F I A T I D E A

OWNER HANDBOOK

Dear Customer,

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

We have written this handbook to help you get to know all your new Fiat Idea's features and use it in the best possible way.

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

You will find information, tips and important warnings regarding the driving of your car to help you derive the maximum from your Fiat Idea's technological features. You will find very valuable tips for your own safety, the car's wellbeing and about how to protect the environment.

You are recommended to read carefully the warnings and indications, marked with the respective symbols, at the end of the page:

 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

Best regards and good motoring!

This Owner Handbook describes all Fiat Idea versions. As a consequence, you should consider only the information which is related to the engine and bodywork version of the car you purchased.

MUST BE READ!

REFUELLING

Petrol engines: only refuel with unleaded petrol with octane rating (RON) not less than 95.

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

The use of other products or mixtures may irreparably damage the engine with invalidation of the warranty due to the damage caused.

ENGINE STARTING

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 and warning lights to go off; turn the ignition key to AVV and release it as soon as the engine has started.

PARKING ON FLAMMABLE MATERIAL

While working, the catalyst develops a very high temperature. Do not park the car over grass, dry leaves, pine needles or any other inflammable materials: risk of fire.

RESPECTING THE ENVIRONMENT

A system for continuously monitoring emission system components to ensure greater environmental protection is fitted in your car.

ELECTRICAL ACCESSORIES

If, after buying the car, you decide to add electrical accessories (that will gradually drain the battery), visit a Fiat Dealership. They can calculate the overall electrical requirement and check that the car's electric system can support the required load.

CODE card

Keep the code card in a safe place, not in the car. You should always keep the electronic code written on the CODE card with you in case you need to carry out an emergency start-up procedure.

SCHEDULED SERVICING

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 Handbook CONTAINS...

...information, tips and important warnings regarding the safe, correct driving of your car, and its maintenance.
Pay particular attention to the symbols ⚠ (personal safety) (environmental protection) ⚠ (the car's wellbeing).

DASHBOARD AND CONTROLS

DASHBOARD

The presence and the position of the instruments and warning lights may vary according to the versions.

According to Customer's requirements the upper and lower central console can offer different solutions, as shown in the following figures.

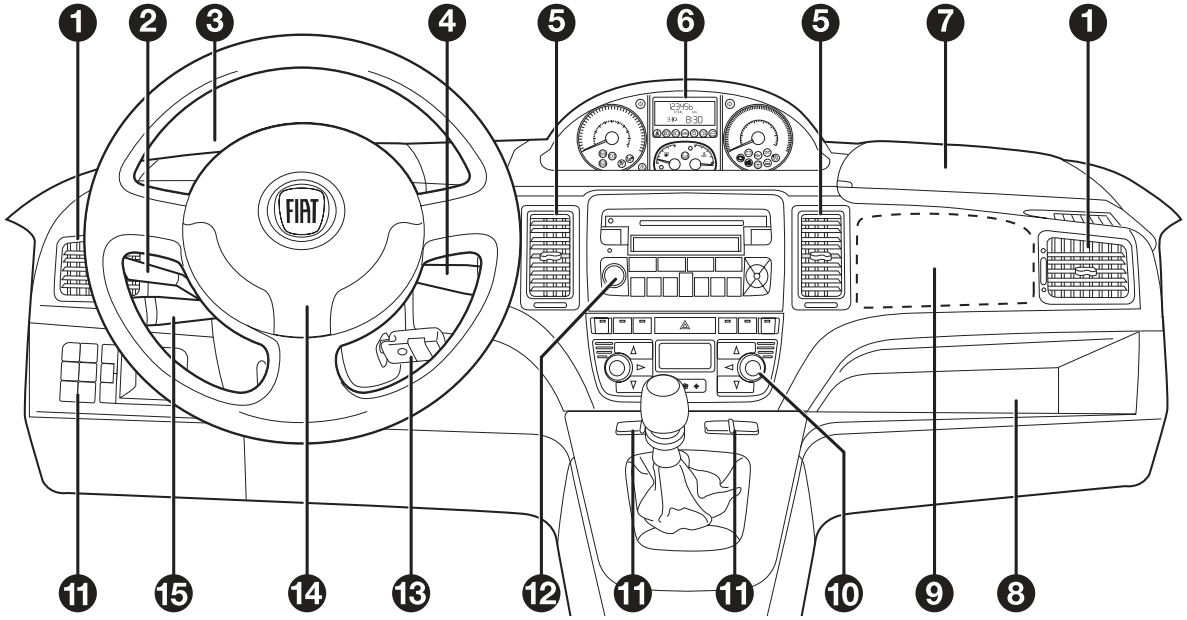


fig. I

1. Side vents - **2.** Left-hand stalk - **3.** Upper left oddment compartment - **4.** Right-hand stalk - **5.** Central vents - **6.** Instrument panel - **7.** Upper right oddment compartment housing the front passenger's airbag deactivation switch - **8.** Glove compartment - **9.** Front passenger's airbag - **10.** Heating/ventilation/climate controls - **11.** Control buttons - **12.** Sound system (where provided) - **13.** Ignition switch - **14.** Driver's airbag - **15.** Cruise Control (where provided).

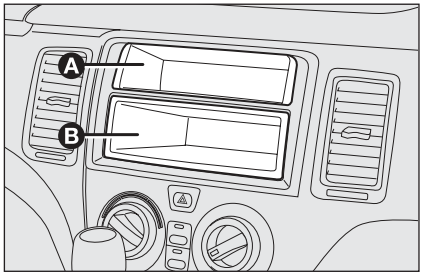


fig. 2 F0H0231m

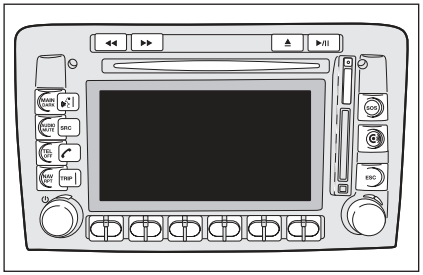


fig. 4 F0H0735m

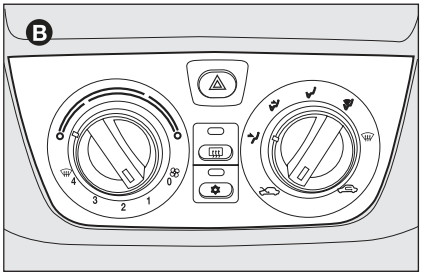


fig. 6 F0H0234m

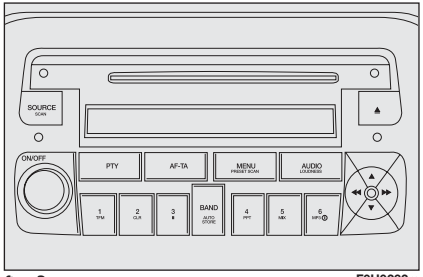


fig. 3 F0H0232m

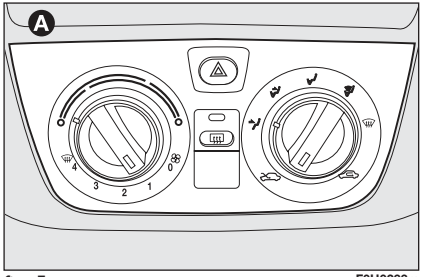


fig. 5 F0H0233m

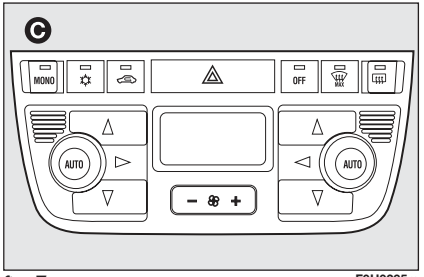


fig. 7 F0H0235m

Upper central console:

- ❒ with fixed oddment compartment **A** and removable oddment compartment (DIN) **B** for sound system installation **fig. 2**;
- ❒ with sound system upon request **fig. 3**;
- ❒ with Connect Nav + **fig. 4**.

Lower central console:

- ❒ with heater **A-fig. 5**;
- ❒ with manual climate control system **B-fig. 6**;
- ❒ with automatic two-zone climate control system **C-fig. 7**.

Modal

A – Speedometer

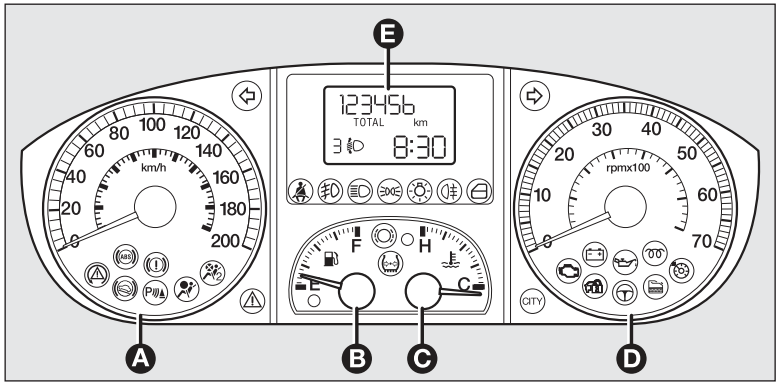
B – Fuel gauge with reserve warning light

C – Engine coolant temperature gauge with high temperature warning light

D – Rev counter

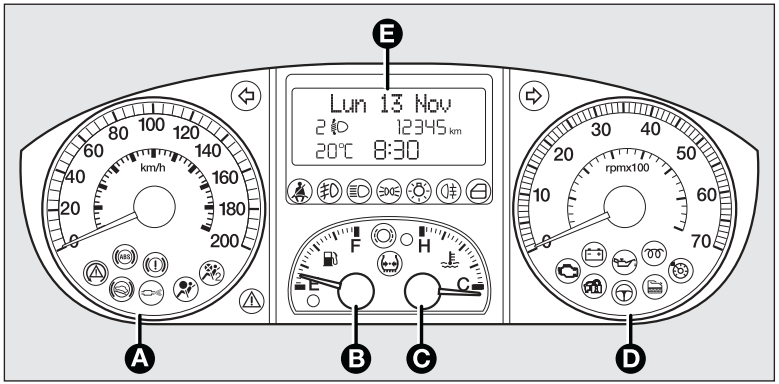
E – Multifunction display

Warning lights fitted on Multijet versions only



F0H0706m

fig. 8



F0H0707m

fig. 9

Comfort

A – Speedometer

B – Fuel gauge with reserve warning light

C – Engine coolant temperature gauge with high temperature warning light

D – Rev counter

E – Reconfigurable multifunction display

Warning lights fitted on Multijet versions only

SYMBOLS

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

The plate summarising the symbols used can be found under the bonnet **fig. 10**.

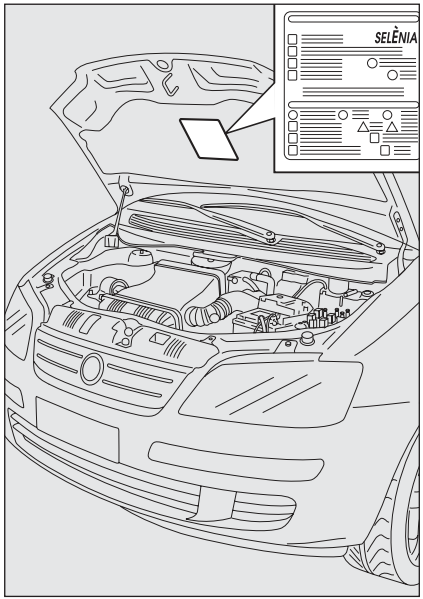


fig. 10 F0H0012m

THE FIAT CODE SYSTEM

To further protect you car from theft, it has been fitted with an engine immobilising system. This system is automatically activated when the ignition key is removed.

An electronic device, in fact, is fitted in each ignition key grip. The device transmits a radio-frequency signal when the engine is started through a special aerial built into the ignition switch. The modulate signal, which changes each time the engine is started, is the "password", by means of which the control unit recognises the key and enables to start the engine.

OPERATION

Each time the car 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 the **STOP** position, the Fiat CODE system deactivates the functions of the engine electronic control unit.

At starting, if the code has not been recognised correctly, the warning light will come on.

In this case, the key should be moved to the **STOP** position and then back to **MAR**; if the lock continues, possibly try again with the other key provided with the car. If it is still not possible to start the car, then contact a Fiat Dealership.

IMPORTANT Every key has its own code, which must be memorised by the system control unit. To memorise new keys, up to a maximum of eight, apply to Fiat Dealership.

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). Should the inconvenience persists, contact a Fiat Dealership.

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

KEY KIT AND DOOR LOCKING

CODE CARD (Optional for versions/markets where applicable) fig. 11

The car is delivered with the keys and the CODE card which bears the following:

❒ the electronic code **A**;

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

IMPORTANT In order to ensure perfect efficiency of the electronic devices contained 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.

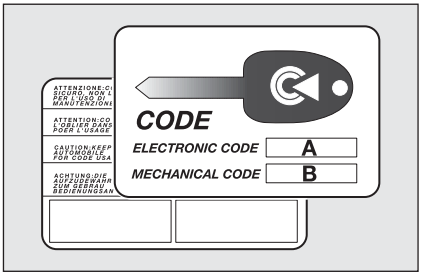


fig. 11 F0H0700m

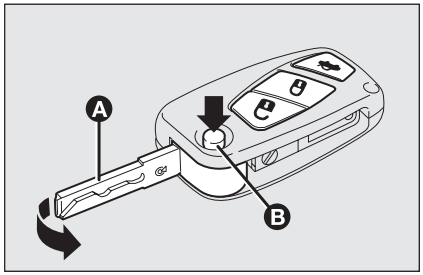


fig. 12 F0H0701m

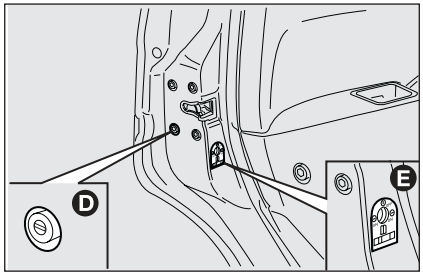


fig. 13 F0H0246m

MAIN KEY WITH REMOTE CONTROL fig. 12

The metal insert **A** of the key is grip-retractable.

The key operates:

- ❒ the ignition switch;
- ❒ driver's door lock;
- ❒ cut-in of door lock device **D-fig. 13** when the electric system is failing (e.g. run-down battery);
- ❒ cut-in of child lock safety device **E** on rear doors.

Button **B-fig. 12** opens the metal insert **A**.

To refit the metal insert **A** into the key grip:

- ❒ keep button **B** pressed
- ❒ move the metal insert **A**
- ❒ release button **B** and then turn the metal insert **A** until hearing the click as it locks into place.

Button unlocks the doors, the tailgate and the fuel cap.

Button locks the doors, the tailgate and the fuel cap.

Button unlocks the boot.

IMPORTANT The remote control system frequency can be disturbed by significant radio transmissions outside the car (e.g: mobile phones, HAM radio systems, etc.) that could cause remote control malfunctioning.

WARNING

Button B-fig. 12 should only be pressed when the key is away from the body, in particular from the eyes and from objects that can be spoilt (e.g. clothes). Make sure the key can never be touched by others, especially children, who may inadvertently press the button.

Opening the doors and the tailgate

Pressing and keeping the pushbutton pressed 🔓: for a short time: remote unlocking of doors, boot lid, unlocking of fuel lid, timed switching on of inner roof lamp and double blinking.

Doors will be unlocked automatically if the fuel inertial cut-off switch comes into operation.

IMPORTANT The remote control system frequency can be disturbed by significant radio transmissions outside the car (e.g: mobile phones, HAM radio systems, etc.) that could cause remote control malfunctioning.

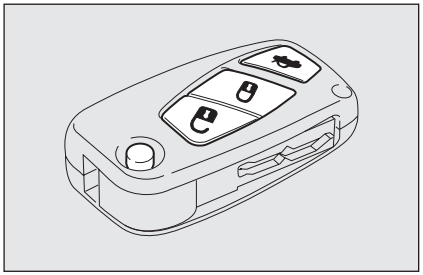


fig. 14 F0H0702m

Closing the doors and the tailgate

Pressing and keeping the pushbutton pressed 🔒: for a short time: remote locking of doors, boot lid, locking of fuel lid, switching off of inner roof lamp and single blinking.

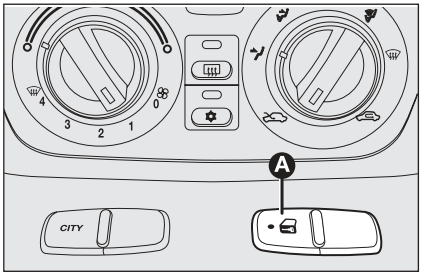


fig. 15 F0H0703m

Deterrence led

When locking the doors, the led on button **A-fig. 15** switches on for about 3 seconds and than starts flashing (deterrence function). Once doors are locked, if one or more doors or the tailgate are not closed correctly, the led and direction indicators will start flashing quickly.

IMPORTANT The remote control system frequency can be disturbed by significant radio transmissions outside the car (e.g: mobile phones, HAM radio systems, etc.) that could cause remote control malfunctioning.

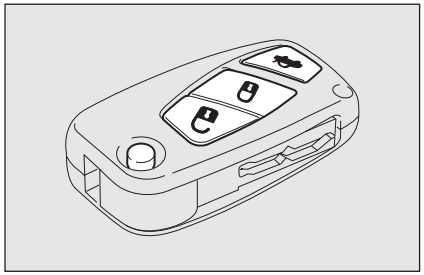


fig. 16 F0H0702m

Opening the tailgate from the outside fig. 16

The tailgate can be opened from the outside by pressing the remote control button . Tailgate opening will obtain double direction indicators flashing.

IMPORTANT The remote control system frequency can be disturbed by significant radio transmissions outside the car (e.g: mobile phones, HAM radio systems, etc.) that could cause remote control malfunctioning.

Locking doors from the inside fig. 15

With doors closed, press the button **A** located on the dashboard in central position, to lock (led on the button ON) or unlock (led on the button OFF) the doors.

IMPORTANT Door locking from inside will not cut-in if one door is not prefectly closed or there is a system failure.

If the cause of the failure is removed, the device will start working properly.

If the inside locking button is pressed accidentally, when getting out of the car only the doors used will unlock whereas the tailgate will stay locked. To realign the system, press the lock / unlock button again.

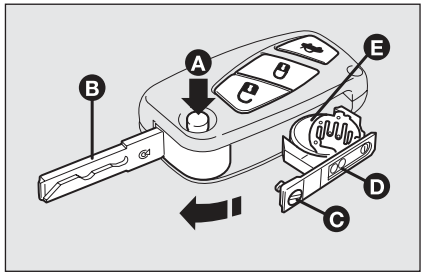


fig. 17 F0H0704m

Replacing the battery of the key with remote control fig. 17

Battery replacement:

- ❒ press button **A** and move the metal insert **B** to open position;
- ❒ use a finely-tipped screwdriver to turn the screw **C**;
- ❒ pull out the battery holder **D** and replace the battery **E** making sure that the bias is correct;
- ❒ re-insert the battery holder **D** in the key and lock it turning the screw **C**.

Request for additional remote controls

The system can recognise up to 8 keys with incorporated remote control. Should a new key with 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. They should be disposed of as specified by law in the special containers provided, or take them to a Fiat Dealership, which will deal with their disposal.

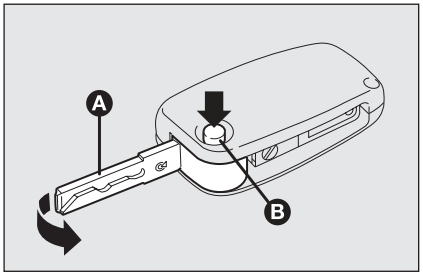


fig. 18 F0H0014m

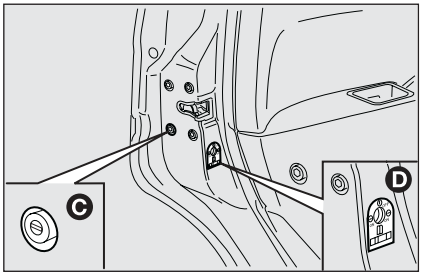


fig. 19 F0H0322m

KEY WITHOUT REMOTE CONTROL (SPARE KEY) (where required)

The metal insert **A-fig. 18** of the key is grip-retractable.

The key operates:

- ❒ the ignition switch;
- ❒ the driver's door;
- ❒ cut-in of door lock device **C-fig. 19** when the electric system is failing (e.g. run-down battery;
- ❒ cut-in of child lock safety device **D-fig. 19** on rear doors.

Button **B-fig. 18** opens the metal insert **A**.

To refit the metal insert **A** into the key grip:

- ❒ keep button **B** pressed
- ❒ move the metal insert **A**
- ❒ release button **B** and then turn the metal insert **A** until hearing the click as it locks into place.

WARNING

Button B should only be pressed when the key is away from the body, in particular from the eyes and from objects that can be spoilt (e.g. clothes). Make sure the key can never be touched by others, especially children, who may inadvertently press the button.

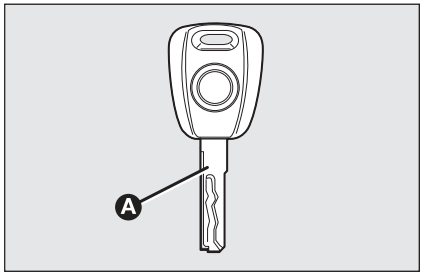


fig. 20 F0H0705m

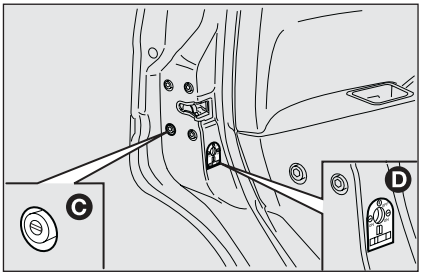


fig. 21 F0H0322m

KEY WITHOUT REMOTE CONTROL (SPARE KEY) (where required)

The metal insert **A-fig. 20** of the key is fixed.

The key operates:

- ❒ the ignition switch;
- ❒ the driver's door;
- ❒ cut-in of door lock device **C-fig. 21** when the electric system is failing (e.g. run-down battery);
- ❒ cut-in of child lock safety device **D-fig. 21** on rear doors.

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

Type of key	Door opening	Door locking from the outside	Boot opening
Spare key without remote control	Key turning counterclockwise (driver's side)	Key turning clockwise (driver's side)	
Main key with remote control	Key turning counterclockwise (driver's side)	Key turning clockwise (driver's side)	
	Pressing briefly button	Pressing briefly button	Pressing on button
Direction indicators flashing (only with key with remote control)	Two flashings	One flashing	Two flashings
Deterrence led	Turning off	Turned on fixed for approx. 3 seconds, followed by deterrence led flashing	Deterrence led flashing

Pressing the pushbutton enables fuel lid to be opened.

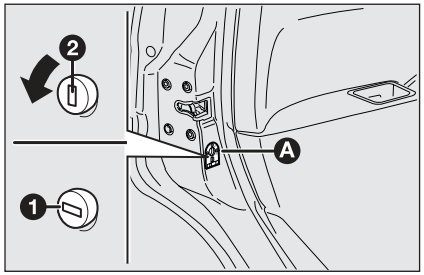


fig. 22 F0H0101m

CHILD LOCK fig. 22

To prevent opening the rear doors from the inside.

This device can be engaged only with doors open.

- ❒ position **1** - engaged (door locked);
- ❒ position **2** - disengaged (door openable from inside).

The device **A** is engaged even if the doors are unlocked by the centralised system.

IMPORTANT Always use the lock when transporting children.

IMPORTANT After engaging the lock, check by trying to open a rear door with the internal handle.

WARNING

Child lock device A is properly engaged only if after turning the revolving plug it clicks in horizontal position (1).

WARNING

Child lock device A is properly disengaged only if after turning the revolving plug it clicks in vertical position (2).

EMERGENCY DEVICE FOR LOCKING DOORS FROM THE OUTSIDE fig. 23

Doors are fitted with a special device enabling to lock all doors when the electric system is failing (no current).

To lock the doors:

- ❒ fit the ignition key into the revolving plug **B**;
- ❒ turn the device to position **1** and close the door.

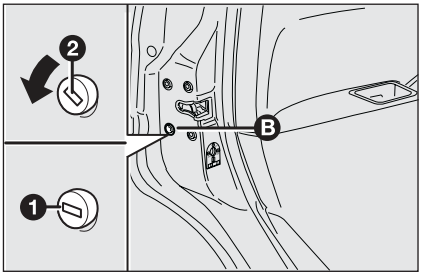


fig. 23 F0H0247m

To open the doors:

- ❒ fit the ignition key into the revolving plug of the driver's door and turn it counterclockwise;
- ❒ open the driver's door;
- ❒ once inside the car, open the other doors using the levers set on door handles.

WARNING

Never operate the child lock device and the door handle at the same time.

IGNITION SWITCH

The key can be turned to 3 different positions **fig. 24**:

- **STOP**: engine off, key can be removed, steering column locked. Certain electrical devices (e.g.: sound system, power windows…) can work.
- **MAR**: driving position. All electrical devices are powered.
- **AVV**: engine starting (unstable position).

The ignition switch is fitted with a safety mechanism that, in the event the engine is not started, turns back the ignition key to **STOP** before repeating the starting operation.

WARNING

If the ignition device is tampered with (e.g.: attempted theft), have it checked over by a Fiat Dealership.

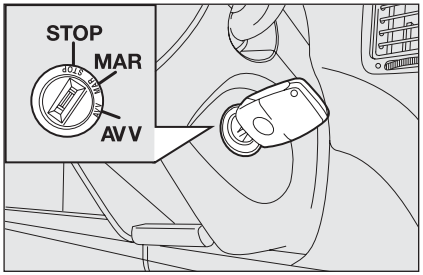


fig. 24 F0H0021m

WARNING

When getting out of the car, always remove the key to prevent any occupants from accidentally activating the controls. Remember to engage the handbrake. If the car is parked on uphill slope to engage the first gear. If the car is facing downhill, engage the reverse gear. Never leave unsupervised children in the car.

WARNING

Never remove the ignition key while the car is moving. The steering wheel would automatically lock as soon as you try to turn it. This also applies when the car is being towed.

STEERING COLUMN LOCK

Engaging

When the key is to **STOP** remove the key and turn the steering wheel until it locks.

Disengaging

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

INSTRUMENTS

SPEEDOMETER fig. 25

Speed indicator.

REV. COUNTER fig. 26

Engine rpm indicator.

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 highering of the speed.

This is normal as it takes place during normal operation, for example when activating the climate control system or the fan. In particular a slow change in the speed preserves the battery charge.

FUEL LEVEL GAUGE fig. 27

This shows the amount of fuel left in the fuel tank (see the indications given in paragraph "At the filling station").

