	1.2 Front	1.2 Rear	1.4 Front	1.4 Rear	1.3 Multijet Front	1.3 Multijet Rear
175/65 R15 84T						
Medium load	2.2	2.1	2.2	2.1	2.4	2.1
Full load	2.2	2.2	2.2	2.2	2.5	2.2
185/65 R15 88T						
Medium load	2.2	2.0	2.2	2.0	2.3	2.1
Full load	2.2	2.2	2.2	2.2	2.3	2.3

Add +0.3 bar to the prescribed 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 recommended for standard tyres.
When running at speeds higher than 160 km/h, inflate tyres to full-load pressures.

PERFORMANCES

Maximum speeds after initial car use, in km/h.

1.2 (Euro 4)	1.2 (Euro 5) - 1.2 ECO	1.4	1.3 Multijet 70HP-75HP	1.3 Multijet 85HP ECO
155	156	165	165	172

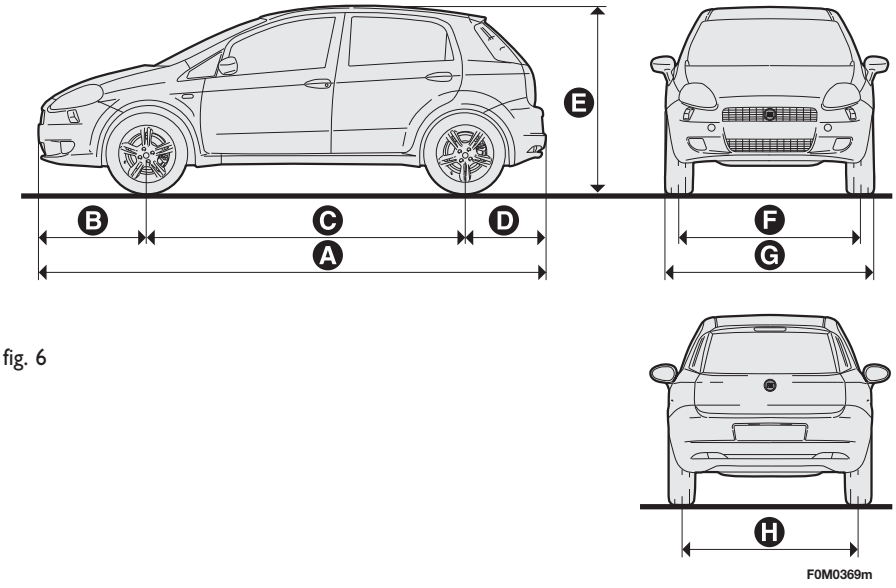

fig. 6

DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle fitted with its original tyres.

Height is measured with the vehicle unladen.

Boot capacity

Capacity with vehicle unladen (VDA standards): ..... 275 dm^3

Capacity with rear seat and backrest folded over: .....1030 dm^3

Version 3 - 5 doors	A	B	C	D	E	F	G	H
1.2 - 1.4 1.3 Multijet	4030	875	2510	645	1490	1473	1687	146

IMPORTANT Measurements may vary according to rim/tyre size.

WEIGHTS

Weights (kg)	1.2				1.4			
	3 doors 4 seats	3 doors 5 seats (Δ)	5 doors 4 seats	5 doors 5 seats (Δ)	3 doors 4 seats	3 doors 5 seats (Δ)	5 doors 4 seats	5 doors 5 seats (Δ)
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment):	1015	1015	1030	1030	1025	1025	1040	1040
Payload (*) including the driver:	480	560	480	560	480	560	480	560
Maximum permitted loads (**)								
– front axle:	850	850	850	850	850	850	850	850
– rear axle:	850	850	850	850	850	850	850	850
– total:	1495	1575	1590	1590	1505	1585	1600	1600
Towable loads:								
– braked trailer:	900/500(•)	900/500(•)	900/500(•)	900/500(•)	1000	1000	1000	1000
– non-braked trailer:	400	400	400	400	400	400	400	400
Maximum load on roof:	50	50	50	50	50	50	50	50
Maximum load on the ball joint (braked trailer):	60	60	60	60	60	60	60	60

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

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

(Δ) For versions/markets, where provided.

(•) Versions ECO.