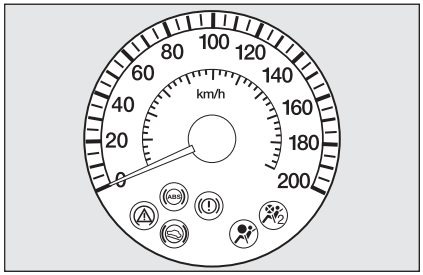


fig. 25 F0H0708m

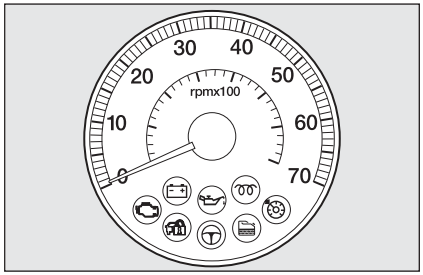


fig. 26 F0H0022m

The reserve warning light **A** turns on to indicate that approx. 6 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.

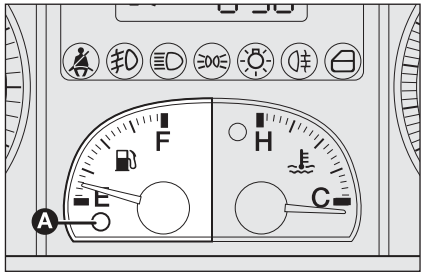


fig. 27 F0H0023m

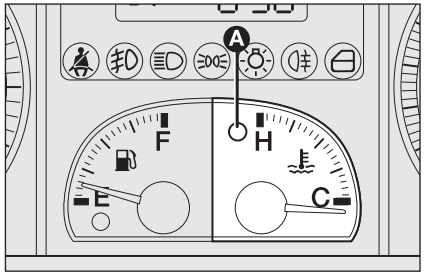


fig. 28 F0H0024m

ENGINE COOLANT TEMPERATURE GAUGE fig. 28

The turning on of the warning light **A** indicates that the coolant fluid temperature is too high; in this case, stop the engine and contact a Fiat Dealership.

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

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

IMPORTANT If the needle reaches the low temperature area with warning light **A** on, this means that there is a failure. Contact a Fiat Dealership.

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

MULTIFUNCTIONAL DISPLAY (on two-line modal panel)

The car can be equipped with a multifunction display that shows useful information for car driving according to the settings made.

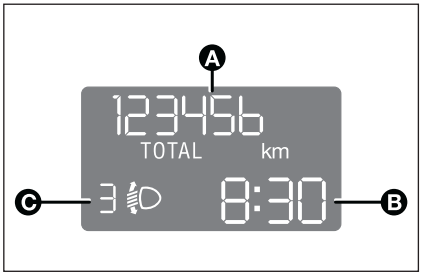


fig. 29

"STANDARD" SCREEN fig. 29

The standard screen shows the following information:

A Odometer (viewing of covered km or miles)

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

C Headlight aiming position (only with dipped beam headlights on).

NOTE When opening one of the front doors, the display turns on and shows the clock and the kilometres or miles covered for a few seconds.

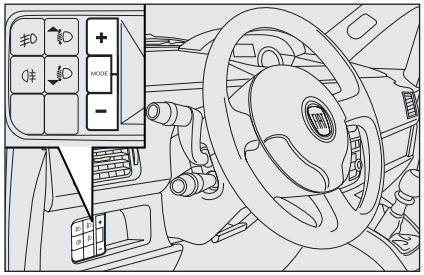


fig. 30

CONTROL BUTTONS fig. 30

+ To scroll the next items on the displayed menu and the related options or increase the displayed value.

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

Hold pressed to go back to the standard screen.

– To scroll the previous items on the displayed menu and the related options or reduce the displayed value.

NOTE Buttons **+** and **–** activate different functions according to the following situations.

SETUP MENU

The "Setup Menu" is used to make the following settings and/or adjustments:

- ADJUSTING THE CLOCK
- ADJUSTING THE BUZZER VOLUME
- SETTING THE SPEED LIMIT
- SETTING THE UNIT

Adjusting the clock

The car is delivered with the clock adjusted for 24 hours.

To set the required time proceed as follows:

- press the button **MODE** several times until the text "Hour" appears;
- press the button **+** to increase the time by one minute;
- press the button **–** to reduce the time by one minute;

Hold the buttons **+** or **–** pressed for a few seconds to automatically start quick increase or reduction of the time until the buttons are released.

- Press the button **MODE** and hold it pressed for over 2 seconds to confirm the time change.

Adjusting the buzzer volume

To adjust the desired volume proceed as follows:

- press the button **MODE** several times until the text "**bUZZ**" appears;
- press the button **+** to increase the volume;
- press the button **–** to reduce the volume;
- press the button **MODE** and hold it pressed for over 2 seconds to confirm the volume change.

Indication that the set peed limit has been exceeded

Proceed as described below to set a reference car speed value beyond which the system warns the driver about this by displaying a message and starting the buzzer.

The car is delivered with this function in "**OFF**"mode.

Set this function as follows:

- ❒ press the button **MODE** several times until the text "**SPEEd**" appears;
- ❒ press the button **+** to increase the speed value (max. limit being 250 Km/h);
- ❒ press the button – to reduce the speed value (min. limit being 30 Km/h below which the system goes back to "OFF" mode);
- ❒ press the button **MODE** and hold it pressed for over 2 seconds to confirm the speed setting.

Setting the unit

To set the required unit (kilometres or miles) proceed as follows:

- ❒ press the button **MODE** several times until the text "Unit" appears;
- ❒ press the button **+** or **–** to change the unit;
- ❒ press the button **MODE** and hold it pressed for over 2 seconds to confirm the unit setting.

Viewing of the fuel cut-off inertial switch tripping

The screen automatically appears whenever the fuel cut-off inertial switch trips after a significant collision.

This switch stops fuel supply.

See the information provided in the dedicated chapter "Fuel cut-off inertial switch".

WARNING

If, after the message "FPSon" appears, you smell fuel or see leaks from the fuel supply system, do not reset the switch to avoid the risk of starting a fire.

MULTIFUNCTIONAL DISPLAY (on three-line comfort panel)

The car can be equipped with a multifunction display that shows useful information for car driving according to the settings made.

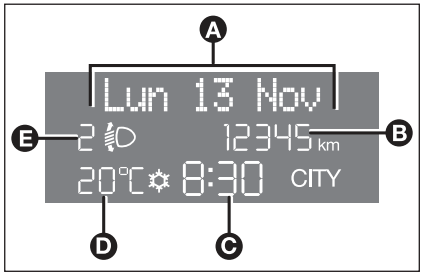
"STANDARD" SCREEN fig. 31

The standard screen shows the following information:

A Date

B Odometer (viewing of covered km or miles)

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



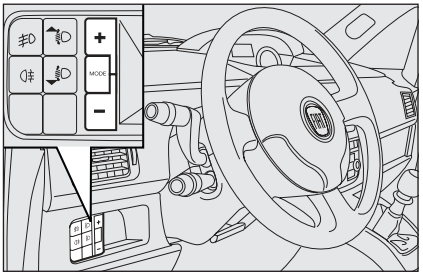
F0H09000m

fig. 31

D External temperature

E Headlight aiming position (only with dipped beam headlights on)

NOTE When opening one of the front doors, the display turns on and shows the clock and the kilometres or miles covered for a few seconds.



F0H0736m

fig. 32

CONTROL BUTTONS fig. 32

+ To scroll the next items on the displayed menu and the related options or increase the displayed value.

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

Hold pressed to go back to the standard screen.

– To scroll the previous items on the displayed menu and the related options or reduce the displayed value.

NOTE Buttons **+** and **–** activate different functions according to the following situations.

Adjustment of headlight aiming device (only with dipped beam headlights on)

– when the standard screen is enabled, the headlight aiming device can be regulated (refer to paragraph "Headlights" in this section).

Setup menu

– to scroll the previous and next items in the menu;

– to increase or decrease values during setting operations.

SETUP MENU fig. 33

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

The setup menu is activated by pressing briefly button **MODE**.

Intermittent pressing of buttons **+** and **–** enables scrolling of the setup menu options.

Handling modes are different according to the characteristic of the option selected.

NOTE If the Connect Nav+ system is installed, only the following functions can be adjusted/set from the Instrument Panel: "Brightness", "Speed Beep", Light Sensors" (where provided), "Seat belt Buzzer" and "Passenger's Airbag". The other functions are displayed on the Connect Nav+ system which is used to adjust/set them.

Selecting a menu option

– Briefly press button **MODE** to select the menu option that needs to be changed.

– Press buttons **+** and **–** (by single pressing) to select the new setting.

– Briefly press button **MODE** to store the new setting and at the same time go back to the previously selected menu option.

Selecting the "Set Date" and "Set time"

– Briefly press button **MODE** to select the first value to be changed (e.g. hours /minutes or year / month / day).

– Press buttons **+** and **–** (by single pressing) to select the new setting.

– Briefly press button **MODE** to store the new setting and at the same time go to the next setup menu option. If the processed option is the last one, the system brings you back to the previously selected option of the main menu.

Prolonged pressing of the button MODE enables:

– exiting the setup menu page and saving of the changes already stored by the driver (and confirmed by briefly pressing the button **MODE**).

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

From the standard screen, briefly press button **MODE** to start browsing. Press **+** or **–** to browse within the menu. NOTE Only the short menu may be accessed for reasons of safety while the car is moving (“Brightness” and “Speed Beep” settings). Stop the car to access the full menu. In cars equipped with a Connect Nav+ system, many functions are viewed from the navigator display.

Example:

Deutsch
English
Español
Français
Português
Italiano

Example:

Day
Month
Year

MODE brief button pressing

MODE brief button pressing

Trip B On
8:30
TRIP B

Light Sensor 2
8:30
LIGHT SENS.

Speed Lim. On
8:30
SPEED BEEP.

Exit Menu
8:30
EXITING THE MENU

Bag pass.
8:30
BAG. PASS.

Service
8:30
SERVICE

Belt Buzz
8:30
BELT BUZZ.
(*) where provided

Keys Volume 4
8:30
VOL. BUTTONS

Buzzer Vol 4
8:30
VOL. BUZZER

Lang.: English
8:30
LANGUAGE

Temp.Unit °C
8:30
TEMP. UNIT

Cons. l/100km
8:30
CONSUMPTION

Dist.Unit km
8:30
DIST. UNIT

Key
8:30
KEY

Date Adjustm.
8:30
SETTING THE DATE

Clock Mode24h
8:30
CLOCK MODE

Clock Adjust.
13:50
CLOCK SETTING

(*) This function may only be displayed after the SBR system is deactivated by a Fiat Dealership.

F0H0000m

fig. 33

Speed limit (Speed beep)

This function enables setting of 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 speed limit, proceed as follows:

– briefly press button **MODE**: the display will show the wording "Speed Beep";

– press button **+** or **–** to select speed limit activation (On) or deactivation (Off);

– if the function is on, press buttons **+** or **–** to select the required speed limit and then press **MODE** to confirm.

Note The speed may be set in the range from 30 to 250 km/h, or from 20 to 155 mph according to the previously chosen unit (see "Setting the distance unit") described below. The setting will increase/decrease by 5 units each time button **+/–** is pressed. Hold button **+/–** pressed to increase/decrease the setting rapidly. Complete the setting by briefly pressing the button when you approach the required value.

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

To cancel the setting, proceed as follows:

– briefly press button **MODE**: ON flashes on the display;

– press button **+**: OFF flashes on the display;

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

Adjusting the sensitivity of the automatic headlight sensor (Light sensor) (where provided)

This function is used to adjust the dusk sensor sensitivity according to three levels (level 1 = minimum, level 2 = medium, level 3 = maximum); the higher the sensitivity, the lower the quantity of external light needed to switch the headlights on. The car is delivered with this function set to level "2".

To change this setting:

– briefly press button **MODE**: the previously set level flashes on the display;

– press button **+** or **–** for selecting the desired level;

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

Trip B On/Off (Trip B)

Through this option it is possible to activate (On) or deactivate (Off) the Trip B (partial trip) display.

For further information see section "Trip computer".

For activation / deactivation, proceed as follows:

– briefly press button **MODE**: ON or OFF flashes on the display (according to previous setting);

– press button **+** or **–** for selecting the desired value;

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

Setting the clock (Set time)

This function enables setting of the clock.

To set the clock proceed as follows:

– briefly press button **MODE**: the display shows the "hours" flashing;

– press button **+** or **–** to set the clock;

– briefly press button **MODE**: "minutes"starts flashing on the display;

– press button **+** or **–** to set the clock.

Note The setting increases or decreases by one unit each time button **+** or **–** is pressed. Hold the button pressed to automatically start a quick increase/decrease of the set value. Complete the setting by briefly pressing the button when the required setting is approached.

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

12h/24h clock mode (Clock mode)

This function enables setting the screen to either 12 or 24 hour mode.

Proceed as follows:

– briefly press button **MODE**: 12h or 24h starts flashing on the display (depending on the previously set parameter);

– press button **+** or **–** for selecting the desired value;

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

Setting the date (Set Date)

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

To update the date proceed as follows:

– briefly press button **MODE**: the year starts flashing on the display;

– briefly press button **+** or **–** to set the year;

– briefly press button **MODE**: the month starts flashing on the display;

– press button **+** or **–** to set the month;

– briefly press button **MODE**: the day starts flashing on the display;

– press button **+** or **–** to set the day.

NOTE The setting increases or decreases by one unit each time button + or – is pressed. Hold the button pressed to start automatic quick increase/ decrease of the setting. Complete the setting by briefly pressing the button when the required setting is approached.

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

Release of doors and tailgate (Key)

This function enables the release of the front and rear doors, the release of the driver's door only or the release of all the doors including the tailgate.

To set the function, proceed as follows:

– press the **MODE** button for a short time, the display shows “Open doors”, “Op. drv.door” and “Open all”.

– press **+** or **–** to select; the selected item will flash.

– Press **MODE** for a short time to return to the menu screen or press the button for a longer time to return to the standard screen without confirming the selection.

Unit - "distance" (Dist. unit)

With this function it is possible to set the units for distance covered (km or mi).

To set the required unit proceed as follows:

– briefly press button **MODE**: km or mi will flash on the display (according to previous setting);

– press button **+** or **–** for setting;

– briefly press button **MODE** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

Setting the consumption unit (Consumption)

This function enables setting the unit for the amount of fuel consumed (km/l, l/100 or mpg) depending on the distance unit selected (either km or miles - see previous paragraph "Distance Unit").

If the distance unit set is "km", the display enables setting of the fuel consumption unit (km/l or l/100) depending on the amount of fuel consumed. If the distance unit set is "mi", the display shows the fuel consumption unit in "mpg".

Set this value as follows:

– briefly press button **MODE**: either km/l or l/100 starts flashing on the display (depending on the previously set parameter);

– press button **+** or **–** for selecting the desired value;

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

Setting the temperature unit (Temp. unit)

This function enables setting of the required temperature unit (either °C or °F).

To set the required unit proceed as follows:

– briefly press button **MODE**: either °C or °F starts flashing on the display (depending on the previously set parameter);

– press button **+** or **–** for selecting the desired value;

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

Selecting the language (Language)

The messages can be displayed in the following languages: Italian, German, English, Spanish, French, Portuguese.

To set the required language proceed as follows:

– briefly press button **MODE**: the previously set "language" starts flashing on the display;

– press button **+** or **–** for selecting the desired language;

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

Adjusting the failure/warning buzzer volume (Buzzer Volume)

With this function the volume of the buzzer accompanying any failure/warning indication can be adjusted according to 8 levels. To adjust the desired volume proceed as follows:

– briefly press button **MODE**: the previously set volume "level" starts flashing on the display;

– press button **+** or **–** for selecting the desired volume level;

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

Adjusting the button volume (Button Vol.)

This function enables setting the volume of the roger-beep accompanying the activation of buttons **MODE**, **+** and **–** according to 8 levels.

To adjust the desired volume proceed as follows:

– briefly press button **MODE**: the previously set volume "level" starts flashing on the display;

– press button **+** or **–** to set the volume level;

– briefly press button **MODE** to go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.

S.B.R. buzzer reactivation (Belt Buzzer) (where provided)

This function can only be displayed after Fiat Dealership has deactivated the S.B.R. system (see paragraph "S.B.R. system" in section "Safety devices").

Scheduled Servicing (Service)

This function enables viewing of information on proper car servicing depending on the kilometres travelled or daily intervals.

This information is consulted as follows:

– briefly press button **MODE**: the display shows service requirements in km or mi according to the previous setting (see paragraph "Distance unit");

– press button **+** or **–** to view the service interval in days;

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

Note According to the "Scheduled Servicing Plan" the car must be serviced every 20,000 km (or equivalent mileage) or on a yearly basis. This message appears automatically when the key is positioned on **MAR** after travelling for 2,000 km (or equivalent mileage) or 30 days after the deadline. It appears every 200 km (or equivalent mileage) or 3 days.

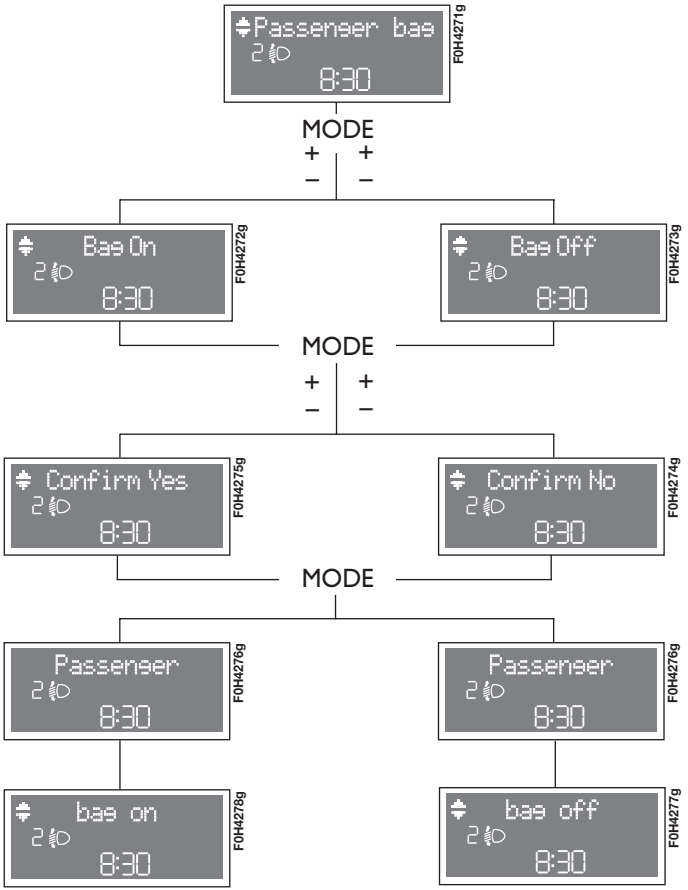
The indications will appear more frequently when there are 200 km left. For 1.3 Multijet versions refer to the instructions provided in the "Scheduled Servicing Plan" in section "Car Maintenance" for air filter, engine oil and engine oil filter replacement. The indication will appear in kilometres or miles according to the unit settings. When the next scheduled servicing is near, the message "Service" will appear on the display followed by the number of kilometres or miles or days left before servicing when the key is turned to **MAR**. The "Scheduled Servicing" message shows information in either kilometres (km) or miles (mi) or in days (dd) depending on the deadline showing up first. Go to the Fiat Dealership where the servicing operations envisaged in the "Scheduled Service Plan" or "Yearly Inspection Plan" will be performed and the message will be reset.

Passenger front and side airbag activation/deactivation (where provided) (Passenger bag)

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

Proceed as follows:

- ❒ press button **MODE**: the display shows messages "Bag pass: Off" (to deactivate) or "Bag pass: On" (to activate). Press the buttons **+** and **–** followed by button MODE again;
- ❒ the confirmation request message will be displayed;
- ❒ press buttons **+** or **–** to select either Yes (to confirm activation/deactivation) or No (to abort);
- ❒ briefly press button **MODE**: the display shows a message confirming the selected value. Now, go back to the menu screen or press the button for a prolonged time to go back to the standard screen without storing the settings.



Exiting the Menu

This is the last function that closes the setting cycle listed in the initial menu screen.

Briefly press button **MODE** to go back to the standard screen without storing the settings.

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

TRIP COMPUTER (where provided)

General features

The "Trip computer" is used to display information on car operation when the key is turned to **MAR**. This function includes a "General trip" system that monitors the "entire mission" (trip) of the car and the "Trip B" system that monitors the partial mission of the car. The former function is part of the entire mission (as illustrated in **fig. 34**).

Both functions can be reset (to start a new trip).

The "General Trip" function is used to display information relating to:

– Range

– Trip distance

– Average consumption

– Instant consumption

– Average speed

– Travel time (driving time).

The "Trip B" function is used to display information relating to:

– Trip distance B

– Average consumption B

– Average speed B

– Travel time B (driving time).

Note "Trip B" functions may be disabled (see "Trip B on"). "Range" and "Instantaneous consumption" cannot be reset.

Values displayed

Range

It indicates the distance left to travel based on the fuel in the tank assuming that driving conditions will not change. The message "----" will appear on the display in the following cases:

– the range value is below 50 km (30 miles) or the fuel level is below 4 litres;

– car left parked with engine running for long.

Trip distance

This value shows the distance covered from the start of a new mission.

Average consumption

This value shows the average consumption from the start of a new mission.

Instant consumption

This 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 average speed as a function of the overall time elapsed since the start of the a mission.

Travel time

This value shows the time elapsed since the start of a new mission.

IMPORTANT If information is not available, the message "----" will appear instead of the Trip Computer values. Displaying of the values will be resumed regularly when normal operation is restored without resetting the values displayed before the failure nor starting a new mission.

TRIP button fig. 34

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

– short pressing to display the different values;

– long pressing to reset and then start a new mission.

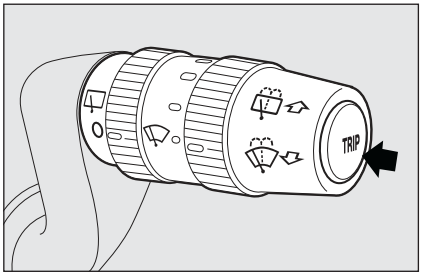


fig. 34

New mission

The new mission begins after:

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

– "automatic" resetting, when the "Trip distance" reaches 9999.9 km or when the "Travel time" reaches 99.59 (99 hours and 59 minutes);

– disconnection/reconnection of the battery.

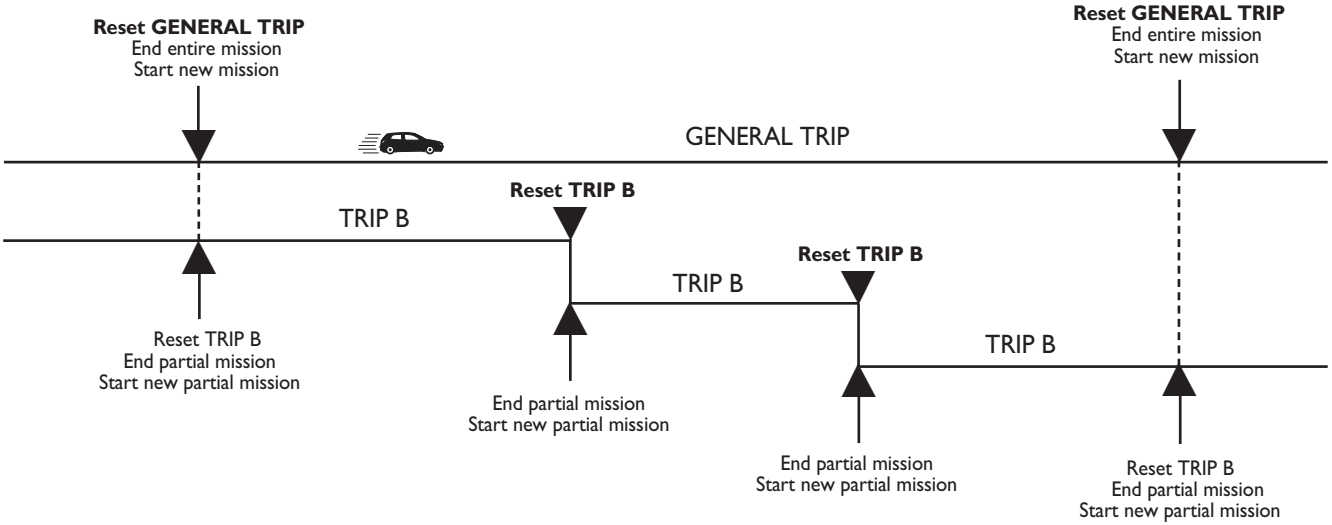
IMPORTANT The reset operations performed after the "General Trip" message appears are used to also reset the "Trip B", which, on its turn, is used to reset the values of the corresponding function.

Start of journey procedure

With ignition key at **MAR**, press and keep button **TRIP** pressed for over 2 seconds to reset.

Exit TRIP

Exit **Trip** is performed automatically after having displayed all the related values or by keeping the button **MODE** pressed for over 2 seconds.



STEERING WHEEL ADJUSTMENT

The steering wheel can be adjusted both in height **A-fig. 35** and axially **B**.

Proceed as follows:

- ❒ release the lever pulling it towards the steering wheel (position **2**);
- ❒ adjust the steering wheel as required;
- ❒ lock the lever pushing it forwards (position **1**).

WARNING

Any adjustment of the steering wheel position must be carried out only with the car stationary and the engine turned off.

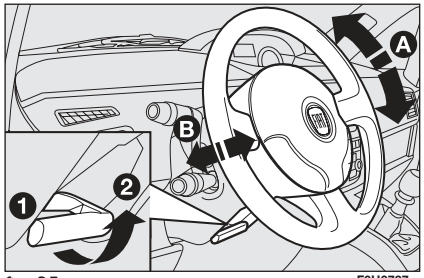


fig. 35

WARNING

It is absolutely forbidden to carry out whatever aftermarket operation involving steering system or steering column modifications (e.g.: installation of anti-theft device) that could badly affect performance and safety, cause the lapse of warranty and result in car noncompliance with the regulations in force.

ADJUSTMENT OF THE SEATS

FRONT SEATS

Moving the seat backwards or forwards

Lift the lever **A-fig. 36** and push the seat forwards or backwards: in the driving position the arms should rest on the rim of the steering wheel.

Always check that the seat is firmly locked in the runners by trying to move it back and forth.

Seat height adjustment (driver's side) (where provided)

Move repeatedly lever **B-fig. 36** upwards or downwards to achieve the required height.

IMPORTANT Adjustment must be carried out only seated in the driver's seat with the car at a standstill.

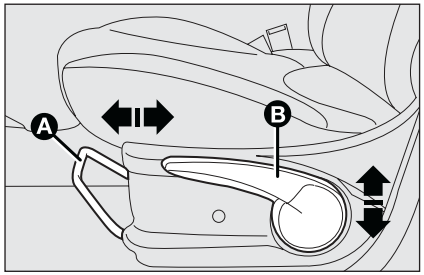


fig. 36 F0H0041m

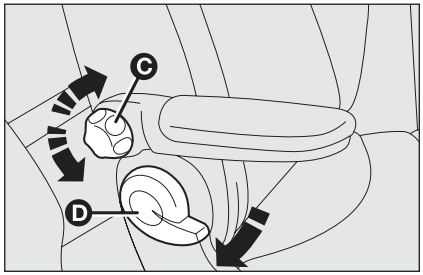


fig. 37 F0H0042m

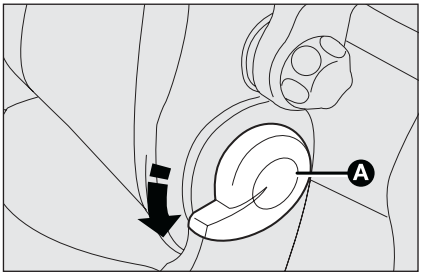


fig. 39 F0H0044m

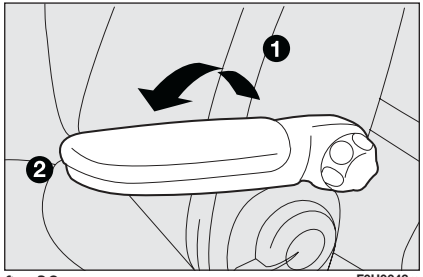


fig. 38 F0H0043m

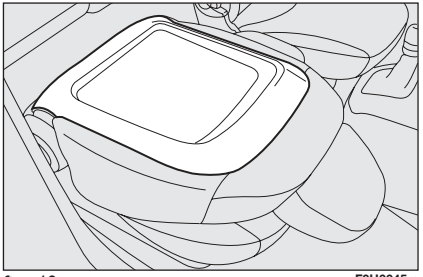


fig. 40 F0H0045m

Back rest angle adjustment

Move lever **D-fig. 37** as shown by the arrow, set the back rest in the required position, then release the lever.

Lumbar adjustment (where provided)

Turn knob **C-fig. 37** clockwise or counterclockwise to increase or decrease lumbar adjustment.

WARNING

After adjustments, always check that the seat is firmly locked in the runners.

Armrest adjustment (where provided) fig. 38

To use the armrest, move it from position **1** to position **2**.

Setting the passenger's seat to "table" configuration

Set the armrest (where provided) in vertical position.

From driver's seat or rear seats, move the lever **A-fig. 39** as shown by the arrow, tilt the back rest on the cushion, then release the lever. In this position the back rest **fig. 40** can be used like a table.

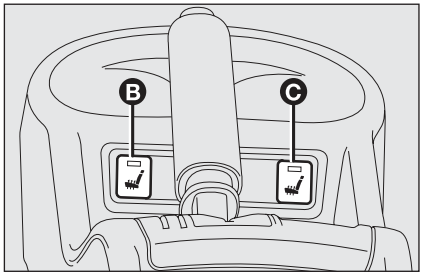


fig. 41 F0H0046m

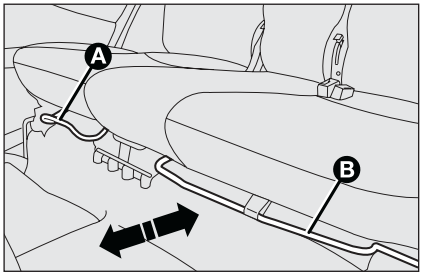


fig. 42 F0H0047m

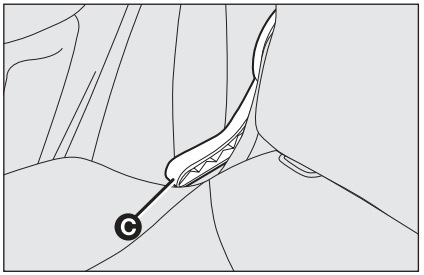


fig. 43 F0H0252m

Setting the driver's seat to "table" configuration

Remove the head restraint completely (see "Head restraint removal" in section "Head restraints") then follow the previously described procedure.

Seat warming (where provided)

To switch on/off seat warming on driver's side press button **B-fig. 41**, press button **C** for the passenger's side.

The led on the button will light up when the function is on.

REAR SLIDING SEAT

Adjustments from inside the car

Moving the seat backwards or forwards fig. 42

Lift lever **A** or lever **B** respectively to adjust the required seat section, then push the seat backwards or forwards.

Back rest angle adjustment fig. 43

Use lever **C** to set the back rest as required then release the lever.

To prevent malfunctioning: always press lever **C** down completely.

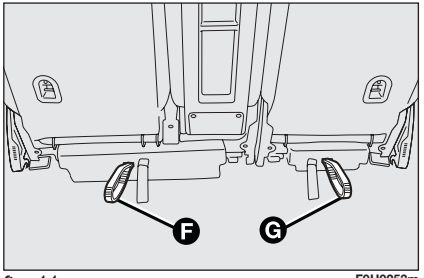


fig. 44 F0H0253m

REAR FIXED SEAT (where provided)

For tilting the seat, see paragraph "Boot extension"

Adjustments from the boot

Moving the seat backwards or forwards fig. 44

Use handles **F** and **G** to adjust the required seat section, then push the seat backwards or forwards.

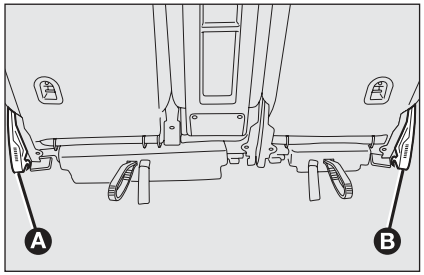


fig. 45 F0H0049m

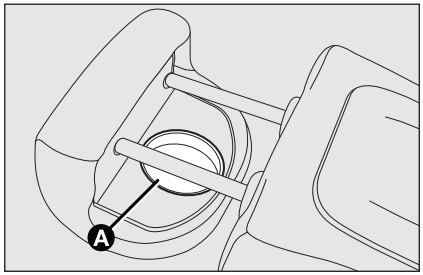


fig. 46 F0H0051m

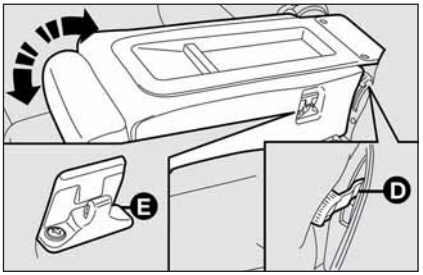


fig. 47 F0H0050m

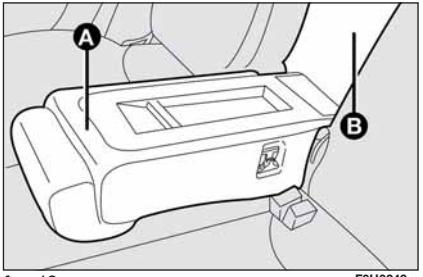


fig. 48 F0H0249m

WARNING

After adjustments, always check that the seat is firmly locked in the runners.

Back rest angle adjustment fig. 45

Use lever **A** or lever **B** to adjust the required back rest section, then release the lever.

Central seat back rest adjustment from inside the car

To set the central seat back rest in horizontal position:

- ❒ operate lever **D-fig. 47** (one per side)
- ❒ lower the central seat back rest down completely
- ❒ release the lever.

With central seat back rest completely lowered on the cushion and relevant head restraint removed (as shown in the figure), it is possible to use the glass holder **A-fig. 46** (where provided).

To bring the central back rest back to vertical position: use again lever **D-fig. 47** (one per side) and set it in line with rear side seat backs, until the securing clip **E** locks into place.

WARNING

Once you have released the lever, check that the seat is firmly locked in the runners by trying to move it back and forth. Failure to lock the seat in place could result in the seat moving suddenly.

Ski tunnel fig. 48

To use the ski tunnel, the armrest shall be lowered down completely.

It can be used to carry long objects (e.g.: skis), fitting them into the tunnel from the boot.

To access the ski tunnel **B**, lower the rear central back rest **A** (as previously described).

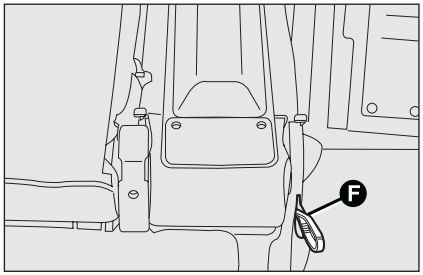


fig. 49 F0H0255m

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 hips.

Central seat back rest adjustment from the boot fig. 49

Pull band **F** and push forward the top of the back rest at the same time until releasing the locking clip. Bring the back rest to horizontal position then, release band **F**. Reverse this procedure to reset the back rest in vertical position. Check for clip locking into place.

WARNING

Always check that loads are anchored properly to prevent them being thrown against the passengers in case of accident or sharp braking.

WARNING

Only make adjustments when the car is stationary.

Relax position, passenger side

To obtain the relax position, open the rear door and:

- ❒ tilt the passenger seat to "table" position **fig. 50** (see "Setting the passenger's seat to table configuration" in this section);
- ❒ push the rear seat completely forward;
- ❒ push the passenger's seat (tilted) completely backward;
- ❒ remove the rear parcel shelf (see "Rear parcel shelf removal" in this section);
- ❒ move the rear seat back rest to the required position **fig. 50**.

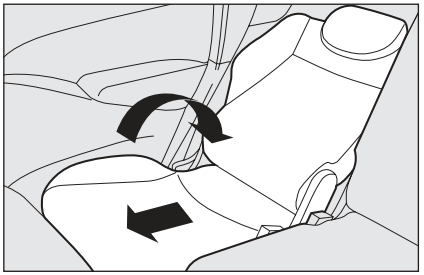


fig. 50 F0H0242m

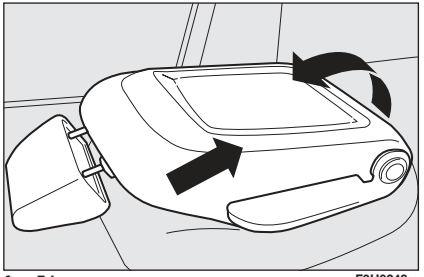


fig. 51 F0H0243m

Relax position, driver side

Same procedure but remove completely the driver's head restraint (see "Head restraints" in this section).

IMPORTANT See section "Boot Extension" for operations concerning seat positioning to extend the boot.

HEAD RESTRAINTS

FRONT SEATS

Head restraints are adjustable in height.

To adjust the head restraint height: pull it upwards or press button **A-fig. 52** and push it downwards. Make sure it is properly locked in place.

Head restraint removal

To extract the head restraint press button **B-fig. 53**.

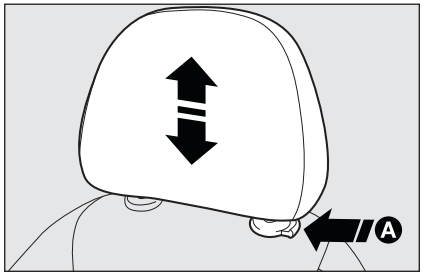


fig. 52 F0H0052m

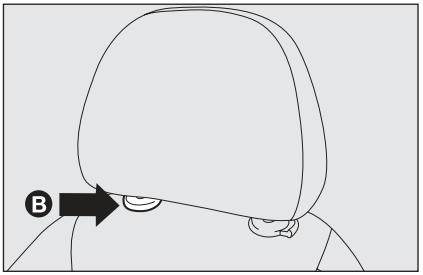


fig. 53 F0H0237m

REAR SIDE AND CENTRAL HEAD RESTRAINTS (where provided)

Head restraints are adjustable in height.

To raise the head restraints, move them upwards until the locking click is heard.

Press button **C-fig. 54** to lower them.

Press button **D** to extract them (although this is not required for normal configurations).

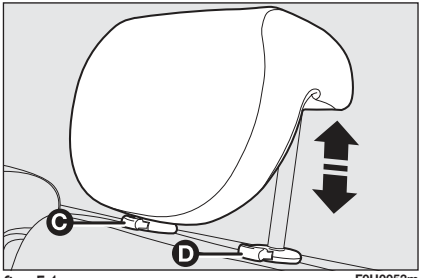


fig. 54 F0H0053m

WARNING

Travelling without head restraints is dangerous.

WARNING

If side-bags are fitted, the use of seat covers not purchased at Lineaccessori Fiat is dangerous.

WARNING

Remember that the head restraints should be adjusted to support the back of your head and not your neck. Only in this position do they exert their protective action.

WARNING

To optimise head restraint protective action, adjust the seat back upright and keep your head as close as possible to the head restraint.

WARNING

When refitting the head restraint, check for proper positioning and locking.

WARNING

Saddle-shaped rear head restraints optimise visibility and shall always be set in the position of use by rear passengers.

REARVIEW MIRRORS

DRIVING MIRROR

The mirror is fitted with a safety device that causes it to be released in the event of a violent crash.

Use lever **A-fig. 55** to move it to two different positions: normal or antiglare.

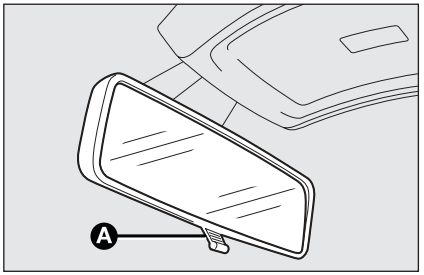


fig. 55 F0H0056m

CHILD'S WATCH MIRROR (where provided)

It is located on roof longitudinal console, near the front ceiling light to give the driver and front passenger a wide view of rear seats and therefore to watch rear passengers (children).

To use this mirror, move it from retracted position **B-fig. 56** to position **C** as shown in the figure.

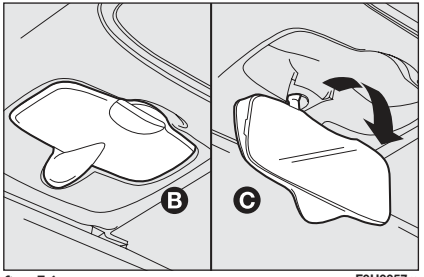


fig. 56 F0H0057m

DOOR MIRRORS

Manual adjustment

Use knob **A-fig. 57** to adjust the mirror

Electric adjustment

This operation can be only performed with ignition key to **MAR**.

Proceed as follows:

- ❒ use switch **B-fig. 58** to select the mirror required (left or right);
- ❒ to adjust the mirror move the switch **C** in the four directions.

Adjust mirrors with car stationary and handbrake on.

Mirror defrosting, where provided, starts automatically when switching the heated rear window on.

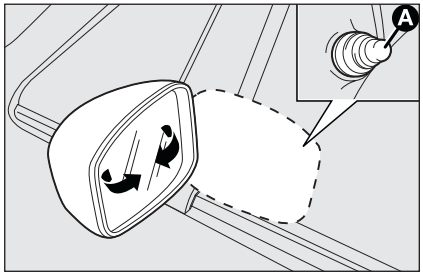


fig. 57 F0H0244m

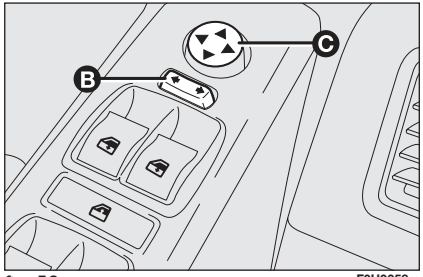


fig. 58 F0H0058m

Folding fig. 59

When required (for example when the mirror causes difficulty in narrow spaces) it is possible to fold mirrors moving them from position **1** to position **2**.

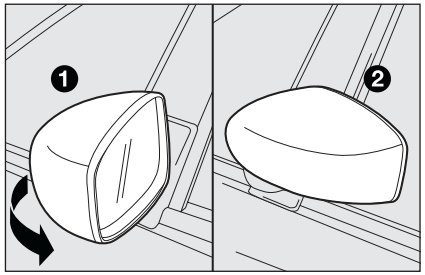


fig. 59 F0H0059m

When driving the mirrors shall always be in position (1).

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

HEATING/CLIMATE CONTROL SYSTEM

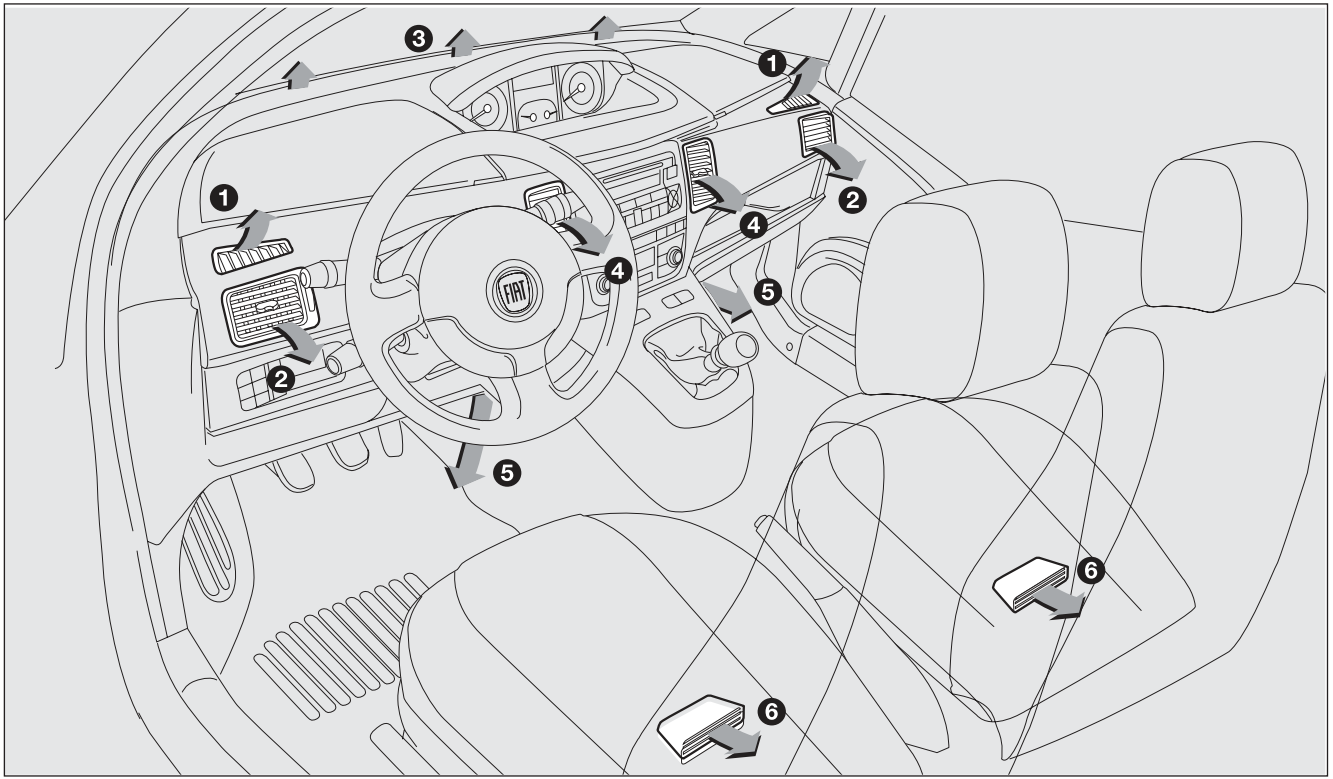


fig. 60

1 Fixed vents for defrosting/demisting side windows - **2** Side adjustable outlets - **3** Fixed vents for defrosting/demisting windscreen - **4** Centre adjustable outlets - **5** Lower vents - **6** Lower vents for rear passengers.

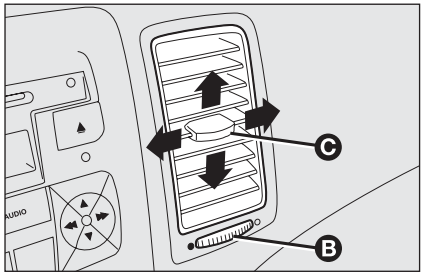


fig. 61 F0H0061m

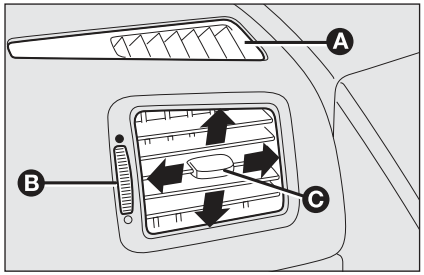


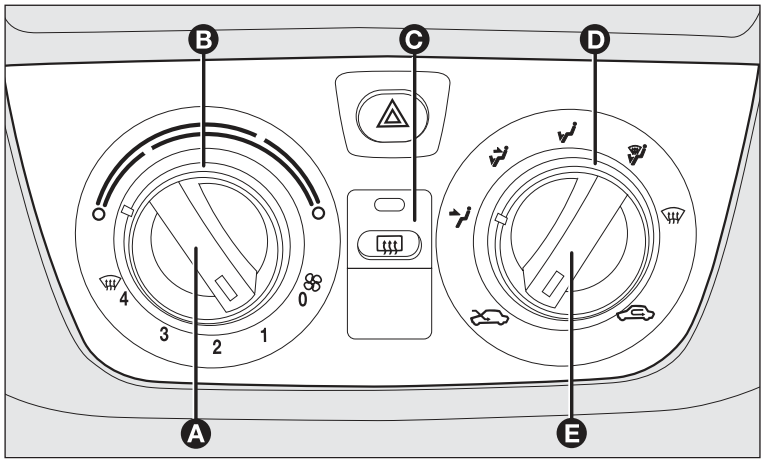
fig. 62 F0H0062m

CENTRAL AND SIDE VENTS fig. 61-62

A Fixed vents for defrosting/demisting side windows

B Control for outlet opening/closing

C Control for directing outlet and air flow.



F0H0063m

CONTROLS

A fan activation and speed control knob

B air temperature knob (mixing hot and cold air)

C heated rear window on/off button

D air distribution knob

E air recirculation on/off button.

AIR DISTRIBUTION

Using knob **D-fig. 63** it is possible to choose manually 5 of the possible air distributions to the passenger compartment:

- air flow from centre and side vents (2) and (4) **fig. 60**;
- air flow from centre and side vents (2) and (4) and downwards (5) and (6) **fig. 60** (bilevel function);
- air flow downwards (5) and (6) **fig. 60**;
- air flow downwards (5) and (6) **fig. 60** and also to the windscreen (3);
- to demist and defrost windscreen (3) and front side windows (1) **fig. 60**.

TEMPERATURE ADJUSTMENT

Proceed as follows:

Turn knob **B-fig. 63** clockwise (pointer to red sector) to increase temperature or turn it counter-clockwise to decrease temperature;

FAN SPEED ADJUSTMENT

Proceed as follows:

- ❒ open completely central (4) and side (2) **fig. 60** vents;
- ❒ turn knob **B-fig. 63** to the blue sector;
- ❒ set **A** to the required speed;
- ❒ set knob **D** to ;
- ❒ set knob **E** to to turn air recirculation off

RECIRCULATION

Set knob **E** to .

This function is particularly useful when the outside air is heavily polluted (in a traffic jam, tunnel, etc.). However, it is better not to use it for long periods, especially if there are several people in the car to prevent window steaming up.

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

QUICK HEATING

Proceed as follows:

- ❒ close all dashboard vents;
- ❒ turn knob **B-fig. 63** to the red sector;
- ❒ turn knob **A** to 4 ;
- ❒ turn knob **D** to .

QUICK WINDSCREEN AND FRONT SIDE WINDOW DEMISTING/DEFROSTING

Proceed as follows:

- ❒ turn knob **B-fig. 63** to the red sector;
- ❒ turn knob **A** to 4 ;
- ❒ turn knob **D** to ;
- ❒ set knob **E** to to turn air recirculation off.

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

Preventive demisting procedure

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

- ❒ set knob **E-fig. 63** to to turn air recirculation off;
- ❒ knob pointer **B** in the red section;
- ❒ turn knob **A** to 2;
- ❒ turn knob **D** to or to if the windows do not mist up.

REAR WINDOW AND ELECTRIC DOOR MIRROR DEMISTING/DEFROSTING (where provided)

Press button **C-fig. 63** to turn this function on. When this function is on, the button led turns on.

This function is timed and switches off automatically after the preset time. To cut out this function press again button **C**.

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.

MANUAL CLIMATE CONTROL SYSTEM (where provided)

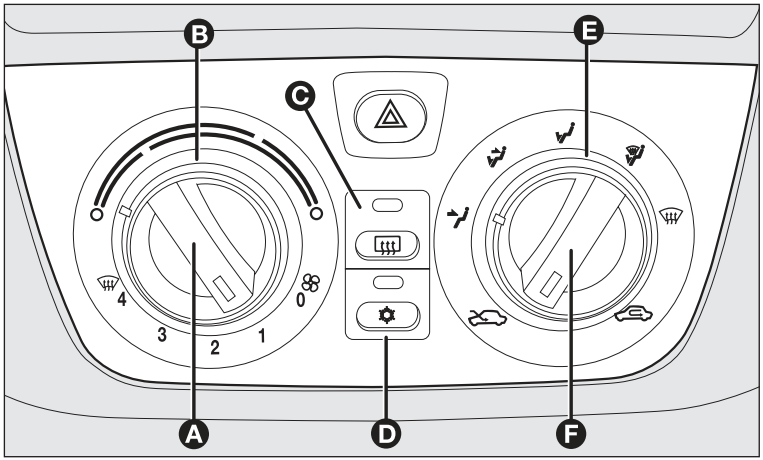


fig. 64 F0H0064m

CONTROLS fig. 64

A fan activation and speed control knob

B air temperature knob (mixing hot and cold air)

C heated rear window on/off button

D climate control compressor on/off button;

E air distribution selection knob

F air recirculation on/off button.

AIR DISTRIBUTION fig. 64

Using knob **E-fig. 64** it is possible to choose manually 5 of the possible air distributions to the passenger compartment:

- air flow from central vents and side outlets (2) and (4) **fig. 60**;
- air flow from centre and side vents (2) and (4) and downwards (5) and (6) **fig. 60** (bilevel function);
- air flow downwards (5) and (6) **fig. 60**;
- air flow downwards (5) and (6) and also to the windscreen (3) **fig. 60**;
- to demist and defrost windscreen (3) and front side windows (1) **fig. 60**.

TEMPERATURE ADJUSTMENT

Proceed as follows:

Turn knob **B-fig. 64** clockwise (pointer to red sector) to increase temperature or turn it counter-clockwise to decrease temperature;

FAN SPEED ADJUSTMENT

Proceed as follows:

- ❒ open completely central (4) and side (2) **fig. 60** vents;
- ❒ turn knob **B-fig. 64** to the blue sector;
- ❒ set **A** to the required speed;
- ❒ set knob **E** to ;
- ❒ set knob **F** to to turn air recirculation off.

RECIRCULATION

Set knob **F-fig. 64** to .

This function is particularly useful when the outside air is heavily polluted (in a traffic jam, tunnel, etc.). However, it is better not to use it for long periods, especially if there are several people in the car to prevent window steaming up.

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

QUICK HEATING

Proceed as follows:

- ❒ close all dashboard vents;
- ❒ turn knob **B-fig. 64** to the red sector;
- ❒ turn knob **A** to 4 ;
- ❒ turn knob **E** to .

QUICK WINDSCREEN AND FRONT SIDE WINDOW DEMISTING/DEFROSTING

Proceed as follows:

- ❒ turn knob **B-fig. 64** to the red sector;
- ❒ turn knob **A** to 4 ;
- ❒ turn knob **E** to ;
- ❒ set knob **F** to to turn air recirculation off.

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

Preventive demisting procedure

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

- ❒ set knob **F-fig. 64** to to turn air recirculation off;
- ❒ turn knob **B** to the red sector;
- ❒ turn knob **A** to 2;

❒ turn knob **E** to or to if the windows do not mist up.