Weights (kg)	1.3 Multijet 70HP - 75HP				1.3 Multijet 85HP ECO			
	3 doors 4 seats	3 doors 5 seats (Δ)	5 doors 4 seats	5 doors 5 seats (Δ)	3 doors 4 seats	3 doors 5 seats (Δ)	5 doors 4 seats	5 doors 5 seats (Δ)
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment):	1090	1090	1105	1105	1130	1130	1145	1145
Payload (*) including the driver:	480	560	480	560	480	560	480	560
Maximum permitted loads (**)								
– front axle:	950	950	950	950	950	950	950	950
– rear axle:	850	850	850	850	850	850	850	850
– total:	1570	1650	1665	1665	1610	1690	1625	1705
Towable loads:								
– braked trailer:	1000	1000	1000	1000	1000	1000	1000	1000
– non-braked trailer:	400	400	400	400	400	400	400	400
Maximum load on roof:	50	50	50	50	50	50	50	50
Maximum load on the ball joint (braked trailer):	60	60	60	60	60	60	60	60

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

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

(Δ) For versions/markets, where provided.

CAPACITIES

		1.2	1.4	1.3 Multijet	Recommended fuels and original lubricants
Fuel tank: including a reserve of:	litres litres	45 5 ÷ 7	45 5 ÷ 7	– –	Unleaded petrol with no less than 95 R.O.N. (EN228 Specification)
Fuel tank: including a reserve of:	litres litres	– –	– –	45 5 ÷ 7	Diesel for motor vehicles (EN590 Specification)
Engine cooling system:	litres	5.27	5.27	7.4/6,7 (*)	50-50 mixture of water and **PARAFLU^UP** liquid (❐)
Engine sump: Engine sump and filter:	litres litres	2.4 2.6	2.4 2.6	– –	**SELENIA K P.E.**
Engine sump: Engine sump and filter:	litres litres	– –	– –	3.0 3.2	**SELENIA WR P.E.**
Gearbox/differential casing:	kg	1.5	1.5	1.7	**TUTELA CAR TECHNYX**
Hydraulic brake circuit:	kg	0.5	0.5	0.5	**TUTELA TOP 4**
Windscreen/rear window washer fluid reservoir: with headlight washers:	litres litres	2.2 4.5	2.2 4.5	2.2 4.5	Mixture of water and **TUTELA PROFESSIONAL SC35**

(❐) For particularly harsh climate conditions, a mixture of 60% **PARAFLU^UP** and 40% distilled water is recommended.

(*) EURO 5

FLUIDS AND LUBRICANTS

SPECIFICATIONS AND RECOMMENDED PRODUCTS

Use	Quality specifications of fluids and lubricants for correct car operation	Original fluids and lubricants	Replacement interval
Lubricants for petrol engines	SAE 5W-40 ACEA C3 grade synthetic base lubricant. **FIAT 9.55535-S2 certification.**	**SELENIA K P.E.** Contractual Technical Reference N° F603.C07	As per the Scheduled Servicing Plan
Lubricants for diesel engines	SAE 5W-30 grade synthetic base lubricant. **FIAT 9.55535-S1 certification.**	**SELENIA WR P.E.** Contractual Technical Reference N° F510.D07	As per the 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 performances are not guaranteed and the lubricants should be replaced with recommended products as soon as possible at a Fiat Dealership.
The use of products with specifications lower than ACEA C3 and ACEA C2 could cause engine damage not covered under warranty.

Use	Quality specifications of fluids and lubricants for correct car operation	Original fluids and lubricants	Applications
Lubricants and greases for drive transmission system	SAE 75W-85 grade synthetic base lubricant. **FIAT 9.55550-MX3 certification**	**TUTELA CAR TECHNYX** Contractual Technical Reference N° F010.B05	Mechanical gearbox and differential
	Molybdenum disulphide grease, for use at high temperatures. **FIAT 9.55580 certification**. NL.GI. 1-2 consistency	**TUTELA ALL STAR** Contractual Technical Reference N° F702.G07	Wheel side constant-velocity joints
	Grease for constant-velocity joints with low friction coefficient. **FIAT 9.55580 certification**. NL.GI. 0-2 consistency	**TUTELA STAR 700** Contractual Technical Reference N° F701.C07	Differential side constant-velocity joints
Brake liquid	Synthetic fluid FMVSS n° 116 DOT 4, ISO 4925 SAE J1704, CUNA NC 956- 01. **FIAT 9.55597 certification**	**TUTELA TOP 4** Contractual Technical Reference N° F001.A93	Hydraulic brakes and hydraulic clutch controls
Radiator protection	Inhibited mono ethylene glycol-based antifreeze protection, red, with organic formulation. Passes CUNA NC 956-16, ASTM D 3306 specifications. **FIAT 9.55523 certification**	**PARAFLU^{UP}** (*) Contractual Technical Reference N° F101.M01	Cooling circuit. Mixture: 50% water and 50% **PARAFLU^{UP}** (❐)
Fuel additive	Additive for diesel antifreeze, protecting diesel engines	**TUTELA DIESEL ART** Contractual Technical Reference N° F601.L06	Mix 25cc per 10 litres of diesel
Windscreen/rear window washer fluid	Mixture of alcohol, water and surfactants CUNA NC 956-II **FIAT 9.55522 certification**.	**TUTELA PROFESSIONAL SC35** 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.