IMPORTANT Climate control is very useful to speed up window demisting: therefore, perform demisting procedure as described previously and then switch the system on pressing button **D**.

REAR WINDOW AND ELECTRIC DOOR MIRROR DEMISTING/DEFROSTING (where provided)

Press button **C-fig. 64** to turn this function on. When this function is on, the button led turns on.

This function is timed and switches off automatically after the preset time. To cut out this function press again button **C**.

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.

CLIMATE CONTROL (cooling and dehumidification)

Proceed as follows:

❒ turn knob **B-fig. 64** to the blue sector to select temperature;

❒ turn knob **A** to the required speed;

❒ set knob **E** to ;

❒ set knob **F** to .

❒ press **D** ☼ (button led will turn on).

Cooling adjustment

Proceed as follows:

❒ set knob **F-fig. 64** to to turn air recirculation off;

❒ turn knob **B** to the right to raise temperature;

❒ turn knob **A** to the left to reduce the fan speed.

LOOKING AFTER THE SYSTEM

During the winter, the climate control system must be turned on at least once a month for about ten minutes. Before summer, have the system checked at a Fiat Dealership.

AUTOMATIC TWO-ZONE CLIMATE CONTROL SYSTEM (where provided)

GENERAL

The car is fitted with a two-zone climate control system which makes it possible to separately adjust the air temperature on the driver's side and on the passenger's side. Temperature control is based on the "equivalent temperature" logic, i.e.: the system continuously works to keep constant the comfort inside the passenger compartment and to compensate any variation of the outside climate conditions, including sunshine detected by a proper sensor provided for the purpose.

The climate control system automatically controls and adjusts the following parameters and functions:

- ❒ air temperature at driver/front passenger vents;
- ❒ air distribution at driver/front passenger vents;
- ❒ fan speed (continuous air flow variation);
- ❒ compressor switching on (to cool/dehumidify air);
- ❒ air recirculation.

All the above functions can be changed manually at any time, i.e.: you can always modify one or more function settings. In this event, the system will no longer implement the automatic control of the functions changed manually (except for safety reasons, e.g.: risk of window misting).

Manual selections prevail over automatic ones and remain in storage until the user decides to resume automatic control, except when the system cuts in for particular safety conditions.

The control of functions not changed manually remains automatic.

The amount of air admitted to the passenger compartment does not depend on the car speed, since it is electronically controlled by the fan.

In any case, the temperature of the air admitted to the passenger compartment is controlled automatically (except when the system is off) according to the temperatures set on the driver's and front passenger's displays or under certain climatic conditions if the compressor is off).

The system enables to set or to change the following parameters and functions manually:

- ❒ air temperatures on driver/front passenger side;
- ❒ fan speed (continuous variation);
- ❒ air distribution on five levels (driver/front passenger side);
- ❒ climate control compressor on/off enable;
- ❒ monozone/two-zone distribution priority;
- ❒ fast demisting/defrosting;
- ❒ air recirculation;
- ❒ rear heated window;
- ❒ system off;

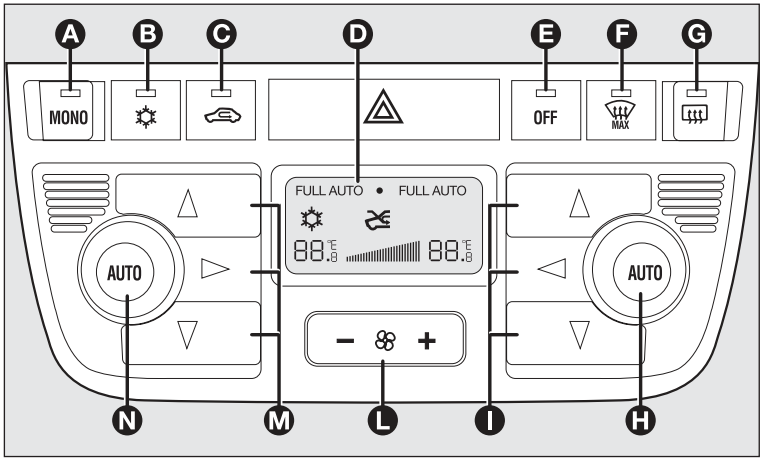


fig. 65

CONTROLS fig. 65

A **MONO** function button (for aligning set temperatures)

B climate control compressor on/off button

C inside air recirculation on/off button

D display showing climate control system data

E climate control system off button

F **MAX-DEF** function button (front window fast defrosting/demisting)

G rear window heating on/off button

H **AUTO** function button (automatic mode) and knob to adjust temperature on passenger side

I buttons for air distribution on passenger side

L button for adjusting fan speed

M button for air distribution on driver side

N **AUTO** function button (automatic mode) and knob to adjust temperature on driver side

SWITCHING THE CLIMATE CONTROL SYSTEM ON

The system can be started in different ways, but it is advisable to press one of the **AUTO** buttons and then to turn the knobs to set the temperatures required on the display.

It is possible to personalise required temperatures (driver and passenger) with a maximum difference of 7 °C.

This way the system will start working completely automatically to reach the temperatures set as quickly as possible. The system will adjust the air temperature, flow and distribution and will control the air recirculation function and the conditioner compressor on/off.

During fully automatic operation, the only manual settings required are the following:

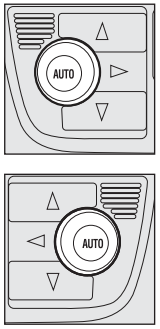
- ❒ **MONO**, to align the air temperature and distribution set on the passenger's side (front or rear) with that on the driver's side;
- ❒ , air recirculation, to keep it always on or off;
- ❒ , to speed up demisting/defrosting of windscreen, front side windows, rear window and door mirrors;
- ❒ , to demist/defrost the rear heated window and the door mirrors.

During completely automatic system operation, the temperatures, air distribution and the fan speed set can be changed at any time through the relevant buttons or knobs: the system will automatically change its settings to adjust to the new requirements.

During full automatic operation (**FULL AUTO**), any change in air distribution and/or air flow and/or compressor turning on and/or air recirculation will obtain **FULL** disappearing. In this way functions will be controlled manually until pressing the **AUTO** button again. The fan speed is the same for all passenger compartment areas.

With one or more functions engaged manually, the adjustment of the temperature of the air admitted to the passenger compartment continues to be controlled automatically by the system, except with the climate control compressor off. In fact, in this condition, the air admitted to the passenger compartment cannot have a lower temperature than the outside air.

CONTROLS



Air temperature adjustment knobs H-N

Turning the knobs clockwise or counterclockwise, highers or lowers the temperature of the air required respectively in the left zone (knob **N**) or right zone (knob **H**) of the passenger compartment.

It is possible to personalise required temperatures (driver and passenger) with a maximum difference of 7 °C.

The temperatures set are shown on the displays near the relevant knobs.

Pressing button **A** (**MONO**) automatically aligns the temperature on the front passenger's side with that on the driver's side. It is therefore possible to set the same temperature between the two zones simply turning the knob on the driver's side (**N**).

This function is provided to simplify temperature adjustment of the whole passenger compartment when only the driver is on board.

Separate operation of the set temperatures is automatically restored by turning knobs (**H**) or pressing button **A** (**MONO**) again when the button led is on.

Turning the knobs clockwise or counterclockwise until they reach the extreme selections **HI** or **LO**, the maximum heating or cooling functions are respectively engaged:

- ❒ **HI** function (highest heating power):

this is activated by turning the temperature knob clockwise above the max. value (32 °C). It can be activated independently from the driver's or passenger's side or both (also selecting the **MONO** function).

This function can be engaged when requiring to heat the passenger compartment as quickly as possible, exploiting the maximum potential of the system. This function uses the maximum temperature of the coolant fluid, while air distribution and fan speed are controlled according to the system settings.

More particularly, max. fan speed will not be immediately engaged if coolant is not hot enough; this to prevent admitting air that is not warm enough to the passenger compartment.

All manual settings are however possible with this function on.

To switch the function off, simply turn the temperature knob counterclockwise and set the required temperature.

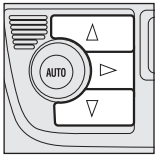
❒ **LO** function (highest cooling power):

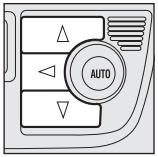
this is activated by turning the temperature knob counterclockwise below the min. value (16 °C). It can be activated independently from the driver's or passenger's side or both (also selecting the **MONO** function).

This function can be engaged when requiring to cool the passenger compartment as quickly as possible, exploiting the maximum potential of the system. This function engages inside air recirculation and climate control compressor, while air distribution and fan speed are controlled according to environmental conditions.

All manual settings are however possible with this function on.

To switch the function off, simply turn the temperature knob clockwise and set the required temperature.





Front air distribution selection buttons (I-M)

Pressing the relevant buttons it is possible to manually choose one of the five possible air distributions to the left and right side of the passenger compartment:

▲ Air flow to the windscreen and front side window vents to demist or defrost them.

▶ Air flow to dashboard central and side vents to provide satisfactory ventilation to the chest and face, specially during the summer.

▼ Air flow towards the front and rear lower parts of the passenger compartment. Due to the natural tendency of heat to spread upwards, this type of distribution allows heating of the passenger compartment in the shortest time, also giving a prompt feeling of warmth to the coldest parts of the body.

▶▼ Splitting of the air flow between the vents to the lower part of the passenger compartment (warmest air) and the dashboard centre and side outlets (coolest air). This air flow distribution is particularly useful in spring and autumn, when the sun is shining.

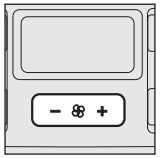
▲▼ Splitting of the air flow between the lower part of the passenger compartment and the windscreen and front side window demisting/defrosting vents. This type of air distribution allows satisfactory heating of the passenger compartment while preventing possible misting of the windows.

Set air flow distribution is indicated by the corresponding button led switching on.

With a combined function set, pressing a button will turn on the main function of the button pressed, together with the functions set yet. Pressing the button of the active function will turn the function off (led off).

To restore automatic air distribution control after a manual selection, press button **AUTO**.

When the driver selects air distribution towards the windscreen, also the air distribution on passenger's side will automatically be directed to the windscreen. The passenger can however select a different air distribution by pressing the relevant buttons.



Fan speed adjustment buttons (L)

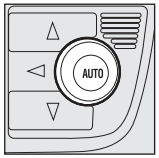
Pressing the ends of button ✻ increases or decreases the fan speed and therefore the amount of air admitted to the passenger compartment, although keeping the required temperature.

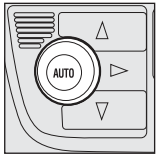
The fan speed is shown by the lit bars on the display

- ❒ max fan speed = all bars lit
- ❒ min fan speed = one bar lit.

The fan can be cut off only if the climate control compressor has been switched off pressing button **B**.

IMPORTANT To restore automatic fan speed control after a manual adjustment, press button **AUTO**.





AUTO buttons (H-N) (automatic operation)

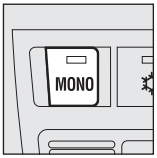
Pressing the **AUTO** button (on driver and/or front passenger side) the system automatically adjusts the amount and distribution of the air admitted to the passenger compartment, cancelling all the previous manual adjustments.

This condition is indicated by the message **FULL AUTO** on the front system display.

Manual operation of at least one automatic function (air recirculation, air distribution, fan speed or climate control compressor off) will cause **FULL** message going off the display. This means that automatic control is not complete (except temperature control which is always automatic).

IMPORTANT Should the system (after manual settings) be no longer able to guarantee the required temperature set in the passenger compartment, the set temperature value will start flashing to indicate this condition, after one minute the **AUTO** message will turn off.

To restore automatic system control after one or more manual selections, press button **AUTO**.



MONO button (A) (alignment of set temperatures and air distribution)

Pressing button **MONO** automatically aligns the temperature on the front passenger's side with that on the driver's side.

It is therefore possible to set the same temperature and air distribution between the two zones simply turning the knob on the driver's side. This function is provided to simplify temperature adjustment of the whole passenger compartment when only the driver is on board.

Separate operation of the set temperatures and air distribution is automatically restored by turning knob **H-fig. 65** or pressing button **MONO A** again when the button led is on.

Air recirculation on/off button (C)

Air recirculation is controlled according to the following operating logics:

- ❒ forced switching on (air recirculation always on), indicated by the turning on of the led on button **C-fig. 65** and symbol on the display;
- ❒ forced switching off (air recirculation always off with air inlet from the outside), indicated by the turning off of the button led and on the display.

These operating conditions are obtained pressing in sequence the air recirculation button **C**.

After a preset time, the climate control system will turn air recirculation off automatically for safety reasons, thus enabling outside air inlet.

WARNING

It is inadvisable to use the air recirculation feature with low outside temperature as the windows might mist over quickly.

IMPORTANT The air recirculation system makes it possible to reach the required heating or cooling conditions faster. It is however inadvisable to use it on rainy/cold days as it would considerably increase the possibility of the windows misting inside, especially if the climate control system is off.

When the outside temperature is below 5-7°C, air recirculation is switched off (air is taken from the outside) to prevent misting.

Climate control compressor on/off button (B)

Press the button, when the button led is on, to switch the compressor off. The led will go off. By pressing again the button when the led is off, the system automatic control of the compressor activation is restored; this condition is indicated by button led lighting up.

When the air conditioner compressor is off, the system deactivates air recirculation to prevent window misting up. Although the system is still able to maintain the required temperature, the message **FULL** on the display will go off. If the system is no longer able to keep the required temperature, also the message **AUTO** will turn off.

IMPORTANT Air at a temperature lower than that of the outside air cannot be let into the passenger compartment when the compressor is off. Furthermore, in particular environmental conditions, the windows could mist up fast because the air is no longer dehumidified.

Setting will be stored also when the engine is stopped. Either press again button (in this case the system operates as heater only) or **AUTO** to reset automatic control of the compressor.

With compressor off, if the outside temperature is higher than the set temperature, the system cannot reach the required temperature. This will be signalled by the flashing of set temperature value on the display for a few seconds, then the message **AUTO** will go off.

When the compressor is off, it is possible to reset manually the fan speed (no bar displayed).

When the compressor is on and the engine is running, fan speed cannot be lower than the minimum (one bar displayed).

Button for fast windscreen and front side window demisting/ defrosting (F)

Press this button: the climate control system will automatically switch on all the functions required for fast windscreen and front side window demisting/defrosting, that is:

- climate control system compressor on (with proper climatic conditions);
- air recirculation off;
- maximum air temperature **HI** on both areas;
- fan speed according to engine coolant temperature in order to limit letting cold air into the passenger compartment for demisting the windows;
- air flow directed to the windscreen and front side window vents;
- heated rear window.

IMPORTANT The fast windscreen demisting/defrosting function stays on for approx. 3 minutes after the engine coolant temperature exceeds 50°C (petrol versions) or 35°C (Multijet versions).

When the max. demisting/defrosting function is on, the led on the relevant button and that on the heated rear window button turn on. Message **FULL AUTO** on the display will turn off.

When the max. demisting/defrosting function is on, the only manual operations possible are manual adjustment of the fan and switching rear window heating off.

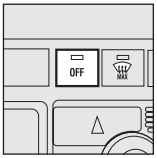
Press button **F-fig. 65** or air recirculation button **C** or compressor button **B** or **AUTO** buttons **N** o **H** to reset the previous system operation conditions.

Button for demisting/defrosting the heated rear window and door mirrors (G)

Press this button to switch on the heated rear window demisting/defrosting function. The led on the button will come on.

This function will be automatically switched off after the preset time, or pressing the button again or when stopping the engine. It will not start up automatically when the engine is started again.

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.



OFF button (E) (system off)

To switch the climate control system off, press button **E**, also the display will go off.

The climate control system conditions when the system is off are the following:

- Every led off;
- set temperatures not displayed;
- air recirculation on, thus isolating the passenger compartment;
- climate control system compressor off;
- fan off.

The heated rear window can be switched on and off normally when the system is off by pressing button **G**.

IMPORTANT The climate control system electronic unit stores the system settings made before the system was switched off and restores them as soon as a button is pressed (with the exception of the heated rear window button). The function which the button corresponds to will be switched on, if it was off when the system was switched off. It will be kept if, on the other hand, it was on when the system was switched off.

Press the **AUTO** button to switch the climate control system back on.

EXTERNAL LIGHTS

The left-hand lever includes the controls for the external lights.

The external lights can only be switched on when the ignition key is at **MAR**.

LIGHTS OFF fig. 66

Knurled ring turned to position ○.

SIDE/TAILLIGHTS fig. 67

Turn the knurled ring to position ☼.

The warning light ≡D≡ on the instrument panel comes on at the same time.

DIPPED BEAM HEADLIGHTS fig. 68

Turn the knurled ring to position ≡D.

The warning light ≡D≡ on the instrument panel comes on at the same time.

BEAM HEADLIGHTS fig. 69

When the knurled ring is in position ≡D pull the lever towards the steering wheel (stable position). The warning light ≡D on the instrument panel comes on at the same time.

To turn the beam headlights off, pull again the lever towards the steering wheel (dipped beams will turn on again).

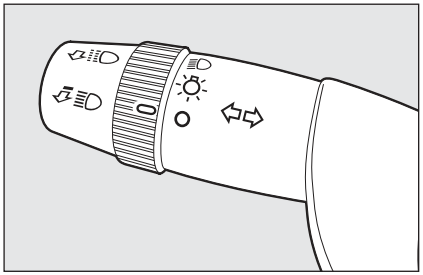


fig. 66

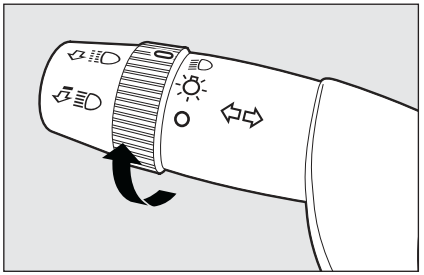


fig. 68

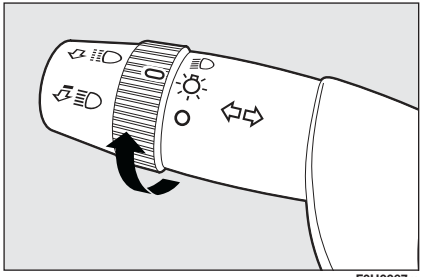


fig. 67

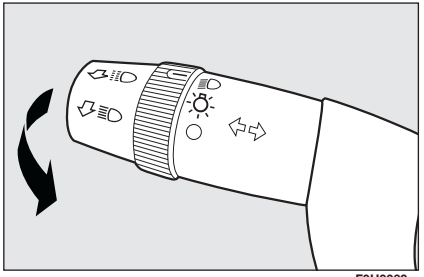


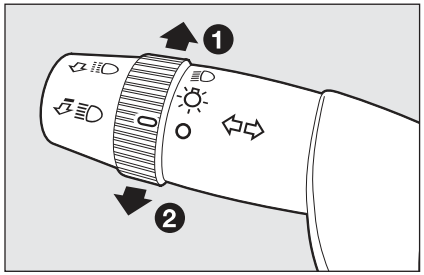
fig. 69

FLASHING THE HEADLIGHTS

Pull the stalk towards the steering wheel (unstable position) regardless of the position of the knurled ring. The warning light ≡D on the instrument panel will come on at the same time.

Parking lights fig. 67

With the ignition key in position **STOP** or removed, rotate knurled ring in position ☼. The warning light ≡D≡ is lit on the instrument panel and all the plate lights and side/taillights go on. Move the lever ❶ upwards to turn on the lights on the right-hand side; move it downwards ❷ to turn on the lights on the left-hand side. In both cases the warning light ≡D≡ on the instrument panel does not turn on.



F0H0071m

fig. 70

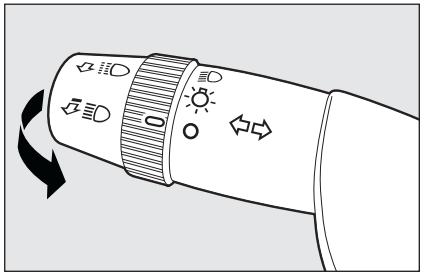

F0H0070m

fig. 71

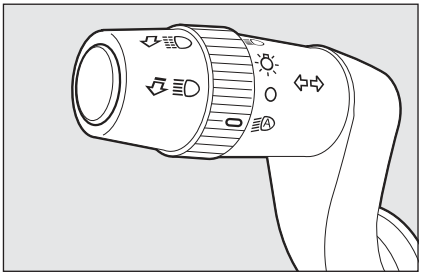

F0H0072m

fig. 72

DIRECTION INDICATORS fig. 70

Push the stalk to (stable) position:

❒ up (position **1**): right-hand indicator ON;

❒ down (position **2**): left-hand indicator ON.

Warning light ⇦ or ⇨ start flashing 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 clicking into position (unstable position). When released, the stalk will return to its home position.

"FOLLOW ME HOME" DEVICE fig. 71

This function allows the illumination of the space in front of the car for a preset period of time.

Activation

With the ignition key on **STOP** or removed, pull the stalk towards the steering wheel within 2 minutes from when the engine is turned off.

At each single movement of the stalk, the time in which the lights stay on is extended by 30 seconds up to maximum 210 seconds. After this time, the lights go off automatically.

AUTOMATIC LIGHT SENSORS (dusk sensor) (where provided)

This sensor detects any changes in the external brightness according to the sensitivity of the set light level: the higher the sensitivity, the lower the amount of external light needed to switch the lights on. The sensitivity of the dusk sensor is adjusted by means of the "Setup menu" on the "Multifunctional Display".

Activation

Rotate the knurled ring in position **fig. 72** as to cause automatic switching on of the side/tail lights and low beam lights simultaneously depending on the external brightness.

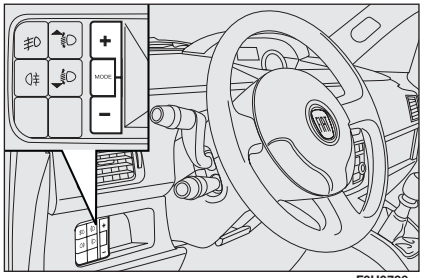


fig. 73

When the automatic light sensor is activated, the multifunctional display shows the pre-set sensor sensitivity level. On this screen it is possible to adjust the sensitivity level using the buttons **+** and **–** (see **fig. 73**).

Deactivation

The main beam headlights will go out followed by the side/tail lights after approximately 10 seconds, when the sensor is deactivated.

If the beam headlights are enabled (manually by the driver) during automatic lighting, the beam lights go off automatically along with the lights.

IMPORTANT The sensor cannot detect the presence of fog. So, in foggy conditions, switch the lights on manually.

WINDOW WASHING

WINDSCREEN WASHER/WIPER

The device can work only when the ignition key is on **MAR**.

The right lever **fig. 74** can take five different positions:

A windscreen wiper off

B intermittent.

With the lever in position **B**, turn the knurled ring **F** to select one of four different speeds for the intermittent operation mode:

= very slow intermittence

-- = slow intermittence

--- = mean intermittence

---- = fast intermittence

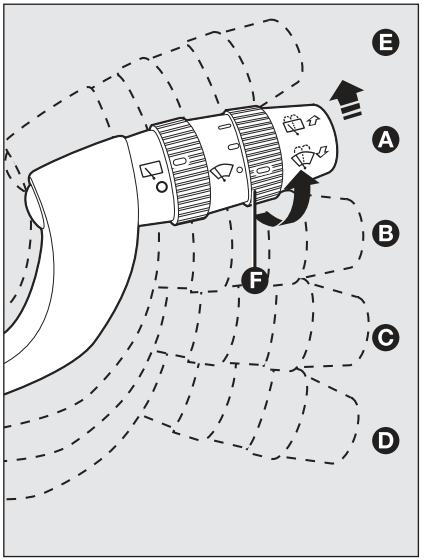


fig. 74

C continuous slow operation;

D continuous fast operation

E temporary fast operation (unstable position).

Operation in position **E** is limited to the time during which the lever is kept in that position manually. When released, the stalk will return to position **A** and the wiper will be automatically stopped.

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

Do not use the windscreen wiper to remove layers of snow or ice from the windscreen. In such conditions, the windscreen wiper may be subjected to excessive stress and the motor protection which prevents operation for a few seconds may trip. If the issue persists, contact the Fiat Dealership.

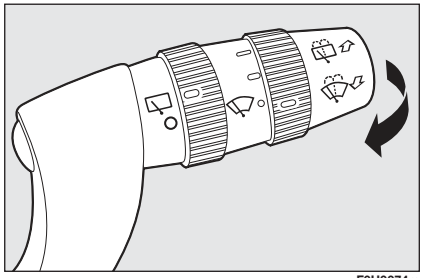


fig. 75

"Smart washing" function fig. 75

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

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

When releasing the stalk, the jet stops immediately, while the wiper carries out another four strokes.

A further stroke after 6 seconds completes the wiping operation.

RAIN SENSOR (where provided)

The rain sensor is located behind the driving mirror in contact with the windscreen and has the purpose of automatically adjust the frequency of the windscreen wiper strokes as to the rain intensity.

IMPORTANT Keep the window clean in the sensor area.

Activation

Move the right lever down by one click.

The activation of the rain sensor is signalled by a control acquisition "stroke".

Turn the knurled ring **F-fig. 76** to increase the rain sensor sensitivity.

The increase of the sensitivity of the rain sensor is signalled by a control and acquisition "stroke".

By operating the windscreen washer with the rain sensor enabled, a smart washing cycle is carried out, without the additional stroke after 5 seconds; once completed, the sensor resumes its regular automatic operation.

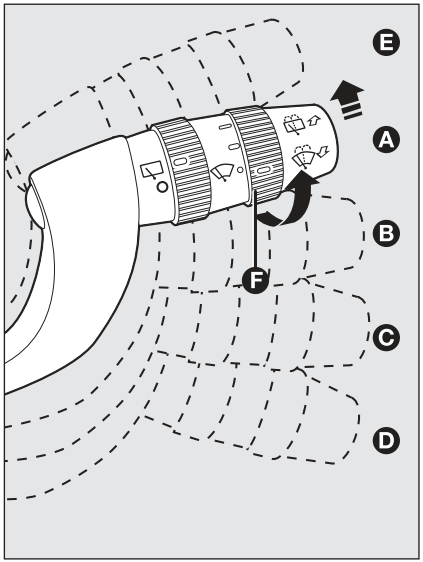


fig. 76 F0H0073m

Deactivation

Change the stalk knurled ring position from **B** or turn the ignition key to **STOP**.

At the next start-up (key at **MAR**), the sensor will not be reactivated even if the stalk is at **B**. To activate the sensor, move the stalk to position **A** or **C** and then to position **B** or turn the sensitivity adjustment knurled ring.

The sensor reactivation is signalled by a windscreen wiper "stroke".

The rain sensor is able to recognize and automatically adjust itself in the presence of the following particular conditions:

- ❒ impurities on the controlled surface (salt, dirt, etc.);
- ❒ difference between day and night.

WARNING

Streaks of water may cause unnecessary blade moving.

REAR WINDOW WASHER/ WIPER fig. 77

The device can work only when the ignition key is on **MAR**.

Turning the knurled ring **A** from position O to position ⊑ will operate the rear window wiper as follows:

- ❒ intermittent operation if the windscreen wiper is off;
- ❒ synchronised with the windscreen wiper (but with half stroke frequency);

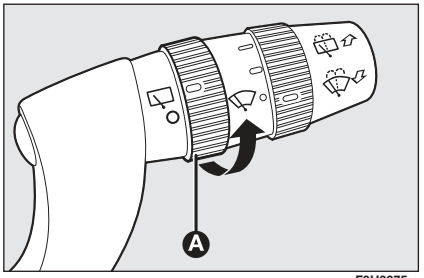


fig. 77 F0H0075m

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

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

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

Releasing the stalk will activate the smart washing function as described for the windscreen wiper.

CRUISE CONTROL (where provided)

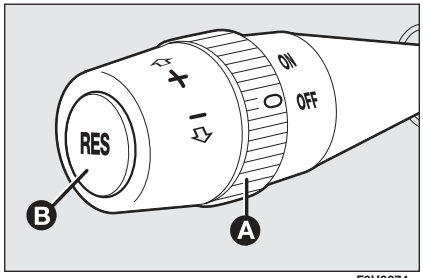
It is a device able to support the driver, with electronic control, which allows driving at speed over 30 km/h on long and straight dry roads (e.g.: motorways), at a desired speed, without pressing the accelerator pedal. Therefore it is not suggested to use this device on extra-urban roads with traffic. Do not use it in town.

DEVICE ENGAGEMENT

Turn knurled ring **A-fig. 78** to **ON**.

The device may only be engaged in the 4th or 5th gear. Travelling downhill with the device engaged, the car speed may increase more than the memorised one.

When the device is activated, the warning light on the instrument cluster turns on together with the message (where provided) on the reconfigurable multifunction display.



F0H0074m

fig. 78

TO MEMORISE SPEED

Proceed as follows:

- ❒ turn the knurled ring **A-fig. 78** to **ON** and press the accelerator pedal to the required speed;
- ❒ move the stalk upwards (**+**) for at least three seconds, then release it. The car speed is memorised and it is therefore possible to release the accelerator pedal.

In the case of need (when overtaking for instance) acceleration is possible simply pressing the accelerator pedal: releasing the accelerator pedal, the car will return to the speed memorised previously.

TO RESET THE MEMORISED SPEED

If the device has been disengaged for example pressing the brake or clutch pedal, the memorised speed can be reset as follows:

- ❒ accelerate gradually until reaching a speed approaching the one memorised;
- ❒ engage the gear selected at the time of speed memorising (4th or 5th gear);
- ❒ press the RES button **B-fig. 78**.

TO INCREASE THE MEMORISED SPEED

The speed memorised can be increased in two ways:

- ❒ pressing the accelerator and then memorising the new speed reached;

or

- ❒ moving the stalk upwards (**+**).

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

ATTENZIONE

When travelling with the device on, do not put the gearbox lever in neutral.

TO REDUCE MEMORISED SPEED

The speed memorised can be increased in two ways:

❒ disengaging the device and then memorising the new speed;

or

❒ moving the stalk downwards (**–**) until reaching the new speed which will be memorised automatically.

Each operation of the stalk will correspond to a slight reduction in speed (about 1 km/h), while keeping the stalk downwards continuously will correspond to a continuous speed reduction.

DEVICE DISENGAGEMENT

Turn the ring **A-fig. 78** to **OFF** or the ignition key to **STOP**. The device is automatically deactivated also in one of the following cases:

❒ pressing the brake or clutch pedal.

WARNING

In the event of device malfunction or failure, turn the knurled ring A to OFF and contact a Fiat Dealership after checking the protective fuse integrity.

CEILING LIGHTS

FRONT CEILING LIGHT fig. 79

Press switch **A** to switch the light on and off.

With switch **A** in the central position, lights **C** and **D** turn on/off when the front doors are opened/closed.

Pressing switch **A** to the left, lights **C** and **D** stay off.

Pressing switch **A** to the right, lights **C** and **D** stay on.

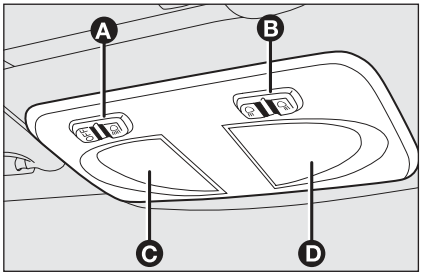


fig. 79

Light switching on/off is progressive.

Switch **B** turns on the spot light; when the ceiling light is off, it turns on singularly:

❒ map reading light **C** if pressed to the left;

❒ map reading light **D** if pressed to the right.

IMPORTANT Make sure that both switches are in central position before getting out of the car. This will ensure that the ceiling lights go out when the doors are closed preventing the battery from running down.

Anyway, if the switch is left on, the ceiling light will automatically switch off after 15 minutes from the engine turning off.

Ceiling light timing

Two timing strategies are available in order to facilitate getting in and out of the car, especially at night in dark areas:

TIMING FOR GETTING INTO THE CAR

The ceiling lights will come on as follows:

- ❒ for about 10 seconds when a door is unlocked;
- ❒ for about 3 minutes when a door is opened;
- ❒ for about 10 seconds when a door is closed (within the 3 minutes).

Timing will be stopped when the ignition key is turned to **MAR**.

TIMING FOR GETTING OUT OF THE CAR

The ceiling lights will come on as follows when the key is removed from the ignition switch:

- ❒ for about 10 seconds within 2 minutes after stopping the engine;
- ❒ for about 3 minutes when a door is opened;
- ❒ for about 10 seconds when a door is closed (within the three minutes).

The timeout will automatically end when the doors are locked.

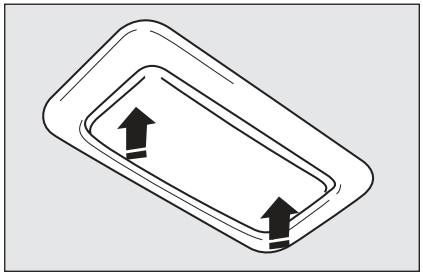


fig. 80

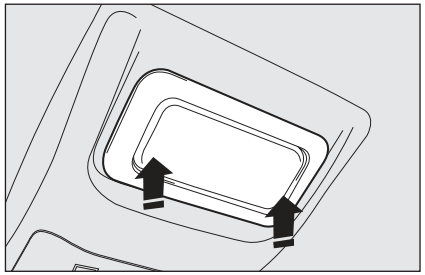


fig. 81

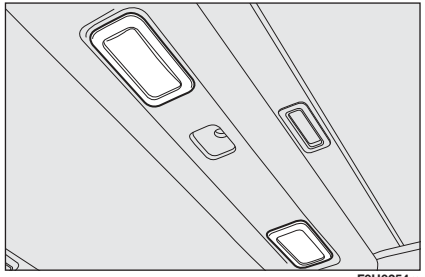


fig. 82

REAR CEILING LIGHT (where provided)

The light turns on/off pressing the transparent to the right or left as illustrated **fig. 80-81**.

If there is a console placed longitudinally to the roof, the ceiling light is integrated in the console **fig. 81**.

If the car is fitted with sunroof, there are two 5W ceiling lights on the rear roof **fig. 82**.

CONTROLS

HAZARD LIGHTS fig. 83-84

Press switch **A** regardless of the position of the ignition key.

The switch will flash with the instrument panel warning light ⇦ ⇨ when the device is on.

Press the switch again to switch the lights off.

FRONT FOG LIGHTS (where provided) fig. 85

These are turned on pressing button ≢D.

They are turned off pressing the button again or turning the sidelights off.

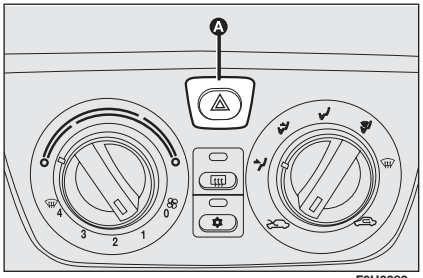


fig. 83 F0H0080m

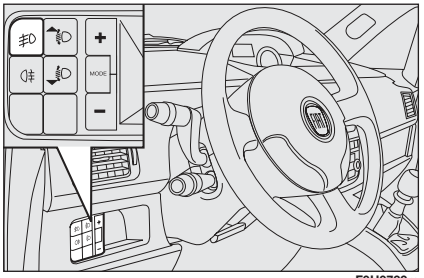


fig. 85 F0H0739m

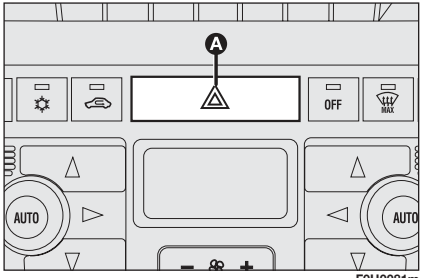


fig. 84 F0H0081m

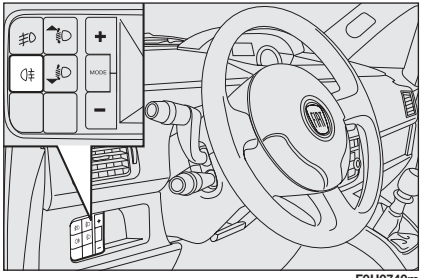


fig. 86 F0H0740m

WARNING

Use the hazard warning lights in compliance with local regulations.

REAR FOG LIGHTS fig. 86

These are turned on, with the dipped beam headlights or front fog lights on, pressing button ⧏.

They are turned off pressing the button again or turning off the dipped beam headlights or front fog lights.

INERTIAL FUEL CUT-OFF SWITCH

It is located next to the passenger's door pillar, at the bottom (move the covering aside to reach it) and it comes into operation in the case of a crash by cutting off fuel and switching off the engine.

When the fuel cut-off switch is on, warning light è (if any) comes on together with the message on the multifunction reconfigurable display.

Carefully inspect the car to find fuel leaks, e.g. in the engine compartment, under the car or near the tank.

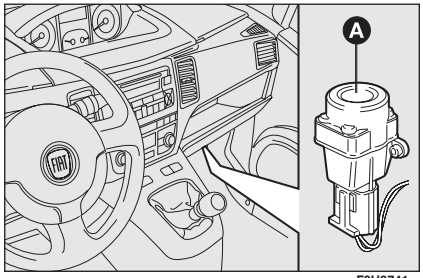


fig. 87

If no fuel leaks are found and the car can be started again, press button **A-fig. 87** to reset the fuel system and the lights.

After a crash, remember to turn the ignition key to **STOP** to prevent battery rundown.

WARNING

If, after an accident, you can smell petrol or see that the fuel feed system is leaking, to avoid the risk of fire, do not reset the switch.

INTERIOR EQUIPMENT

UPPER GLOVEBOX

Operate handle **A-fig. 88-89** to release the cover and lift it to a stable open position.

WARNING

Do not travel with the glove boxes open: risk of passenger's injury in case of accident.

ROOF ODDMENT COMPARTMENT (where fitted)

To use the compartments with "calipers" **fig. 90** opening, press the relevant buttons in the direction shown by the arrow.

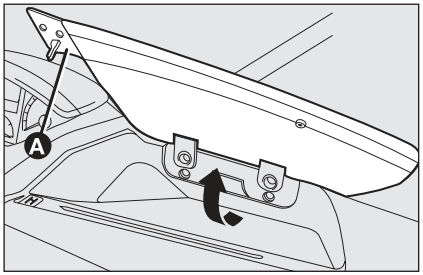


fig. 88

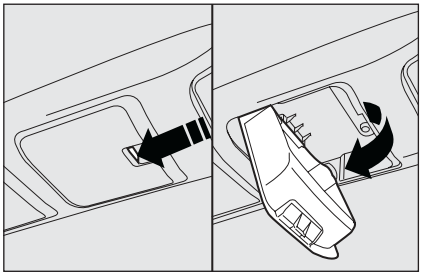


fig. 90

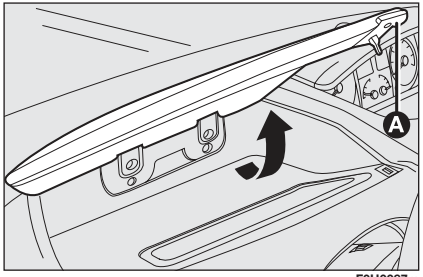


fig. 89

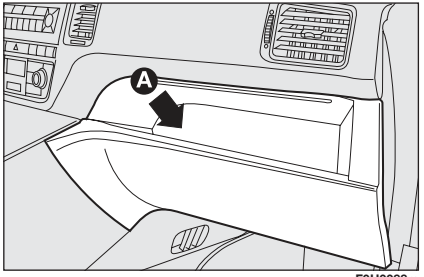


fig. 91

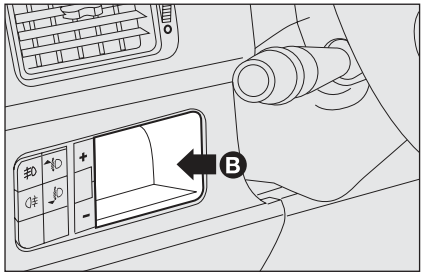
ODDMENT COMPARTMENTS

Compartment **A-fig. 91**, located in the dashboard, is in front of the front passenger.

Compartment **B-fig. 92**, located in the dashboard, is on the steering wheel left-hand side.

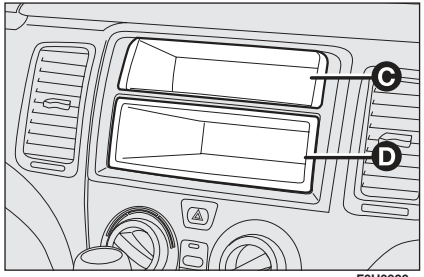
Compartment **C-fig. 93** and DIN compartment **D**, located in the dashboard, are in central position.

The DIN compartment **D** can be removed to install the sound system of the Lineaccessori Fiat.



F0H0714m

fig. 92



F0H0090m

fig. 93

DOOR POCKETS fig. 94

Each door has a pocket/oddment compartment.

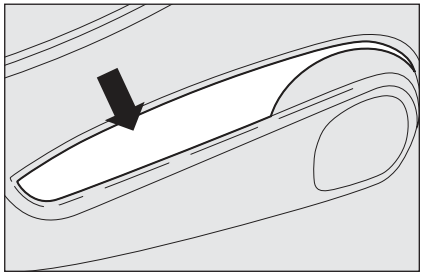

F0H0153m

fig. 94

GLASS/CAN HOLDER fig. 95

The central console houses the glass/can holders in front of the handbrake.

Cargo box (where provided) fig. 96

It is made up of a special preformed element, which is placed in the boot for cars with non sliding rear seat and can be used to house objects; this element provides load plane uniform level with depressed seat back.

MAGNETIC CARD/TICKET SLOTS fig. 97

The slots for holding magnetic cards and tickets (phone card, toll slips, etc.) can be found on the central tunnel unit.

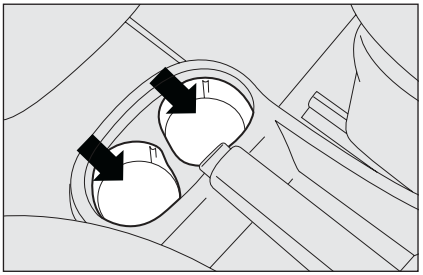

F0H0091m

fig. 95

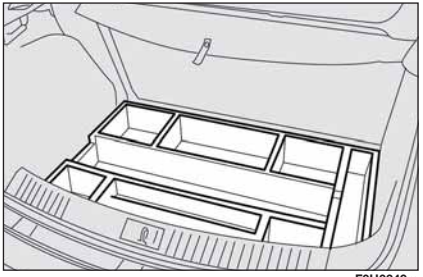

F0H0349m

fig. 96

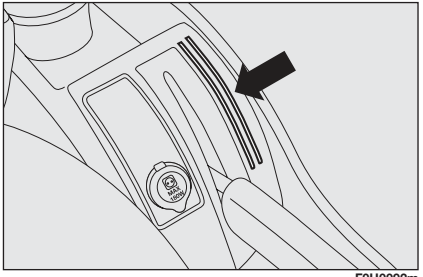

F0H0092m

fig. 97

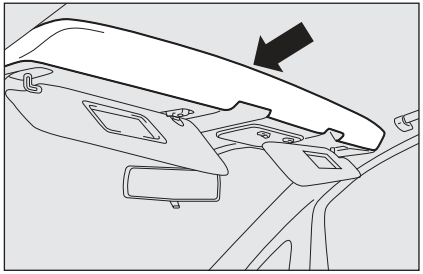


fig. 98

ROOF SHELF fig. 98

This shelf was designed to facilitate quick storage of light objects (e.g.: documents, road map, etc.).

IMPORTANT Do not put heavy objects on the shelf and do not lean on it.

The shelf is an alternative to the sunroof.

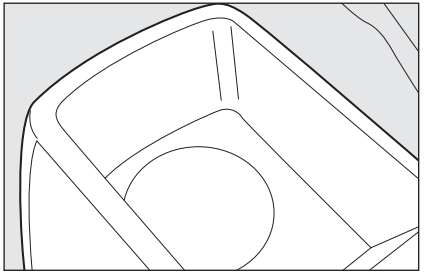


fig. 99

REAR CD COMPARTMENT WITH GLASS/CAN HOLDER fig. 99

On the central console, behind the hand-brake, there is a CD compartment with glass/can holder.

OUTLETS (12V)

They work only with the ignition key at **MAR**.

Outlet **A-fig. 100** is at the front

If the smokers' kit is fitted, the socket **A** is replaced by the lighter.

Where provided, the car can be fitted with outlet **C-fig. 101**, also on the luggage compartment left-hand side.

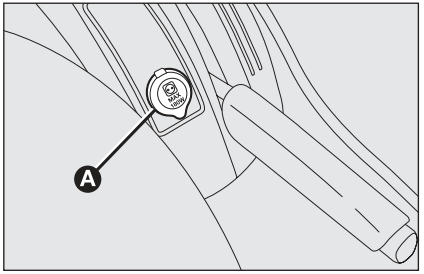


fig. 100

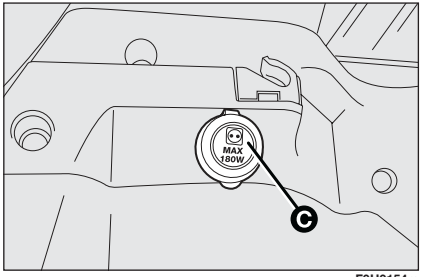


fig. 101

SMOKER'S KIT (where provided)

Cigar lighter

It is located on the central console **fig. 102**, at the side of the handbrake lever.

With the ignition key at **MAR**, press the button; after about 15 seconds the button will return to its initial position and ready for use.

IMPORTANT Always check that the cigar lighter has turned off.

Ashtray fig. 102

It consists of a removable plastic container with spring opening which can be positioned in the glass/can holder located on the central console.

IMPORTANT Do not use the ashtray as waste paper basket: it might set on fire in contact with cigarette stubs.

SUN VISORS

These are positioned to the sides of the rear-view mirror. They can swing to the sides and up or down.

According to versions, the back of the sun visor can be fitted with a courtesy mirror. Open the sliding wing **A-fig. 103** (where provided), to use the mirror.

WARNING

The cigar lighter gets very hot. Be careful how you handle it and make sure it is not used by children: danger of fire or burns.

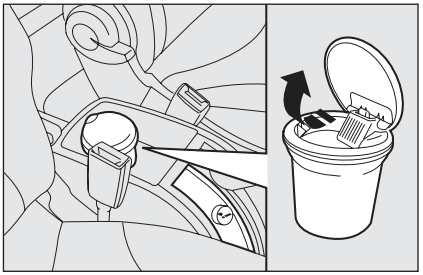


fig. 102

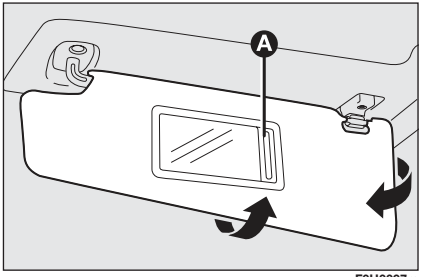


fig. 103

SUNROOF (where provided)

The sunroof is fitted with a safety anti-crushing system able to detect the presence of an obstacle during the window winding up; should it happen, the system stops and lowers the window.

The sunroof is fitted with a "skydome" consisting of two glass panels - one fixed and one moving - with sun visors operated manually in two positions (open/closed). The sunroof will only work when the ignition key is at **MAR**. The button, next to the front ceiling light, controls opening and closing.

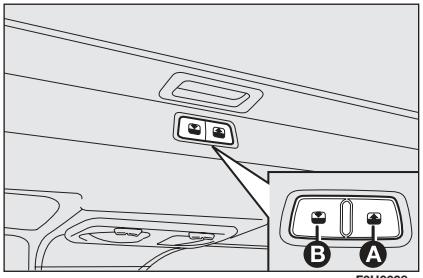


fig. 104

To open

Press and keep button **B-fig. 104** pressed so that the sunroof front glass panel reaches the "spoiler" position; press again button **B** and operate it for more than half a second, so that the sunroof glass reaches the travel end; the sunroof glass can be stopped in an intermediate position by operating the button again.

To close

From the complete opening position, press button **A-fig. 104** and operate it for more than half a second so that the sunroof front glass panel reaches the "spoiler" position; operate again the button to stop the sunroof glass in an intermediate position; press again button **A** and keep it pressed until complete closing.

EMERGENCY OPERATION

If the switch does not work, the sunroof can be operated manually as follows:

- ❒ remove the protective cover between the two sun visors
- ❒ take the provided Allen wrench
- ❒ insert the provided wrench into the seat **A-fig. 105** and turn it:
  - – clockwise to open the sunroof
  - – counter-clockwise to close the sunroof.

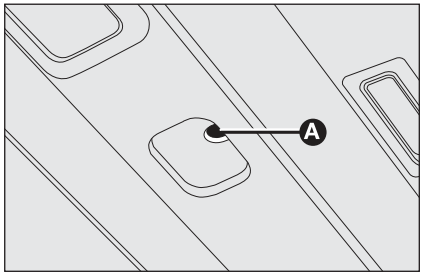


fig. 105

In case of cross roof rack, you are suggested to use the sunroof only in "spoiler" position.

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

WARNING

Always remove the ignition key when you get out of the car to prevent the sunroof being operated accidentally and constituting a danger to the people left in the car. The improper use of the sunroof can be dangerous. Before and during its operation ensure that any passengers are not at risk from the moving roof either by personal objects getting caught in the mechanism or by being injured by it directly.

POWER WINDOWS

For the 2-button version (only front power windows) **fig. 107** no type of automatism (either opening or closing) is provided. For the 4-button version (front and rear power windows) **fig. 106**, the driver side is provided with both opening and closing automatism, whereas the passenger side is only provided with opening automatism (where provided also closing automatism). Rear windows are only provided with opening automatism.

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

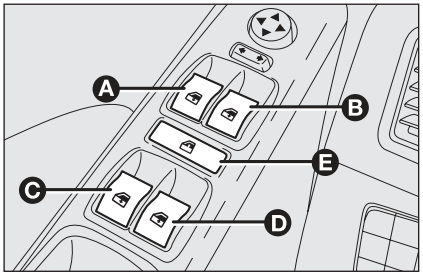


fig. 106

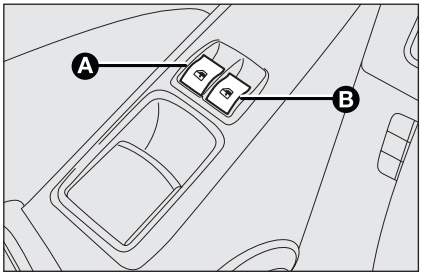


fig. 107

DRIVER'S DOOR

On the driver's door panel are set two or (where fitted) five switches for controlling, with ignition key at **MAR**:

A front left window opening/closing;

B front right window opening/closing;

C rear left window opening/closing (where fitted);

D rear right window opening/closing (where fitted);

E inhibitor of rear door switches (where fitted).

Continuous automatic operation (only for front windows, where provided)

Some versions with four power windows are provided with automatic raising and lowering actuation for the front window (driver side) and automatic lowering only actuation for the remaining windows.

A Buttons with continuous automatic operation both for lowering and raising the window;

B - C - D Buttons with continuous automatic operation only for window opening.

Pressing briefly one of the control buttons, the window moves "jerking" and it stops when the button is released.

PASSENGER'S DOOR AND REAR DOORS (where fitted)

On each door panel there is the switch for controlling the respective window.

WARNING

Improper use of the power windows can be dangerous. Before and during its operation ensure that any passengers are not at risk from the moving glass either by personal objects getting caught in the mechanism or by being injured by it directly. Always remove the ignition key when getting out of the car to prevent the power windows being operated accidentally and constituting a danger to the passengers in the car.

REAR MANUAL WINDOW CONTROLS (where fitted)

Operate the handle to open or to close the window **fig. 108**.

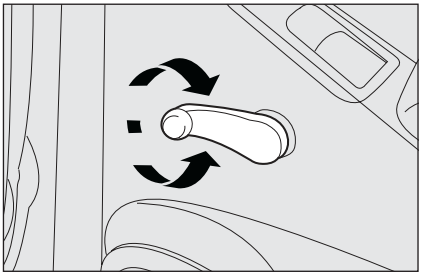


fig. 108

BOOT

The boot tailgate (when unlocked) can be opened only from the outside through the electric **fig. 109** opening handle set above the number plate holder.

If doors are unlocked the boot can be opened at any time.

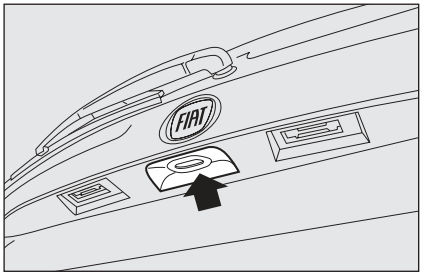
Through the set-up menu of the cluster display (see "Reconfigurable multifunction display" in the present chapter) it is possible to activate the "Key" option: in this way the boot is not unlocked together with the doors; to open it press button on the remote control **fig. 110**.

The tailgate opening is indicated by double flashing of direction indicators.

TAILGATE CLOSING

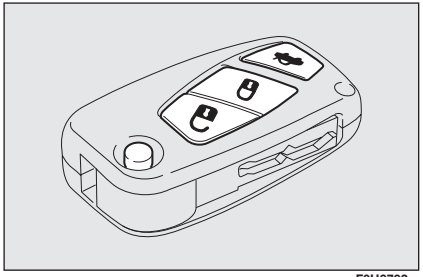
First lower the tailgate using the appropriate handles **fig. 111** and then push the tailgate until it clicks into place.

IMPORTANT If option "Key" is on, before closing the boot check whether you have with you the ignition key since the boot will be locked automatically.