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

FUEL CONSUMPTION - CO_2 EMISSIONS

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

The procedures below are followed for measuring consumption:

- ❒ urban cycle: cold starting followed by driving that simulates urban use of the car;
- ❒ 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 consumption: this is calculated with a weighting of about 37% urban cycle consumption and about 63% extra-urban consumption.

IMPORTANT The type of route, traffic situations, weather conditions, driving style, general state of the car, trim level/equipment/accessories, load, climate control system, roof rack, and other situations that affect how the car moves through the air may lead to different fuel consumption levels than those measured.

Fuel consumption and CO_2 emissions according to the current European directive

Versions	Urban	Extra-urban	Combined	CO_2 emissions (*)
1.2 (EURO 4)	7.3	4.8	5.7	135
1.2 (EURO 5)	6.7	4.4	5.2	123
1.2 ECO	6.6	4.3	5.1	119
1.4 (EURO 4)	7.5	5.0	5.9	139
1.4 (EURO 5)	7.4	4.7	5.7	132
1.3 Multijet 70HP (EURO 4)	4.9	3.4	4.0	104
1.3 Multijet 75HP (EURO 4)	6.2	3.5	4.5	119
1.3 Multijet 75HP (EURO 4) ECO	5.2	3.5	4.1	109
1.3 Multijet 75HP (EURO 5)	5.2	3.5	4.1	108
1.3 Multijet 75HP (EURO 5) ECO	5.1	3.3	4.0	104
1.3 Multijet 85HP ECO	4.6	3.0	3.6	95

(*) The CO_2 emissions levels refer to combined consumption.

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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-authorised 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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*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.selenia.com.

RIGHT HAND DRIVE VERSION

The presence and the position of the instruments and warning lights may vary according to the versions.