F0H0742m

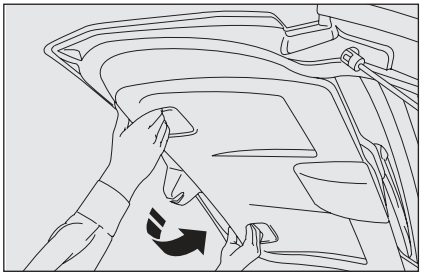
fig. 109



F0H0702m

fig. 110

The addition of objects (speakers, spoilers, etc.) on the rear shelf or boot lid, except those envisaged by the manufacturer, may prevent the gas filled struts at the sides of the boot from working properly.



F0H0105m

fig. 111

WARNING

When using the boot, make sure the loads do not exceed the permitted weight (see "Technical specifications" chapter). Also make sure the items in the boot are arranged properly to prevent them being thrown forwards and injuring passengers should you brake sharply.

WARNING

Never travel with objects on the rear shelf to prevent them being thrown forwards and injuring passengers in case of accident or sharp braking.

EMERGENCY OPENING OF TAILGATE

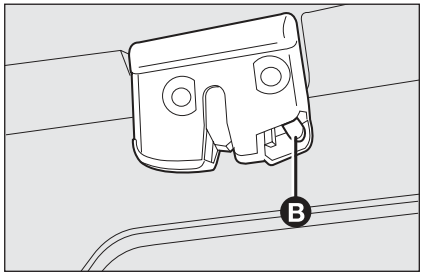
To succeed in opening the tailgate from the inside, should the car battery be flat, or because of a defect of the electric lock of the tailgate, proceed as follows (refer to "Extending the boot" in this section):

- ❒ remove the rear head restraints;
- ❒ tilt seat backrests to "table" configuration;
- ❒ tilt cushion / backrest completely.
- ❒ operate lever **B-fig. 112**, to obtain tailgate mechanical release, operating from the inside of the boot.

REMOVING THE REAR PARCEL SHELF

To remove the rear parcel shelf in order to extend the boot, proceed as follows:

- ❒ Front parcel shelf: release and turn the parcel shelf from its seat and release the two pins from the side seats **fig. 113**.
- ❒ Rear parcel shelf: release the two pins from the side seats



F0H0338m

fig. 112

EXTENDING THE BOOT WITH SLIDING SEAT

Before extending the boot, release the seat belt buckle (with black button, if fastened) and accompany the webbing in the reel to prevent it from twisting; insert the tongues, overlapping them, in the retaining system **A-fig. 114** inside the reel compartment.

Moving the seat backwards or forwards

The rear seat is of the double-seat type. It is possible to move the rear seat backwards or forwards from the boot using handles **B** or **C-fig. 115**; pull the handle and at the same time move the seats forwards. This makes it possible to extend the boot capacity.

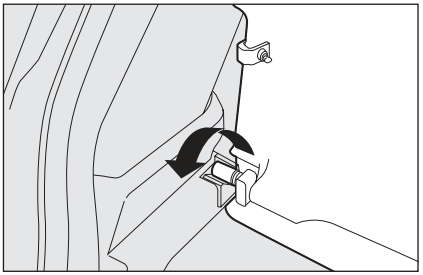
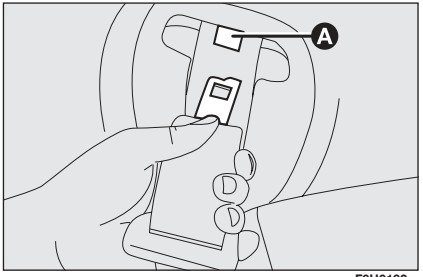

F0H0108m

fig. 113



F0H0132m

fig. 114

To extend the boot totally

Proceed as follows:

- ❒ remove the rear parcel and previously shown;
- ❒ make sure the headrests are completely lowered;
- ❒ use levers **D** and **E-fig. 116** to fold the rear seat backs on the cushions;
- ❒ make sure the seats are completely in backward position by means of handles **B** or **C-fig. 115**;
- ❒ use tapes **F** and **G-fig. 116** to tilt the seats completely.

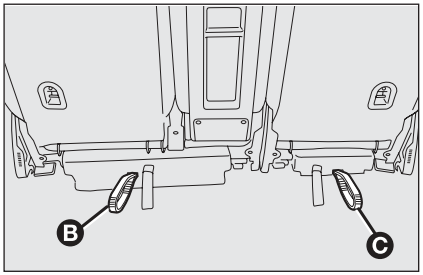
IMPORTANT Tilting is only possible with rear seats positioned completely backwards.

The tilted seats are fastened in this position by the action of the side struts.

Partial extension

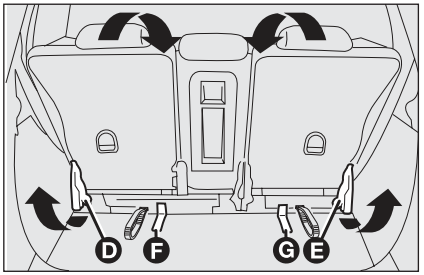
Operating the required part (right or left) of the seat in the same way it is possible to obtain partial extension of the boot **fig. 119**.

IMPORTANT For rear seat complete tilting it could be necessary to move the front seats forward.



F0H0048m

fig. 115

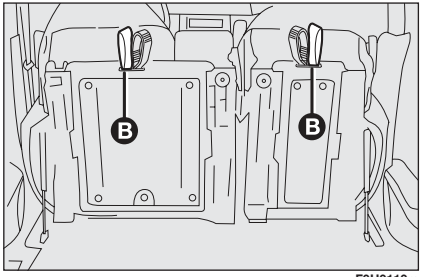


F0H0109m

fig. 116

WARNING

Never pull tapes B or C-fig. 115 with seats in load position as they will slide vertically thus hindering seat repositioning.



F0H0110m

fig. 117

To return the cushions on the floor

Use tapes **B-fig. 117** to return the cushions on the floor.

WARNING

If the central seat belt is fastened to the seat, release it before tilting the seat.

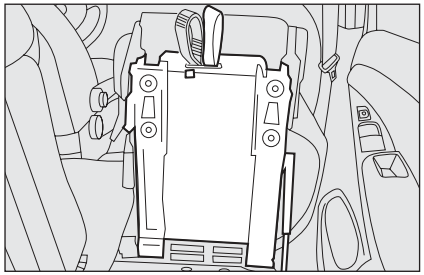

F0H0111m

fig. 118

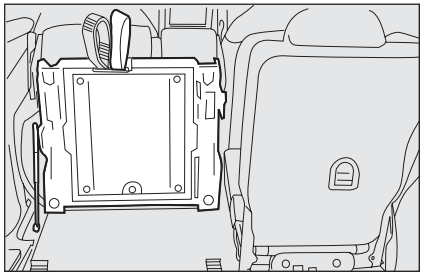

F0H0112m

fig. 119

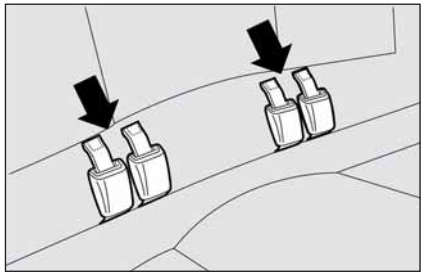

F0H0120m

fig. 120

WARNING

With table folded seats, in the event of a crash it can be dangerous to carry heavy objects on the rear seat back.

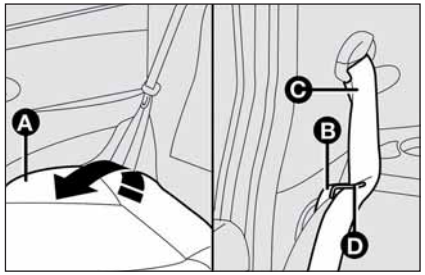
WARNING

The position of the rear seat backs folded on the respective cushions shall not be considered a loading position and therefore cannot bear heavy weights.

EXTENDING THE BOOT WITH FIXED SEAT

Proceed as follows:

- ❒ fasten the seat buckles to the tabs on the seat back **fig. 120** (as shown by arrows);
- ❒ check that the webbing **C-fig. 121** of each of the two side seat belts is inserted into the respective belt guiding catch **D-fig. 121**;
- ❒ raise the cushion **A-fig. 121** as shown in the figure



F0H0347m

fig. 121

- ❒ release the seat back moving the levers **B-fig. 121** as shown by the arrow. Tilt it to make a single loading surface with the boot floor;
- ❒ if vertical space must be increased, remove Cargo box (where provided) positioned under load plane mat.

BONNET

TO OPEN THE BONNET

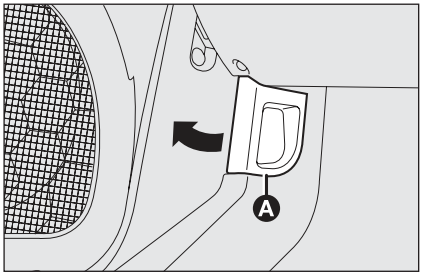
Proceed as follows:

- ❒ pull lever **A-fig. 122** in the direction of the arrow;
- ❒ move the lever **B-fig. 123** to the right as shown by the arrow;
- ❒ lift the bonnet and at the same time release the rod **C-fig. 124** from the clip **D**, then insert the rod end in its housing **E** on the bonnet.

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

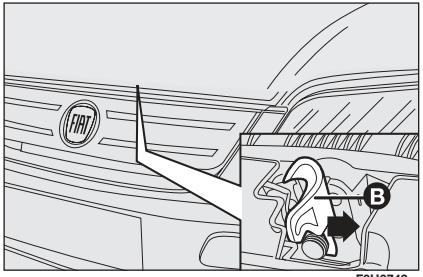
WARNING

For safety reasons the bonnet shall always be perfectly closed when travelling. Always check for proper bonnet locking. If the bonnet is left inadvertently open, stop the car immediately and close the bonnet.



F0H0113m

fig. 122



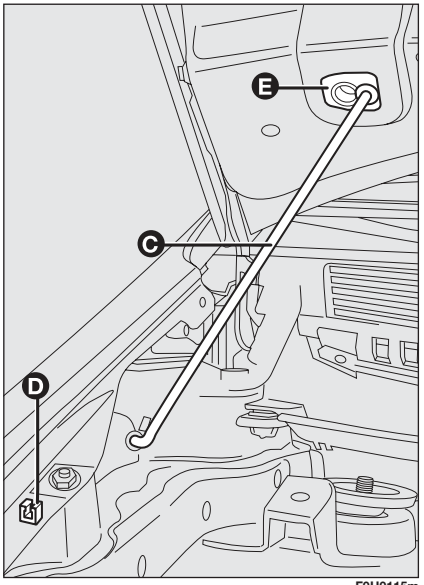
F0H0743m

fig. 123

TO CLOSE THE BONNET

Proceed as follows:

- ❒ hold the bonnet up with one hand and with the other remove rod **C-fig. 124** from recess **D** and replace it in its locking device **E**;



F0H0115m

fig. 121

- ❒ lower the bonnet at approx. 20 centimetres from the engine compartment and then let it drop, ensuring that it is fully closed and not just held in position by the safety catch. If the bonnet does not close properly, do not push it down but open it again and repeat the above procedure.

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

WARNING

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

WARNING

Carry out operations when the vehicle is stationary.

ROOF RACKS (where fitted)

IMPORTANT You are recommended to use the roof racks **fig. 125** available from Lineaccesori Fiat. Always attain to the installation instructions provided with the kit and have the roof racks installed by skilled personnel.

IMPORTANT Never exceed the max. permissible loads (see section "Technical specifications").

After few kilometers, check that fastening screws are firmly tightened.

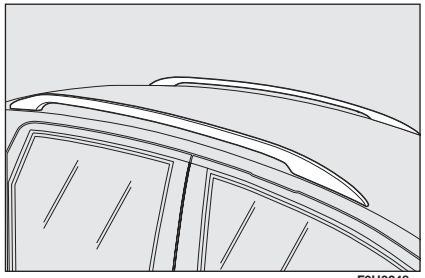


fig. 125

Never activate the sunroof with roof racks mounted.

HEADLIGHTS

ADJUSTING THE HEADLIGHT BEAM

Proper adjustment of the headlight beams is of vital importance for your safety and comfort and also for the other road users. To ensure you and other drivers have the best visibility conditions when travelling with the headlights on, the headlights must be set properly. Contact Fiat Dealership to have the headlights properly adjusted.

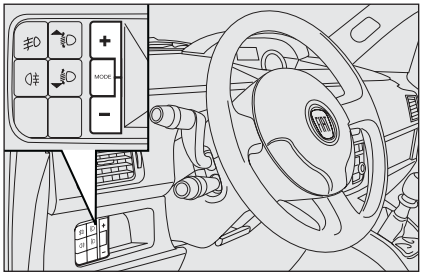
Headlight aiming device

The device can be operated with the ignition key at **MAR** and dipped beam headlights on. When the car is loaded, it slopes backwards. This means that the headlight beam rises. In this case, it is necessary to return it to the correct position.

To adjust the headlight slant fig. 126

To adjust the headlight slant operate buttons and located on the dashboard.

The display provides the visual indication of the positions during the adjustment operation.



F0H0736m

fig. 126

Position **0** - one or two people occupying the front seats.

Position **1** - five people.

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

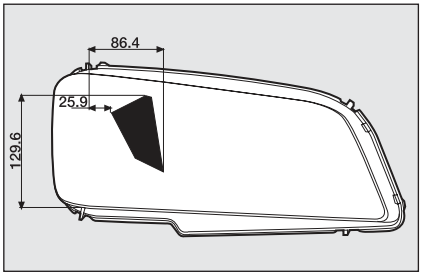
Position **3** - driver + maximum permissible load stowed in the boot.

IMPORTANT Check beam aiming every time the load carried changes.

HEADLIGHT ADJUSTMENT ABROAD

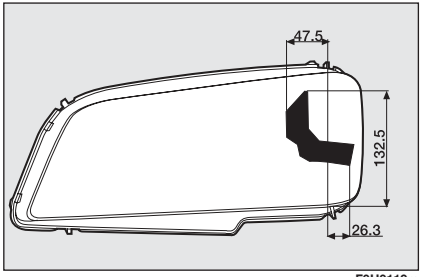
The dipped-beam headlights are adjusted for circulation in the country in which the vehicle is marketed.

In countries with opposite circulation, to avoid glaring oncoming vehicles, it is necessary to cover the areas of the headlight as shown below: this is done using non-transparent sticker tape.



F0H0118m

fig. 127



F0H0119m

fig. 128

Fig. 127-128 refer to passing from right-hand drive to left-hand drive.

ABS SYSTEM

If this is the first car with ABS you drive, get familiar with it by some preliminary "driving tests" on poor grip roadbeds, obviously under safety conditions and in compliance with the traffic regulations of the Country you are driving in. Read carefully the following instructions.

The car is fitted with an ABS braking system, which prevents the wheels from locking when braking, makes the most of road grip and gives the best control when emergency braking under difficult road conditions.

System is completed by EBD (Electronic Braking Force Distribution), which distributes the braking action between front and rear wheels.

IMPORTANT To have the maximum efficiency of the braking system, it is necessary a setting period of about 500 km: during this period it is better to avoid sharp, repeated and prolonged brakes.

ABS INTERVENTION

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

If the ABS system 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 WARNINGS

ABS failure

If there is a fault, the instrument panel warning light (ABS) will come on together with the message (where provided) on the reconfigurable multifunction display (see the "Warning lights" chapter).

In this case the braking system is still efficient, though without the aid of the ABS system. Drive carefully to the closest Fiat Dealership to have the system checked.

WARNING

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

WARNING

The ABS exploits the tyre-road grip at the best, but it cannot improve it; you should therefore take every care when driving on slippery surfaces without taking unnecessary risks.

EBD failure

It is signalled by lighting up of instrument panel warning lights (ABS) and (!) together with the message (where provided) on the reconfigurable multifunction display (see the "Warning lights" chapter).

In this case with sharp braking the rear wheels might lock too early, with the possibility of skidding. Drive extremely carefully to the nearest Fiat Dealership to have the system checked.

WARNING

When the ABS cuts in, and you feel the brake pedal pulsating, do not remove your foot, but keep it pressed; in doing so you will stop in the shortest amount of space possible under the current road conditions.

WARNING

If brake fluid low warning light (!) lights up on the instrument panel (together, where provided, with the message on the reconfigurable multifunction display), stop immediately the car and contact the closest Fiat Dealership. Fluid leaks from the hydraulic system, in fact, can compromise the braking system, both traditional systems and systems with ABS.

EOBD SYSTEM

The EOBD system (European On Board Diagnosis) allows continuos diagnosis of the components of the car correlated with emissions.

It also alerts the driver, by turning on the warning light on the instrument panel (together, where provided, with the message on the reconfigurable multifunction display - see the "Warning lights" chapter) when these components are no longer in peak conditions.

The objective is:

- ❒ to keep system efficiency under control;
- ❒ to warn when a fault causes emission levels to increase;
- ❒ to warn of the need to replace deteriorated components.

The system also has a diagnostic connector that can be interfaced with appropriate tools, 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 the traffic police.

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

If turning the ignition key to MAR, the warning light does not turn on or if, while travelling, it turns on glowing steadily or flashing, (on some versions together with the message on the reconfigurable multifunction display), contact Fiat Dealership as soon as possible. The operation of warning light can be checked by the traffic police. Attain to the rules enforced in the country where the car is being used.

SOUND SYSTEM (where fitted)

For the operation of the radio with CD or CD MP3, read the instructions for use given in the attached Supplement.

PRESET SYSTEM (where fitted)

The system consists of:

- ❒ radio power cables
- ❒ front and rear loudspeaker power cables
- ❒ aerial power cable
- ❒ 2 tweeters on front cross members (power 30W max each);
- ❒ 2 mid-woofers on front doors (diameter 165 mm, power 30W max each);
- ❒ 2 full-range on rear doors (diameter 165 mm, power 30W max each).

Sound system installation

The sound system shall be installed in place of the central lower **fig. 129** compartment: removing it you can see the power cables. To remove the glove compartment, press the points shown in the figure next to the retainers.

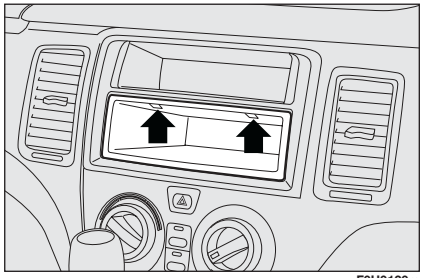


fig. 129

You are advised to have the sound system and the radio interference suppressor installed at a Fiat Dealership.

CELLULAR TELEPHONE PROVISION (where fitted)

The telephone provision is matched to the radio with CD or CD MP3 and consists of:

- ❒ dual-purpose aerial (sound system + cellular phone 900/1800 MHz), on the car roof;
- ❒ dual-purpose aerial connecting cable and wiring with 10-way connector.

The connector is located between the the steering column and the central console.

The hands-free kit must be purchased by the Customer since it must be compatible with the owned cellular phone. You are suggested to have the microphone installed next to the front ceiling light.

WARNING

The maximum power applicable on the aerial is 20W.

WARNING

Contact Fiat Dealership for the installation and connection of the cellular phone on the vehicle, to prevent any faults which might compromise the car safety.

ACCESSORIES PURCHASED BY THE OWNER

If, after buying the car, you decide to install electrical accessories that require a permanent electric supply (alarm, satellite antitheft system, etc.) or accessories that in any case burden the electric supply, contact Fiat Dealership, whose qualified personnel, besides suggesting the most suitable devices belonging to Lineaccessori Fiat, will also evaluate the overall electric absorption, checking whether the vehicle electric system is able to withstand the load required, or whether it needs to be integrated with a more powerful battery.

INSTALLATION OF ELECTRIC/ ELECTRONIC DEVICES

Electric/electronic devices installed after buying the car or in aftermarket shall bear the and marking:

Fiat Auto S.p.A. authorizes the installation of transceivers provided that installation is carried out at a specialized shop, workmanlike performed and in compliance with manufacturer's specifications.

IMPORTANT Installation of devices resulting in modifications of car characteristics may cause driving license seizing by traffic agents and also the lapse of the warranty as concerns defects due to the abovementioned modification or traceable back to it directly or indirectly.

Fiat Auto S.p.A. declines all responsibility for damages caused by the installation of non-genuine accessories or not recommended by Fiat Auto S.p.A. and installed not in compliance with the specified requirements.

RADIO TRANSMITTERS AND CELLULAR TELEPHONES

Radio transceiver equipment (e.g.: e-tacs mobile phones, HAM radio systems and the like) shall not be used inside the vehicle unless a separate aerial is mounted on the roof.

IMPORTANT The use of similar devices inside the passenger compartment (without separated aerial) produces radio-frequency electromagnetic fields which, amplified by the resonance effects inside the passenger compartment, may cause electrical systems equipping the vehicle to malfunction. This could compromise safety in addition to constituting a potential hazard for the passengers.

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

As concerns EC-approved mobile phones (GSM, GPRS, UMTS), strictly comply with the instructions for use provided by the mobile phone's manufacturer.

WARNING

Be careful when mounting additional spoilers, alloy rims and non original wheel caps: they may reduce the brake ventilation and efficiency during sharp and repeated braking or sloping downhill. Also make sure that nothing (over-carpeting, etc.) interferes with the pedal stroke.

"DUALDRIVE" ELECTRIC POWER STEERING SYSTEM

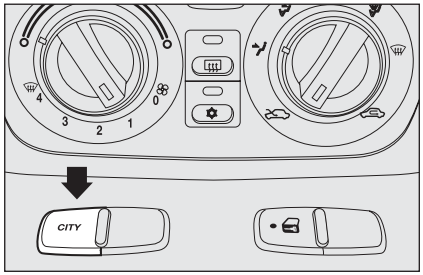
The car is fitted with an electrically controlled power steering called "Dualdrive". It only works when the ignition key is at **MAR** and the engine is running and it can be customised by the driver according to the driving conditions.

ACTIVATION/DEACTIVATION (CITY function)

To turn this function on/off, press the **CITY fig. 130** button located in the middle of the instrument panel.

On some versions the activation of this function is signalled by the lighting up of the **CITY** warning light on the instrument panel, on others by the lighting up of **CITY** on the reconfigurable multifunction display.

With the **CITY** function, the steering wheel will be lighter and require less effort for parking. This operating strategy is suitable for driving in cities.



F0H0716m

fig. 130

WARNING

It is absolutely forbidden to carry out whatever aftermarket operation involving steering system or steering column modifications (e.g.: installation of anti-theft device) that could badly affect performance and safety, cause the lapse of warranty and result in car non-compliance with the regulations in force.

FAILURE WARNINGS

Any electric power steering failure is indicated by cluster warning light coming on (together, where provided, with the message on the reconfigurable multifunction display - see the "Warning lights" chapter).

In the event of electric power steering failure, the car can be driven with mechanical steering to the closest Fiat Dealership.

IMPORTANT The steering may become slightly stiff following parking manoeuvres including a great deal of steering. This is normal and caused by the system to prevent motor overheating. No servicing is required. The electrical power steering system will return to normal operation the next time the car is used.

WARNING

Always switch the engine off, remove the key from the starting device and actuate the steering lock before carrying out any maintenance operation, especially when the wheels are raised from the ground. In case this is not possible (e.g. when the key must be in MAR position or the engine running), remove the electric power steering main fuse before carrying out any maintenance operation.

PARKING SENSORS (where provided)

The parking sensors are located on the rear bumper **fig. 131** and their function is to inform the driver, through an intermittent buzzer, about the presence of obstacles in the rear part of the car.

ACTIVATION

The sensors are automatically activated when the reverse gear is engaged.

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

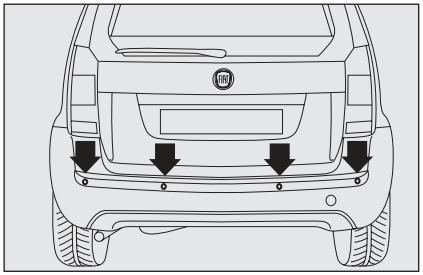


fig. 131

BUZZER WARNINGS

Engaging reverse gear, if an obstacle is located in the area behind the car, an intermittent sound signal activates.

The acoustic signal:

- ❒ becomes louder as the reduction of distance between the car and the obstacle decreases;
- ❒ becomes continuous when the distance between the car and the obstacle is less that 30 cm and stops if the distance raises;
- ❒ is constant if the distance is unvaried. If this situation takes place for side sensors, the signal is stopped after about 3 seconds to prevent sound indications when performing manoeuvres near walls.

Direction distances

The central detecting range varies according to car engine type/set-up version: detection range is 140 cm. For small size obstacles (or in case of parking deterrent blocks that are round shaped) it is 70 cm. Side detecting range is 60 cm.

If several obstacles are detected, the control unit indicates the nearest one.

FAILURE WARNINGS

See the "Warning lights and messages" chapter.

OPERATION WITH TRAILER

The system is preset for deactivating automatically when the trailer electric cable plug is fitted into the car tow hook socket.

Sensors are reactivated when removing the trailer cable plug.

GENERAL WARNINGS

- When parking, take the utmost care to obstacles set above or under the sensors.
- Objects set close to car rear part, under certain circumstances are not detected and could therefore cause damages to the car.
- Indications sent by the sensor can be altered by dirt, snow or ice deposited on the sensors or by ultrasound systems (e.g.: truck pneumatic brakes or pneumatic hammers) set nearby the car.

For proper operation, the parking sensors set on the bumpers shall be clean from mud, dirt, snow or ice. When cleaning the sensors, take the utmost care to prevent their damaging; do not use therefore dry or rough clothes. Sensors shall be washed with clean water and car detergent, if required. In washing stations, clean sensors quickly keeping the vapour jet/high pressure washing nozzles at 10 cm at least from the sensors.

WARNING

Parking manoeuvres however are always under the driver's responsibility that shall always check the absence of people, animals or objects in the manoeuvre space. This system is just a help for the driver but he shall never reduce important during dangerous manoeuvres even if performed at low speed.

AT THE FILLING STATION

PETROL ENGINES

Use only unleaded petrol.

To prevent errors, the diameter of the fuel tank filler is too small to introduce a lead petrol pump filler. Use petrol with a rated octane number (R.O.N.) not lower than 95.

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

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

MULTIJET ENGINES

Operation at low temperatures

If the outside temperature is very low, the diesel thickens due to the formation of paraffin and could cause the malfunctioning of the fuel system.

In order to avoid these problems, different types of diesel are distributed according to the season: summer type, winter type and arctic type (cold, mountain areas). If refuelling with diesel fuel not suitable for the current temperature, mix diesel fuel with TUTELA DIESEL ART additive in the proportions stated on the can, putting first the antifreeze in the tank and then the diesel fuel.

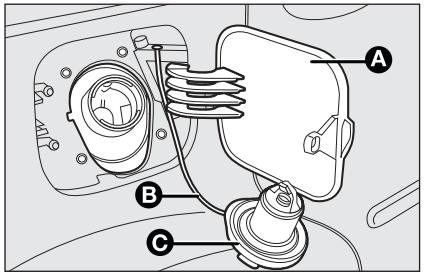
If driving or parking the vehicle for a long period in cold areas/mountains, refuel with the diesel fuel available at local filling stations.

In this situation you are also recommended to have in the tank an amount of fuel 50% higher than usable capacity.

REFUELLING

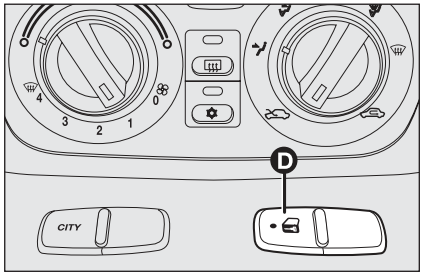
To guarantee full tank filling, carry out two refuelling operations after the first click of the fuel delivery gun. Avoid further topping up operations that could cause damages to the fuel system.

The car must only be filled with diesel fuel for motor vehicles, in compliance with European Standard EN590. The use of other products or mixtures may irreparably damage the engine with invalidation of the warranty due to the damage caused. In the event of accidentally filling with another type of fuel, do not start the engine and empty the tank. If the engine has been run even for only a very short time, in addition to the tank, it is also necessary to drain out the whole fuel circuit.



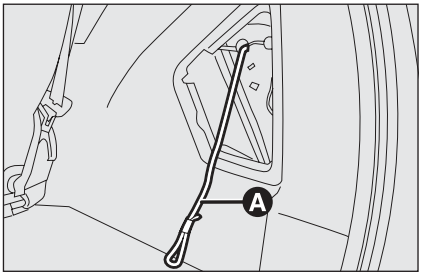
F0H0125m

fig. 132



F0H0717m

fig. 133



F0H0765m

fig. 134

FUEL FILLER CAP

Fuel lid opening depends on door lock/unlock: if the doors are locked (led on button ON), to refill the tank it is necessary to press the button **D-fig. 133** (led on the button OFF).

To fuel, open flap **A-fig. 132** and unscrew cap **C**.

Cap **C** is fitted with an anti-loss device **B** which fastens it inside the filler so it cannot be mislaid

The sealing of the tank may cause light pressurising in the tank. A little breathing off, while slackening the cap, is absolutely normal.

WARNING

Do not put naked flames or lighted cigarettes near the fuel filler hole as there is danger of fire. Do not bend too close to the hole either so as not to breathe in harmful vapours.

EMERGENCY OPENING OF THE FLAP

In an emergency it is possible to open the flap by pulling the cord **A-fig. 134**.

To reach the cord, remove the protective cover.

PROTECTING THE ENVIRONMENT

The devices for curtailing petrol engine emissions are the following:

- ❒ three-way catalytic converter;
- ❒ Lambda sensor;
- ❒ fuel evaporation system.

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

The devices for curtailing diesel fuel engine emissions are the following:

- ❒ oxidising catalytic converter;
- ❒ exhaust gas recirculation system (E.G.R.).
- ❒ diesel particulate filter (DPF)

DIESEL PARTICULATE FILTER (DPF) (for 1.3 Multijet versions 90 HP)

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 particular filter has been adopted to eliminate almost totally particulates in compliance with current / future law regulations.

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 particulates has been trapped by the filter.

Since this filter physically traps particulates, it shall be cleaned (reclaimed) at regular intervals by burning carbon particles.

Reclaiming procedure is controlled automatically by the engine control unit according to the filter conditions and the conditions of use of the vehicle.

During reclaiming the following phenomena could take place: idling slight increase, fan activation, slight smoke increase, high exhaust temperatures. These situations shall not be considered as faults and they do not affect vehicle performance and environment.

If the dedicated message is displayed, refer to paragraph “Warning lights and messages”.

WARNING

During normal service the catalyst reaches high temperatures. Do not therefore park the car over inflammable materials (grass, dry leaves, pine needles, etc.): fire hazard.

SAFETY DEVICES

SEAT BELTS

USING THE FRONT AND REAR SIDE SEAT BELTS

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

To fasten the belt, take hold the tongue **A-fig. 1** and insert it into the buckle **B**, until hearing the locking click.

At removal, if it jams, let it rewind for a short stretch, then pull it out again without jerking.

To unfasten the seat belts, press button **C-fig. 1**. Guide the seat belt with your hand while it is rewinding, to prevent it from twisting.

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

When the car is parked on a steep slope the reel mechanism may block; this is normal. The reel mechanism prevents the webbing coming out when it is jerked or if the car brakes sharply, in a collision or when cornering at high speed.

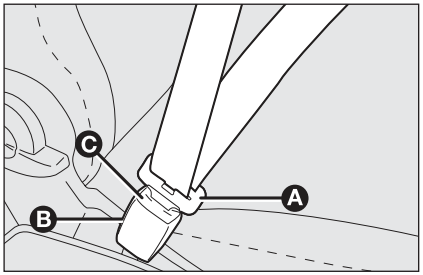


fig. 1 F0H0126m

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

Rear seat belts shall be worn as shown in diagram **D-fig. 2** (5-seat versions) or as shown in diagram **E-fig. 3** (4-seat versions).

WARNING

Do not press button C-fig. 1 during travelling.

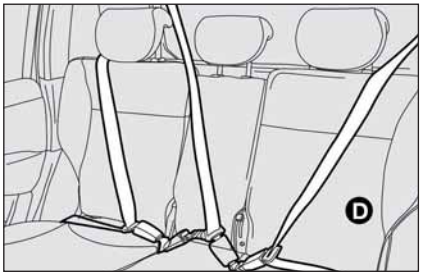


fig. 2 F0H0309m

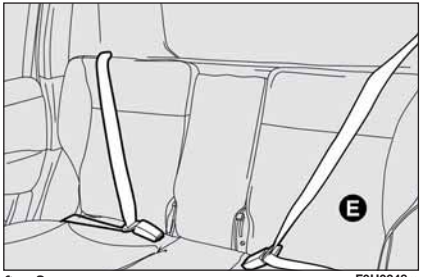


fig. 3 F0H0348m

S.B.R. system

The car is fitted with the S.B.R. system (Seat Belt Reminder), consisting of a buzzer which, together with the flashing of warning light on the instrument panel, warns the driver to fasten the seat belts.

The buzzer can be deactivated (until the the next engine stop) as follows:

- ❒ fasten the driver's seat belt.
- ❒ turn the ignition key to **MAR**
- ❒ wait for over 20 seconds and then release at least one of the seat belts.

For permanent deactivation, contact Fiat Dealership.

On versions fitted with reconfigurable multifunction display (Comfort) it is possible to reset the S.B.R. system only through the set-up menu (see "Warning lights and messages" section at paragraph "Unfastened seat belts").

For the other versions system can be reset only by Fiat Dealership.

FRONT SEAT BELT HEIGHT ADJUSTMENT (where provided)

Always adjust the height of the seat belt to fit the person wearing it. This precaution could greatly reduce the risk of injury in case of collision.

Correct adjustment is obtained when the belt passes half way between the end of the shoulder and the neck.

To adjust the seat belt, raise or lower knob **A-fig. 4** of the locking mechanism, moving at the same time the loop **B** to the best of the available positions.

WARNING

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

USING THE CENTRAL SEAT BELT (where provided)

The seat belt has two webbings and a double buckle.

To use the seat belt, take tongues **H** and **P-fig. 5** from their seats in the reel compartment and pull the seat belt sliding the webbing carefully without twisting or jerking it, then fasten the tongue **G-fig. 6** in buckle **L** with button **M**.

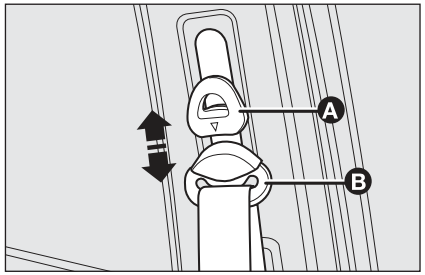


fig. 4

WARNING

Make the height adjustment when the car is stationary.

WARNING

After adjustment, always check that the slider is anchored in one of the positions provided. To do this, with the button released, exert a further pressure to allow the anchor device to catch if release did not take place at one of the preset positions.

To wear the seat belt: slide the webbing and insert the tongue **I-fig. 6** into buckle **N**.

To fasten the seat belt: press button **O** and accompany the webbing to avoid twisting it.

Extending the luggage compartment: release the buckle by pressing button **M-fig. 6** and accompany the webbing to avoid twisting it; insert tongue **I** in seat **P** and tongue **G** in seat **H** inside the reel compartment.

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

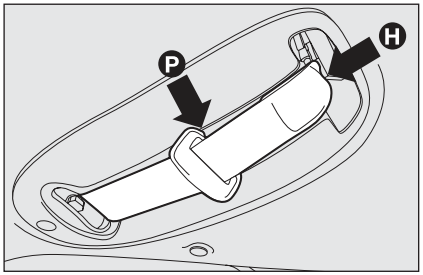


fig. 5 F0H0311m

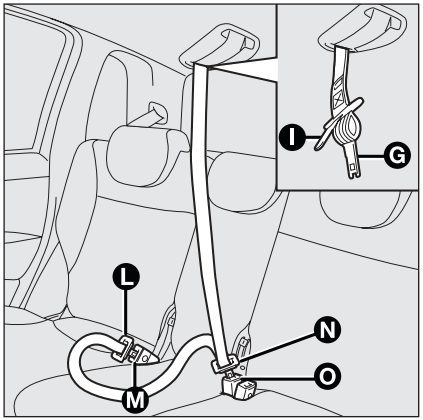


fig. 6 F0H0310m

WARNING

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

PRETENSIONERS

To increase the efficiency of the seat belts, the vehicle is fitted with pretensioners. These devices, in the event of a violent crash, rewind the seat belts 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 locks to indicate that the device has intervened; the seat belt cannot be drawn back up even when guiding it manually.

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

A small amount of smoke may be produced. This smoke is in no way toxic and presents no fire hazard.

The pretensioner does not require any maintenance or greasing.

Anything that modifies its original conditions invalidates its efficiency.

If due to unusual natural events (floods, sea storm, etc.) the device has been affected by water and mud, it must necessarily be replaced.

WARNING

The pretensioner can only be used once. After a collision that has triggered it, have it replaced at a Fiat Dealership. Pretensioner validity is written on the plate set on the upper oddment compartment on passenger side. Pretensioners should be replaced at Fiat Dealership as this 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's safety, the front seat belt reels contain a load limiter which allows controlled sag in such a way as to dose the force acting on the chest and shoulders during the belt restraining action in case of front crash.

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

The driver must comply with (and have the vehicle occupants follow) all the local legal regulations concerning the use of seat belts. Always fasten the seat belts before starting.

Seat belts are also to be worn by expectant mothers: the risk of injury in the case of accident is greatly reduced for them and the unborn child if they are wearing a seat belt.

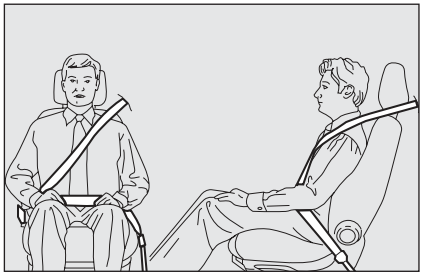


fig. 8 F0H0134m

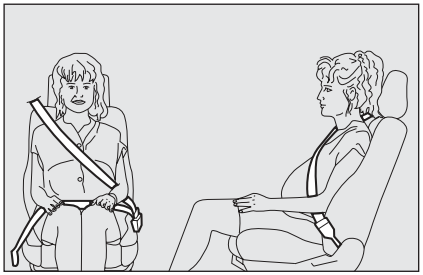


fig. 7 F0H0133m


fig. 9 F0H0135m

Of course they must position the lower part of the belt very low down so that it passes under the abdomen (**fig. 7**).

WARNING

The belt should not be twisted. The upper part should pass over the shoulder and cross the chest diagonally. The lower part should adhere to the pelvis and not the abdomen of the passenger. Do not use any objects (pegs, stoppers, etc.) to keep the belts away from the 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. Make sure that the seat belts of the front and rear passengers are fastened at all times! You increase the risk of serious injury or death in a collision if you travel with the belts unfastened.

WARNING

Under no circumstances should the components of the seat belts and pretensioners be tampered with or removed. Any operation should be carried out by qualified and authorised personnel. Always contact 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 pretensioners. In fact, even if the belt has no visible defects, it could have lost its resilience.

WARNING

Never travel with a child sitting on the passenger's lap with a single belt to protect them both. Do not fasten other objects to the body.

HOW TO KEEP THE SEAT BELTS ALWAYS IN EFFICIENT CONDITIONS

- ❒ Always use the belt with the tape taut and never twisted; make sure that it is free to run without impediments.
- ❒ After a serious accident, replace the belt being worn at that time, even if it does not appear damaged. Always replace the seat belts if pretensioners have been activated.
- ❒ To clean the belts, wash by hand with neutral soap, rinse and leave to dry in the shade. Never use strong detergents, bleach or dyes or other chemical substance that might weaken the fibres.
- ❒ Prevent the reels from getting wet: their correct operation is only guaranteed if water does not get inside.
- ❒ Replace the seat belt when showing significant wear or cut signs.

CARRYING CHILDREN SAFELY

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

This is even more important for children.

According to 2003/20/EC Directive, this prescription is compulsory for all European Community countries.

Compared with adults, their head is proportionally larger and heavier than the rest of the body, while the muscles and bone structure are not completely developed. Therefore, correct restraint systems are necessary, other than adult seat belts. The results of research on the best child restraint systems are contained in the European Standard ECE-R44. This Standard enforces the use of restraint systems classified in five groups:

Group 0 0-10 kg in weight

Group 0+ 0-13 kg in weight

Group 1 9-18 kg in weight

Group 2 15-25 kg in weight

Group 3 22-36 kg in weight

As it may be noted, the groups overlap partly and in fact, in commerce it is possible to find devices that cover more than one weight group.

All restraint devices must bear the certification data, together with the control brand, on a solidly fixed label which must absolutely never be removed.

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

Lineaccessori Fiat offers seats for each weight group, which are the recommended choice, as they have been designed and experimented specifically for Fiat cars.

WARNING

With passenger's air bag active, never place child's seats with the cradle facing backwards since the air bag activation could cause to the child serious injuries, even mortal, regardless of the seriousness of the crash that triggered it. You are advised to carry children always with proper restraint systems on the rear seats, as this is the most protected position in the case of a crash.

WARNING

SIGNIFICANT DANGER If it is necessary to carry a child on the passenger side front seat with a child seat facing the back of the car, the passenger airbags (front airbag, where provided, and side airbag on seat), must be disabled by means of the menu of the reconfigurable multifunctional display, directly verifying the actual disablement by means of the light " located on the dashboard (see section "Manual disablement of front and side passenger air bag"). The passenger seat must be adjusted in the rearmost position, to avoid any contact of the child seat with the dashboard.

WARNING

Seats exist which are suitable for covering weight groups 0 and 1 with a rear connection to the vehicle belts and their own belts to restrain the child. Due to their size, they can be dangerous if installed incorrectly fastened to the car belts with a cushion. Carefully follow the instructions for installation provided with the seat.

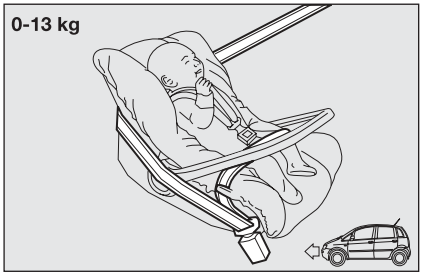


fig. 10 F0H0136m

GROUP 0 and 0+ fig. 10

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

The cradle is restrained by the car seat belts and in turn it must restrain the child with its own belts.

WARNING

The figure is only an example for mounting. Attain to the instructions for fastening which must be enclosed with the specific child restraining system you are using.

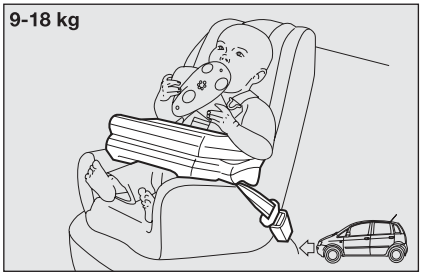


fig. 11 F0H0137m

GROUP 1 fig. 11

Starting from 9 kg to 18 kg in weight, children may be carried facing forwards, with seat fitted with front cushion, through which the car seat belt restrains both child and seat.

WARNING

Seats exist which are suitable for covering weight groups 0 and 1 with a rear connection to the vehicle belts and their own belts to restrain the child. Due to their size, they can be dangerous if installed incorrectly fastened to the car belts with a cushion. Carefully follow the instructions for installation provided with the seat.

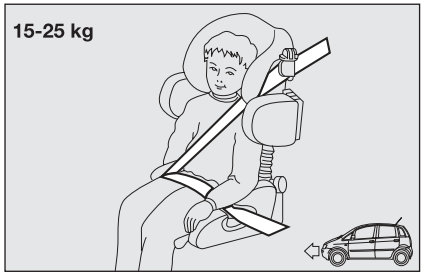


fig. 12 F0H0138m

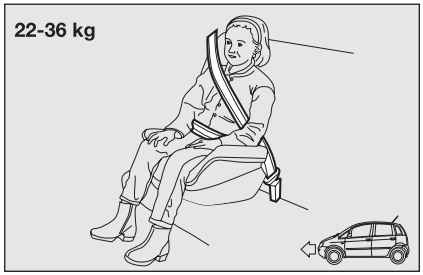


fig. 13 F0H0139m

GROUP 2 fig. 12

Starting from 15 kg to 25 kg in weight, children may be restrained directly by the car belts. 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 clings to the child's pelvis and not the abdomen.

WARNING

Seats exist which are suitable for covering weight groups 0 and 1 with a rear connection to the vehicle belts and their own belts to restrain the child. Due to their size, they can be dangerous if installed incorrectly fastened to the car belts with a cushion. Carefully follow the instructions for installation provided with the seat.

Group 3 fig. 13

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

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

Children taller than 1.50 m can wear seat belts like adults.

WARNING

The figure is only an example for mounting. Attain to the instructions for fastening which must be enclosed with the specific child restraining system you are using.

PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON CHILD'S SEAT USE

This vehicle complies with the new European Directive 2000/3/CE regulating child's seat assembling on the different car seats according to the following table:

Group	Range of weight	SEAT		
		Front passenger	Rear passenger side	Central passenger rear
Group 0, 0+	until 13 kg	U	U	*
Group I	9-18 kg	U	U	*
Group 2	15-25 kg	U	U	*
Group I	22-36 kg	U	U	*

Key:

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

* Never mount child restraint systems on the rear central seat.

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

- ❒ The recommended position for installing children's seat is on the rear seat, as it is the most protected in the case of a crash.
- ❒ If the passenger's air bag is deactivated (where required) always check the amber yellow warning light on the cluster to make sure that it has actually been deactivated.
- ❒ Attain to the instructions for fastening the specific child restraint system which you are using. These instructions must be provided by the manufacturer. Keep the child restraint system installation instructions with the car documents and this Handbook. Never use a child restraint system without installation instructions.
- ❒ Always check the seat belt is well fastened by pulling the webbing.
- ❒ Only one child is to be strapped to each retaining system.
- ❒ Always check the seat belts do not fit around the child's throat.
- ❒ While travelling, do not let the child sit incorrectly or release the belts.
- ❒ Passengers should never carry children on their laps. No-one, however strong they are, can hold a child in the event of a crash.
- ❒ In case of an accident, replace the seat with a new one.

WARNING

With passenger's air bag active, never place child's seats with the cradle facing backwards since the air bag activation could cause to the child serious injuries, even mortal, regardless of the seriousness of the crash that triggered it. You are advised to carry children always with proper restraint systems on the rear seats, as this is the most protected position in the case of a crash.

ISOFIX CHILD RESTRAINT ASSEMBLY SETUP

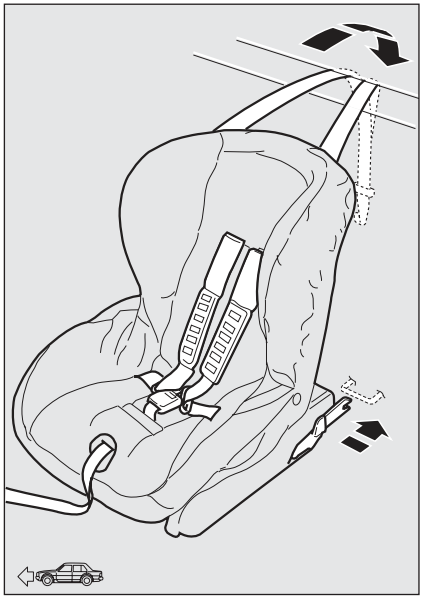
Provision has been made on the car to mount a Universal Isofix child restraint system, a new European standardised system for carrying children safely.

Isofix systems can be mounted simultaneously with a traditional restraint system.

An example of child seat is shown in **fig. 14**.

The Universal Isofix child seat covers weight group: 1.

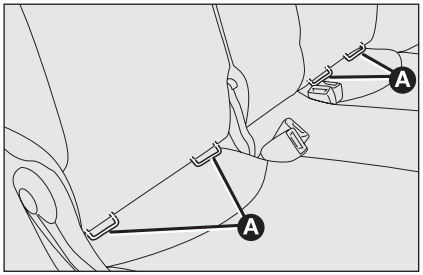
Specific Isofix child seats cover the other weight groups. These seats must be designed, tested and type-approved specifically for this car (refer to the list of cars attached to the child seat).



F0H0019m

fig. 14

As the attachment system is different, the child seat must be secured using the lower metal rings **A-fig. 15** positioned between the backrest and rear bag. Then, fit the upper belt (provided with the child seat) in the supplied ring **D-fig. 16** located at the back of the backrest near the child seat.



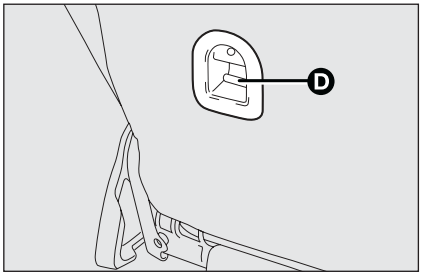
F0H0140m

fig. 15

Remember that only Universal Isofix child seats bearing the type-approval text "ECE R44/03 Universal Isofix" can be used.

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

For further details about the installation/use of child seats, refer to the "Instructions Manual" of the child seat.



F0H0143m

fig. 16

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 manufacturer must supply with the child seat.

PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON UNIVERSAL ISOFIX CHILD SEAT USE

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

Weight group	Orientation child seat	Class Isofix size	Isofix position rear side
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 1 from 9 up 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 Isofix child restraint systems facing forwards, universal class (fitted with third upper fastener), type-approved for the relevant weight group.

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

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

FRONT AND SIDE AIR BAGS

The car is fitted with front air bags for the driver and for the passenger, and window bags (head protection system); upon request the car can be fitted also with front side bags;

The front air bag (driver and passenger) has been designed to protect the occupants in the event of head-on crashes of medium-high severity, by placing the cushion between the occupant and the steering wheel or dashboard.

Front air bags are designed to protect car's occupants in front crashes and therefore non-activation in other types of collisions (side collisions, rear shunts, rollovers, etc.) is not a system malfunction.

In case of crash, an electronic control unit, when required, triggers the inflation of the cushion.
The cushion immediately inflates, placing itself as a protection between the body of the front occupants and the structure that could cause injuries. Immediately after, the cushion deflates.

The front air bag (driver and passenger) is not a replacement of but complementary to the use of belts, which should always be worn, as specified by law in Europe and most non European countries.

In case of crash, a person not wearing the seat belt moves forward and may come into contact with the cushion while it is still inflating. Under this circumstance the protection offered by the air bag is reduced.

Front air bag may not be activated in the following situations:

- ❒ in collisions against highly deformable objects not affecting the vehicle front surface (e.g. bumper collision against guard rail, etc.);
- ❒ in case of wedging under other vehicles or protective barriers (for example under a truck or guard rail), the air bag is not triggered as it offers no additional protection compared with the seat belts, consequently it would be pointless. Therefore, failure to come into action in the above circumstance does not mean that the system is not working properly.

The driver's and passenger's front Air bags have been designed and calibrated to improve the protection of a person wearing seat belts.

At its maximum inflation, its volume fills most of the space between the dashboard and the passenger.

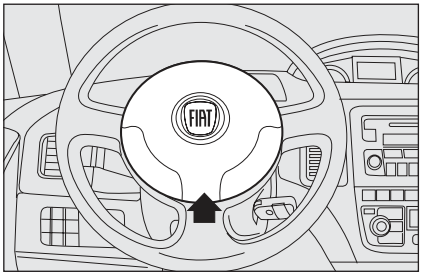


fig. 17 F0H0746m

DRIVER'S FRONT AIR BAG fig. 17

It consists of an instant-inflating cushion contained in a special recess in the centre of the steering wheel.

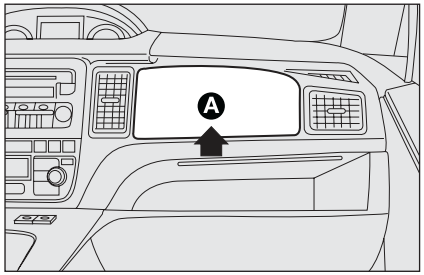


fig. 18

PASSENGER'S FRONT AIR BAG fig. 18

It consists of an instant-inflating cushion contained in a special recess **A** in the dashboard and the cushion has a volume bigger than that of the driver.

In minor crashes (for which the restraining action of the seat belts is sufficient), the air bags are not deployed. Also in this case it is of vital importance to wear the seat belts since in case of side crash they guarantee proper positioning of the occupant and prevent the occupants to be pitched out of the car in case of violent crashes.

WARNING

Do not apply stickers or other objects on the steering wheel, in area A-fig.18 of the passenger's air bag or on the side covering. Never put objects on the dashboard on the passenger's side because they may interfere with the correct air bag deployment and cause serious injuries to the car occupants.

WARNING

SERIOUS DANGER: The car is fitted with an air bag on the passenger's side. Never place cradle child's seats on the front passenger's seat of cars fitted with passenger's air bag since the air bag activation could cause serious injuries, even mortal.

WARNING

On cars provided with front passenger's air bag, the air bag shall be deactivated when placing a child' seat on the front passenger's seat. The front passenger seat shall be adjusted in the most backward position to prevent any contact between child' seat and dashboard. Even if not compulsory by law, you are recommended to reactivate the air bag immediately as soon as child transport is no longer necessary.

MANUAL DEACTIVATION OF FRONT AIRBAG AND SIDE BAGON PASSENGER'S SIDE (where provided)

Whenever a child needs to be carried on the front seat, the passenger's front airbag and the Side Bag (where provided) must be deactivated.

The warning light on the instrument panel stays on steadily until the passenger's front airbag and the Side Bag (where provided) are re-activated.

WARNING

To manually deactivate the passenger's front airbag and the Side Bag (where provided), refer to paragraph "Multifunctional reconfigurable display" in section "Dashboard and controls".

SIDE AIR BAGS (where fitted) (Side bag - Window bag)

SIDE BAGS fig. 19

They are formed of an instantaneously-inflating cushion housed in the back rest of front seats and their task is to increase protection of the occupants in the event of a side crash of medium-high severity.

Covers for Side bag seats are available at Lineaccessori Fiat.

WARNING

Do not cover the back rest of front seats with trims or covers there are not set for the use of side bags.