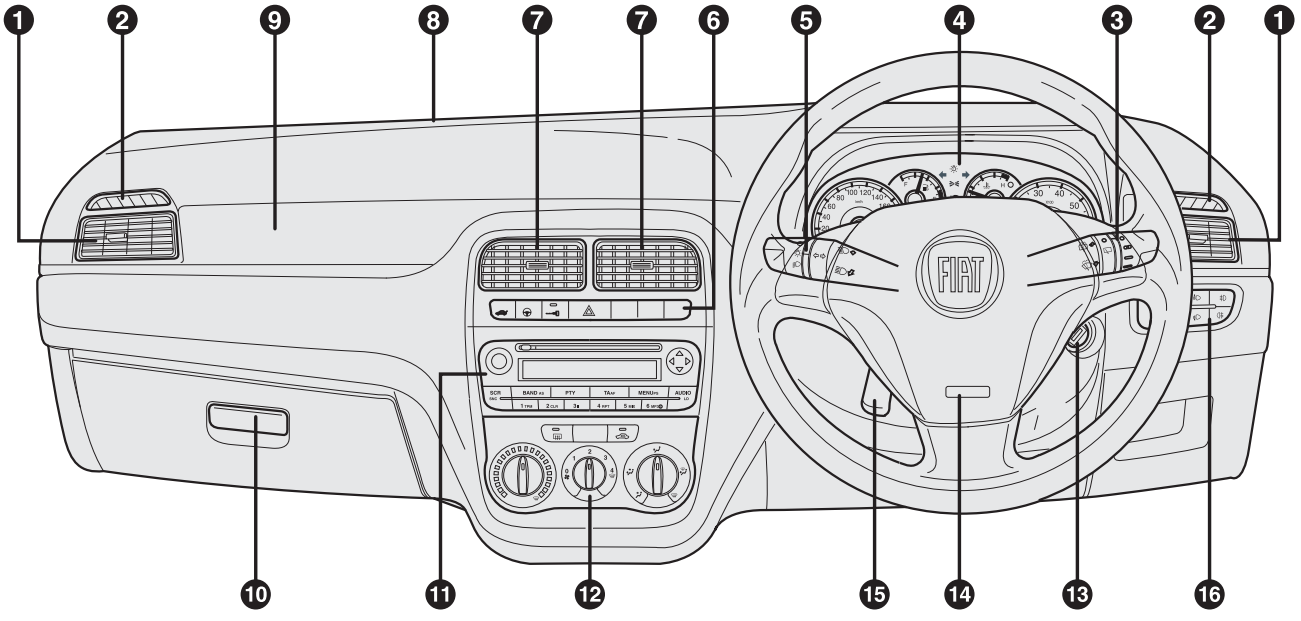

fig. 1

1. Side adjustable air vents - **2.** Side fixed air vents - **3.** Right steering column stalk: windscreen, rear window wiper and trip computer controls - **4.** Instrument panel - **5.** Left steering column stalk: external lights - **6.** Dashboard controls - **7.** Central adjustable air vents - **8.** Upper fixed air vent - **9.** Front passenger's air bag - **10.** Glovebox - **11.** Sound system (where provided) - **12.** Heating/ventilation/climate controls - **13.** Ignition switch - **14.** Driver's air bag - **15.** Steering wheel adjusting lever - **16.** Control plate: front fog lights/rear fog lights/headlight aiming device/digital display/multifunction display.

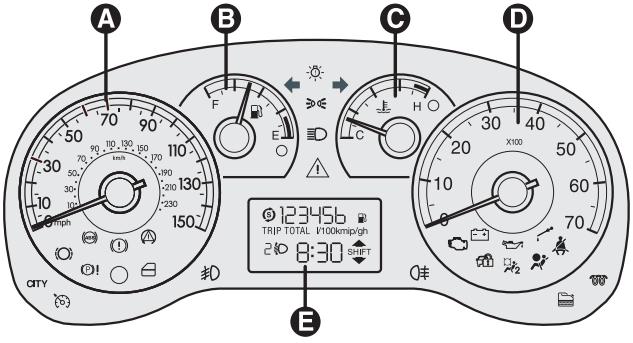

fig. 2 - with digital display

F0M0539m

A Speedometer (speed indicator)

B Fuel level gauge with reserve warning light

C Engine coolant temperature gauge and excessive temperature warning light

D Rev counter

E Digital display

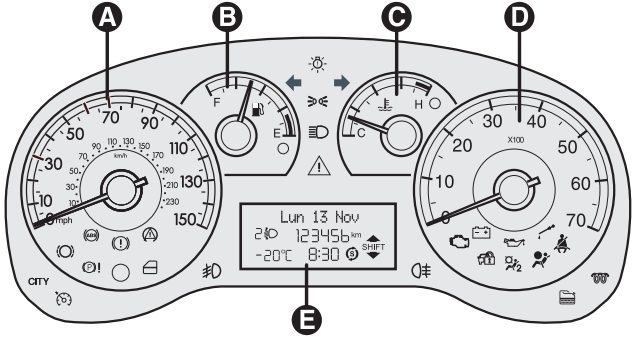

fig. 3 - with multifunction display

F0M0540m

A Speedometer (speed indicator)

B Fuel level gauge with reserve warning light

C Engine coolant temperature gauge and excessive temperature warning light

D Rev counter

E Multifunction display

COLD TYRE INFLATION PRESSURE (bar)

Versions	1.2		1.4		1.3 Multijet	
	Front	Rear	Front	Rear	Front	Rear
175/65 R15 84T						
Medium load	2.2	2.1	2.2	2.1	2.4	2.1
Full load	2.2	2.2	2.2	2.2	2.5	2.2
185/65 R15 88T						
Medium load	2.2	2.0	2.2	2.0	2.3	2.1
Full load	2.2	2.2	2.2	2.2	2.3	2.3

Add +0.3 bar to the prescribed 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 recommended for standard tyres.
When running at speeds higher than 160 km/h, inflate tyres at full-load pressures.

CHANGING ENGINE OIL

	1.2		1.4		1.3 Multijet	
	litres	kg	litres	kg	litres	kg
Engine sump and filter	2.6	2.25	2.6	2.25	3.2	2.75

REFUELLING (litres)

	1.2 - 1.4 - 1.3 Multijet
Tank capacity	45
Reserve	5 ÷ 7

Refuel petrol cars only with unleaded petrol with an octane rating (RON) of 95 or higher (EN228 specifications).
Refuel diesel cars only with automotive diesel (EN590 specifications).

Fiat Group Automobiles S.p.A. – Customer Services – Technical Services – Service Engineering – Largo Senatore G. Agnelli, 5 – 10040 Volvera – Torino (Italia)
Print no. 603.81.761 – 07/2010 – 1 edition

ENGLISH

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