WINDOW BAGS fig. 20

They are "curtain" cushions located behind the side coverings of the roof and covered by proper finishings, studied for the head protection to offer the best protection to the front and rear occupants in the event of side crash, thanks to the wide cushion inflation surface.

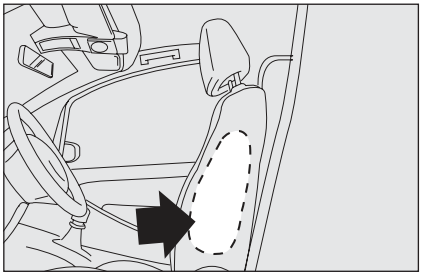


fig. 19 F0H0147m

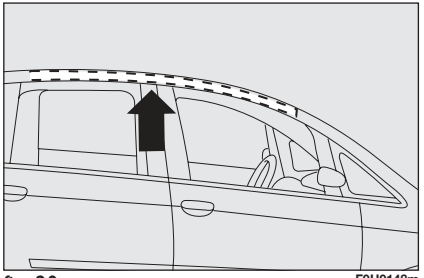


fig. 20 F0H0148m

The side air bag is not a replacement of but complementary to the use of belts, which should always be worn, as specified by law in Europe and most non European countries.

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

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

IMPORTANT When the air bag inflates it emits a small amount of dusts. These dusts are harmless and is not the beginning of a fire; then the unfold cushion surface and the car interiors can be covered by a dusty remains: this dust can irritate skin and eyes. In case of contact, wash yourself using neutral soap and water.

The air bag system has a validity of 14 years as to the pyrotechnic charge, and 10 years as to the twisted contact. As this date approaches, contact Fiat Dealership to have it replaced.

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

All check, repair and replacement operations concerning the air bags must only be carried out c/o Fiat Dealership.

If you are having the car scrapped, have the air bag system deactivated at a Fiat Dealership first. If the car changes ownership, the new owner must be informed of the method of use of air bags and the above warnings and also be given this "Owner handbook".

IMPORTANT The triggering of pretensioners, front air bags and front side bags is decided in a differentiated manner. The failure to deploy one or more of them does not mean that the system is not working properly.

WARNING

Never rest head, arms and elbows on the door, on the windows and in the window bag area to prevent possible injuries during the inflation phase.

WARNING

Never put head, arms and elbows out of the window.

GENERAL WARNINGS

WARNING

If warning light does not come on when turning the key to MAR or if it stays on when travelling it could indicate a failure in restraint systems; in this case air bags or pretensioners could not trigger in the event of an accident, or in a restricted numbers of cases they could trigger accidentally. Stop the car and contact Fiat Dealership to have the system checked immediately.

WARNING

Do not cover the back rest of front seats with trims or covers there are not set for the use of side bags.

WARNING

Always keep your hands on the steering wheel rim when driving, so that if the air bag is triggered, it can inflate without meeting any obstacles which could cause serious harm to you. Do not drive with the body bent forwards, keep the seat back rest in the erect position and lean your back well against it.

WARNING

If the car has been stolen or an attempt to steal it has been made, if it has been subjected to vandals or floods, have the air bag system checked by Fiat Dealership.

WARNING

Remember that with the key engaged and in the MAR position, even with the engine not running, the air bags may be triggered on a stationary vehicle if it is bumped by another moving car. Therefore, never seat children on the front seat even when the vehicle is stationary. On the other hand remember that if the key is at STOP, no safety system (air bags or pretensioners) is triggered in the event of an impact; in these case, failure to come into action cannot be considered as a sign that the system is not working properly.

WARNING

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

WARNING

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

WARNING

Do not wash the seat back rest with pressurised water or steam (by hand or at automatic seat washing stations).

WARNING

The front air bag is triggered for shocks greater in magnitude than the pretensioners. For impacts between these two thresholds, it is therefore normal that only the pretensioners are triggered.

WARNING

Do not hook rigid objects to the coat hooks and to the support handles.

WARNING

The air bag does not substitute the seat belts, but only increases their effectiveness. Moreover, since the front air bags do not come into operation in the event of front impact at low speed, side collisions, bumps from behind or overturning, in these circumstances the occupants would only be protected by the seat belts which must therefore always be fastened.

CORRECT USE OF THE CAR

ENGINE STARTING

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

The engine may be noisier than usual during the first seconds of operation, especially after it has not been used for a while. This characteristic feature of the hydraulic tappet system does not compromise functionality or reliability. The system devised for the Fiat Idea was designed to limit maintenance interventions.

STARTING PROCEDURE FOR PETROL VERSIONS

Proceed as follows:

- ❒ Ensure that the handbrake is up;
- ❒ Put the gear lever into neutral;
- ❒ Press the clutch pedal down to the floor without touching the accelerator;
- ❒ Turn the ignition key to **AVV** and let it go the moment the engine starts.

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

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

If you are still unable to start the engine, perform the emergency start-up procedure (see "Emergency start-up" in section "In an emergency") and contact Fiat Dealership.

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

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

When the engine is switched off never leave the ignition key in the MAR position to prevent pointless current absorption from draining the battery.

WARNING

Running the engine in confined areas is extremely dangerous. The engine consumes oxygen and produces carbon monoxide which is a highly toxic and lethal gas.

STARTING PROCEDURE FOR Multijet VERSIONS

Proceed as follows:

- ❒ Ensure that the handbrake is up;
- ❒ Put the gear lever into neutral;
- ❒ Turn the ignition key to **MAR**: the warning lights , and will light up on the instrument panel;
- ❒ Wait for the warning lights and . The hotter the engine is, the quicker this will happen;
- ❒ Press the clutch pedal down to the floor without touching the accelerator;

❒ Turn the ignition key to **AVV** as soon as warning light m goes out. If you wait too long you will lose the benefit of the work done by the glow plugs. Release the key as soon as the engine starts.

IMPORTANT With cold engine, the accelerator pedal shall be completely released while turning the ignition key to **AVV**.

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

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

If you still cannot start the engine, contact Fiat Dealership.

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

The warning light will flash for 60 seconds at start-up or during prolonged cranking to signal a fault in the glow plug heating system. You can use the car as usual if the engine starts but you should contact a Fiat Dealership as soon as possible.

HOW TO WARM UP THE ENGINE AFTER IT HAS JUST STARTED (petrol and Multijet versions)

Proceed as follows:

❒ Drive off slowly, letting the engine turn at medium revs. Do not accelerate abruptly;

❒ Do not drive at full performance for the initial kilometres. Wait until the coolant temperature gauge starts moving.

STOPPING THE ENGINE

Turn the ignition to **STOP** while the engine is idling.

IMPORTANT After a taxing drive, you should allow the engine to "catch its breath" before turning it off by letting it idle to allow the temperature in the engine compartment to fall.

Never bump start the engine by pushing, towing or coasting downhill. This could cause fuel to flow into the catalytic exhaust system and damage it beyond repair.

A quick burst on the accelerator before turning off the engine serves absolutely no practical purpose, it wastes fuel and is damaging especially to turbocharged engines.

WARNING

Remember that the servobrake and power steering are not operational until the engine has been started, therefore much effort than usual is required on the brake pedal and steering wheel.

PARKING

Proceed as follows:

- ❒ stop the engine and engage the handbrake;
- ❒ engage a gear (on a slope, engage first gear if the car is faced uphill or reverse if it is faced downhill) and leave the wheels steered.

Block the wheels with a wedge or a stone if the car is parked on a steep slope. Avoid leaving the car parked with a wheel on the sidewalk or steered against the kerb. Do not leave the ignition key at **MAR** to prevent draining the battery. Always remove the key when you leave the car.

HANDBRAKE

The handbrake lever is located between the two front seats.

Pull the handbrake lever upwards until the car cannot be moved.

Four or five clicks are generally enough when the car is on level ground while nine or ten may be required if the car is on a steep slope or laden.

IMPORTANT If this is not the case, contact Fiat Dealership to have the handbrake adjusted.

When the handbrake lever is pulled up and the ignition key is at **MAR** the panel warning light (!) will come on.

To release the handbrake:

- ❒ slightly lift the handbrake and press release button **A-fig. 1**;
- ❒ keep button **A** pressed in and lower the lever. Warning light (!) will go out.

Press the brake pedal when carrying out this operation to prevent the car from moving accidentally.

IMPORTANT If the handbrake lever tends to approach the end of stroke (slot on central console), contact Fiat Dealership to have the handbrake adjusted.

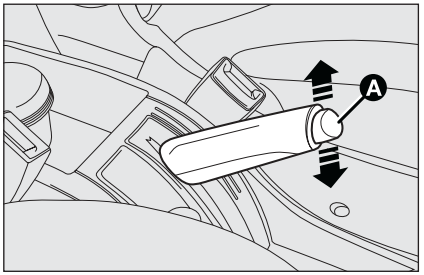


fig. 1 F0H0149m

WARNING

Never leave children unattended in the car. Always remove the ignition key when leaving the car and take it out with you.

USING THE GEARBOX

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

IMPORTANT The car can only be put into reverse gear when it has stopped moving completely. With the engine running, before engaging the reverse, wait at least 2 seconds with the clutch pedal fully down to prevent damage and grating of the gears.

To engage 6th gear (where fitted), press the lever to the right to prevent engaging 4th gear by mistake. A similar action is required to shift down from 6th to 5th

To engage reverse **R** from neutral, lift the sliding ring **A-fig. 2-3** under the knob and shift the lever to the right and back (only for petrol versions).

For Multijet versions, just shift lever to the right and back.

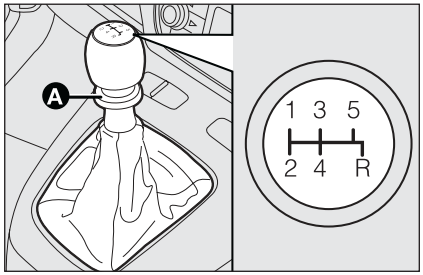


fig. 2 F0H0150m

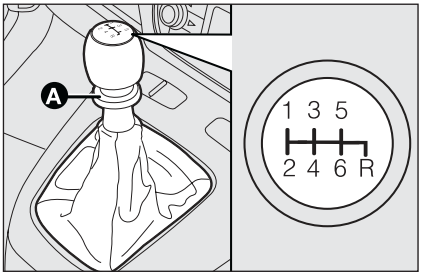


fig. 3 F0H0353m

WARNING

To change gears properly you must push the clutch pedal fully down. It is therefore essential that there is nothing under the pedals: make sure mats are lying flat and do not get in the way of 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 on the gearbox internal components.

CONTAINING RUNNING COSTS

Here are some suggestions which may help you to keep the running costs of your car down and lower the amount of toxic emissions released into the atmosphere.

GENERAL CONSIDERATIONS

Car maintenance

Have checks and adjustments carried out in accordance with the "Service schedule".

Tyres

Check the pressure of the tyres routinely at an interval of no more than 4 weeks: if the pressure is too low, consumption levels increase as resistance to rolling is higher.

Unnecessary loads

Do not travel with too much luggage stowed in the boot. The weight of the car (especially when driving in town) and its trim greatly affects consumption and stability.

Roof rack/ski rack

Remove the roof rack or the ski rack from the roof as soon as they are no longer used. These accessories lower air penetration and adversely affect consumption levels. When needing to carry particularly voluminous objects, preferably use a trailer.

Electric devices

Use electric devices only for the amount of time needed. Rear heated window, additional headlights, windscreen wipers and heater fan need a considerable amount of energy, therefore increasing the requirement of current increases fuel consumption (up to +25% in the urban cycle).

Climate control

The air conditioner is an additional load which greatly affects the engine leading to higher consumption (on average up to +20%). When the temperature outside the vehicle permits it, use the air vents where possible.

Spoilers

The use of non-certified aerodynamic items may adversely affect air drag and consumption levels.

DRIVING STYLE

Starting

Do not warm the engine with the car at a standstill or at idle or high speed: under these conditions the engine warms up much more slowly, increasing electrical consumption and emissions. It is therefore advisable to move off immediately, slowly, avoiding high speeds. This way the engine will warm faster.

Unnecessary actions

Avoid accelerating when waiting at traffic lights or before switching off the engine. This and also double declutching is absolutely pointless on modern cars and also increase consumption and pollution.

Gear selection

As soon as the conditions of the traffic and road allow, use a higher gear. Using a low gear to obtain brilliant performance increases consumption.

In the same way improper use of a high gear increases consumption, emissions an engine wear.

Top speed

Fuel consumption considerably increases with speed. Keep speed as constant as possible, avoid superfluous braking and accelerating, which cost in terms of both fuel and emissions.

Acceleration

Accelerating violently increasing the revs will greatly affect consumption and emissions: acceleration should be gradual and should not exceed the maximum torque.

CONDITIONS OF USE

Cold starting

Short journeys and frequent cold starts do not allow the engine to reach optimum operating temperature. This results in a significant increase in consumption levels (from +15 to +30% on the urban cycle) and emission of harmful substances.

Traffic situations and road conditions

Rather high consumption levels are tied to situations with heavy traffic, for example in queues with frequent use of the lower gears or in cities with many traffic lights. Also winding mountain roads and rough road surfaces adversely affect consumption.

Traffic hold-ups

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

TOWING TRAILERS

IMPORTANT NOTES

For towing caravans or trailers the car must be fitted with a certified tow hook and an adequate electric system. Installation should be carried out by specialised personnel who release a special document for circulation on the road.

Install any specific and/or additional rear-view mirrors as specified by law.

Remember that when towing a trailer, steep hills are harder to climb, the braking spaces increase and overtaking takes longer depending on the overall weight.

Engage a low gear when driving downhill, rather than constantly using the brake.

The weight the trailer exerts on the car tow hook reduces by the same amount the actual vehicle loading capacity. To make sure the maximum towable weight is not exceeded (given in the log book) account should be taken of the fully laden trailer, including accessories and personal belongings.

Do not exceed the speed limits of the country you are driving in. In any case do not exceed 100 km/h.

WARNING

The ABS system with which the car may be fitted does not control the trailer braking system. Great care should therefore be taken when driving on slippery road surfaces.

WARNING

Under no circumstances should the vehicle brake system be altered to control the trailer brake. The trailer braking system must be fully independent of the vehicle's hydraulic system.

INSTALLING THE TOW HOOK

The towing device should be fastened to the body by specialised personnel according to any additional and/or integrative information supplied by the Manufacturer of the device.

The towing device must meet current regulations with reference to 94/20/EC Directive and subsequent amendments.

For any version the towing device used must match the towable weight of the vehicle 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 normally fastened to the towing device, and a special ECU for external trailer light control shall be installed on the car.

For the electrical connection 7 or 13 pins 12VDC connection is to be used (CUNA/UNI and ISO/DIN Standards). Follow the instructions provided by the car manufacturer and/or the tow hitch manufacturer.

An electric brake should be supplied directly by the battery through a cable with a cross section of no less than 2.5 mm^2.

IMPORTANT Electric brake or other device shall be used with running engine.

In addition to the electrical branches, the car's electric system can only be connected to the supply cable for an electric brake and to the cable for an internal light, though not above 15W.

For connections use a preset control unit with battery cable no less than 2.5 mm^2.

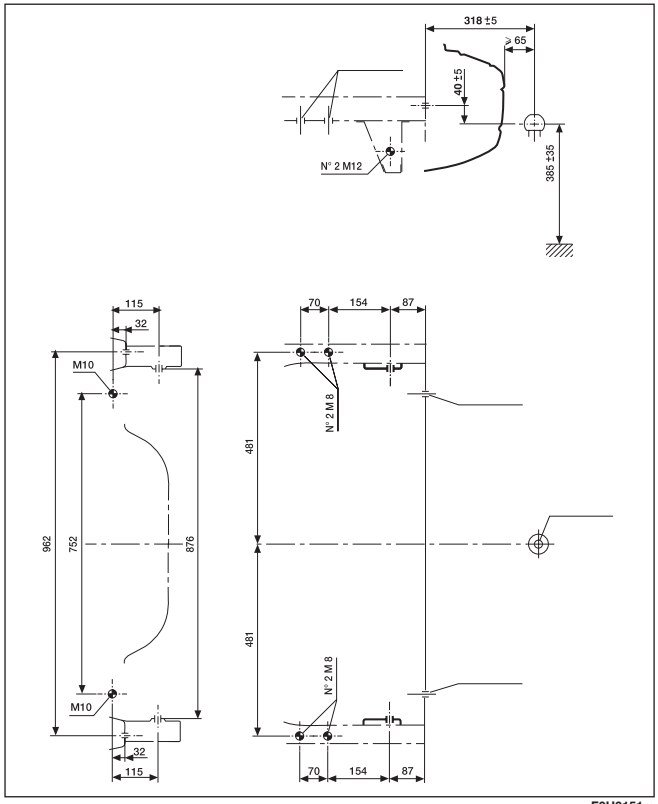


fig. 4

Assembly diagram fig. 4

The tow hook structure must be fastened in the points shown by the symbol ◔ using a total of 4 M8 screws, 2 M10 screws and 2 M12 screws.

The hook should be fastened to the body avoiding any type of drilling and trimming of the rear bumpers that remains visible when the hook is removed.

IMPORTANT It is compulsory to fasten a label (plainly visible) of suitable size and material with the following wording:

MAX LOAD ON BALL 60 kg

WARNING

After fitting, screw holes shall be sealed to prevent exhaust gas inlet.

SNOW TYRES

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

Fiat Dealership will be happy to provide advice concerning the most suitable type of tyre for the customer's requirements.

For the type of tyre to be used, inflation pressures and the specifications of snow tyres, follow the instructions given in paragraph "Wheels" in section "Technical specifications".

The winter features of these tyres are reduced considerably when the tread depth is below 4 mm. In this case, they should be replaced.

Due to the snow tyre features, under normal conditions of use or on long motorway journeys, the performance of these tyres is lower than that of normal tyres. It is therefore necessary to limit their use to the purposes for which they are certified.

IMPORTANT When snow tyres are used with a max speed index below the one that can be reached by the car (increased by 5%), place a notice in the passenger compartment, plainly in the driver's view which states the max permissible speed of the snow tyres (as per EC Directive).

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

Remember that it is inappropriate to change the direction of rotation of tyres.

WARNING

The max speed for snow tyres with "T" marking is 190 km/h. The Road Traffic Code speed limits must however be always strictly observed.

SNOW CHAINS

Use of snow chains should be in compliance with local regulations.

Snow chains should only be applied to the driving wheels (front wheels). We recommend using Lineaccessori Fiat snow chains.

Check the tension of the chains after driving some ten metres.

IMPORTANT Snow chains cannot be fitted to the space-saver spare wheel. So, if a front (drive) wheel is punctured and chains are needed, a rear wheel should be fitted to the front of the vehicle and the spare wheel should be fitted to the rear. This way with two normal drive wheels, snow chains can be fitted to them to solve an emergency.

IMPORTANT Tyres 205/50 R16 87V cannot be fitted with snow chains.

Refer to the above mentioned table for information on the wheels where snow chains can be fitted. Follow the prescriptions.

Versions	Tyres on which chains can be fitted	Type of snow chains to be used
ACTIVE	185/65 R14 86T 195/60 R15 88T	Snow chains with standard size with max protrusion beyond the tyre profile of 12 mm.
DYNAMIC	195/60 R15 88T	
EMOTION	195/60 R15 88T	

Keep your speed down when snow chains are fitted. Do not exceed 50 km/h. Avoid potholes, steps and pavements and avoid also to drive for long distances on roads not covered with snow to prevent damaging the car and the roadbed.

CAR INACTIVITY

If the car is to be left inactive for longer than a month, the following precautions should be noted:

- ❒ park the car in covered, dry and if possible well-ventilated premises;
- ❒ engage a gear;
- ❒ check that the handbrake is not engaged;
- ❒ disconnect battery terminals (first disconnect the negative terminal) and check the battery charge. This check is to be repeated every three months when the car is left inactive. Recharge if the optical indicator shows a dark colour without the central green area;
- ❒ clean and protect the painted parts using protective wax;
- ❒ clean and protect the shiny metal parts using special compounds readily available;
- ❒ sprinkle talcum powder on the rubber windscreen and rear window wiper blades and lift them off the glass;
- ❒ slightly open the windows;
- ❒ cover the car with a cloth or perforated plastic sheet. Do not use sheets of non-perforated plastic as they do not allow moisture on the car body to evaporate;
- ❒ inflate tyres to +0.5 bar above the normal specified pressure and check it at intervals;
- ❒ if you don't disconnect the battery from the electric system, check its charge every month and recharge it if the optical indicator shows a dark colour without the central green area;
- ❒ do not drain the engine cooling system.

WARNING LIGHTS AND MESSAGES

GENERAL WARNINGS

Lighting of a warning light is associated to a specific message and/or buzzer when applicable. These indications are **brief and precautionary** and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner's Handbook, which you are recommended to read carefully in all cases. **Always refer to the information in this chapter in the event of a failure indication**.

IMPORTANT Failure indications on the display fall into either of two categories: **serious** failure and **less serious** failure.

Serious failures indicate a "cycle" of warning messages that stay on until the cause of the failure is eliminated.

Less serious failures are indicated by a limited warning "cycle".

Press **MODE** to stop the warning cycle in both cases. The warning light on the instrument panel will stay on until the cause of the failure is eliminated.

LOW BRAKE FLUID LEVEL (red)

HANDBRAKE ON (red)

When the ignition key is moved to **MAR** the warning light turns on and should go off after a few seconds.

Low brake fluid level

The warning light turns on when the level of the brake fluid in the reservoir falls below the minimum level due to possible leaks in the circuit.

The display will show the dedicated message.

WARNING

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

Handbrake on

The warning light turns on when the handbrake is on.

On certain versions, if the car is moving the buzzer also triggers.

IMPORTANT If the warning light turns on when travelling, check that the handbrake is not engaged.

AIRBAG FAILURE (red)

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

The warning light stays on steady if there is a failure in the airbag system.

The display will show the dedicated message.

WARNING

If when turning the key to MAR the warning light does not turn on or stays on during car travel (together with the message on the multifunctional display, where provided), a failure may have occurred in the restraint systems. In this case the airbags or pretensioners may not be deployed after an impact or, in a minor number of cases, they may be deployed accidentally. Contact Fiat Dealership immediately to have the system checked immediately.

WARNING

The failure of the warning light is indicated by the warning light flashing longer than the expected 4 seconds thus signalling that the front passenger airbag is deactivated. In addition, the airbag system automatically disables the airbag on the passenger's side (both front and side airbags, where provided). In this case, the warning light does not necessarily indicate a failure in the restraining systems. Contact Fiat Dealership immediately to have the system checked.

HOT ENGINE COOLANT (red)

When the ignition key is moved to **MAR**, the warning light turns on and 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:

❒ **during normal travel**: stop the car, stop the engine and check that the water level in the vessel is not under the **MIN** line. If this is the case, 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** reference lines on the vessel. Also check for leakages. Should the warning light turn on again at the next start-up, contact Fiat Dealership.

❒ **If the vehicle is used under severe conditions** (e.g. towing of trailers uphill or fully loaded vehicle): slow down and stop the car if the warning light stays on. Stop for 2 or 3 minutes with the engine running and slightly accelerated to favour better coolant circulation. Then stop the engine. Check correct fluid level as described above.

IMPORTANT Under severe use of the car, keep the engine on and slightly accelerated for a few minutes before switching it off.

The display will show the dedicated message.

LOW BATTERY CHARGE (red)

When the ignition key is moved to **MAR**, the warning light turns on and should go out as soon as the engine is started (with the engine running at idle speed a brief delay in going out is allowed). If the warning light stays on, immediately contact Fiat Dealership.

LOW ENGINE OIL PRESSURE (red)

EXHAUSTED OIL (red) (Multijet versions with DPF)

Low engine oil pressure

When the ignition key is moved to **MAR**, the warning light turns on and should go out as soon as the engine is started.

The display will show the dedicated message.

WARNING

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

Exhausted oil

The warning light turns on and flashes along with the message on the display when the system detects that the engine oil is exhausted.

After the first indication, at each engine start-up, the warning light continues to flash for about 60 seconds and then every 2 hours until the oil is changed.

WARNING

If the warning light flashes, promptly contact Fiat Dealership in order to have the oil changed and the warning light on the instrument panel turned off.

"DUALDRIVE" ELECTRIC POWER STEERING FAILURE (red)

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

If the warning light stays on, the electric steering system provides no assistance and the effort on the steering wheel is increased, although steering is still possible. In this case, go to a Fiat Dealership.

The display will show the dedicated message.

INCOMPLETE DOOR LOCKING (red)

On certain versions the warning light turns on when one or more doors or the tailgate are not properly closed.

The display will show the dedicated message.

A buzzer is triggered when doors/tailgate are open and the car is moving.

SEAT BELTS NOT FASTENED (red) (where provided)

The warning light on the display lights up when the car is moving and the driver's seat belt is not correctly fastened. The warning light flashes, and a buzzer is triggered, if the driver's seat belt is not correctly fastened. The buzzer of the S.B.R. (Seat Belt Reminder) system can be disabled by the Fiat Dealership only. The system can be enabled from the "setup" menu.

EBD FAILURE (red) (amber)

Simultaneous turning on of the warning lights and the engine is running indicates an EBD system failure or non-availability of the system. Early locking of the rear wheels may occur in the event of violent braking causing the car to swerve. Drive very carefully to a Fiat Dealership to have the system inspected.

The display will show the dedicated message.

INJECTION SYSTEM FAILURE (Multijet versions - amber)

EOBD ENGINE CONTROL SYSTEM FAILURE (petrol versions - amber)

Injection system failure

When the ignition key is moved to **MAR**, the warning light turns on and should go out as soon as the engine is started.

If the warning light stays on or turns on during car travel, it indicates that the injection system is not operating correctly, which could cause reduced performance, poor drivability and high consumption levels.

The display will show the dedicated message.

In these conditions, the car can continue travelling at moderate speed without demanding excessive effort from the engine. In any case, go to a Fiat Dealership as soon as possible.

EOBD engine control system failure

Under normal conditions, when the ignition key is moved to **MAR**, the warning light turns on and should go off after engine start-up. This indicates that the warning light is working correctly. If the warning light either stays on or comes on during car travel:

❒ *steady light*: indicates a fault in the supply/ignition system which could cause high emissions at the exhaust, possible reduced performances, poor drivability and high consumption levels.

The display will show the dedicated message.

In these conditions, the car 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 is cleared, and the indication is stored in the system.

❒ *flashing light*: indicates the possibility of damage to the catalyser (see "EOBD system" in section "Dashboard and controls").

If the warning light flashes, release the accelerator pedal to lower the speed of the engine until the warning light stops flashing; continue the journey at moderate speed, trying to avoid driving conditions that may cause further flashing. Finally, contact Fiat Dealership as soon as possible.

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

FRONT PASSENGER AIRBAG DISABLED (amber)

The warning light comes on when the front passenger's airbag is disabled.

With the front passenger's airbag on, when the ignition key is moved to **MAR**, the warning light comes on steadily for about 4 seconds; then, it continues to flash for 4 seconds and finally goes off.

WARNING

When the warning light comes on, it indicates that a light failure has occurred. In addition, the airbag system automatically disables the airbag on the passenger's side (both front and side airbags, where provided). Contact Fiat Dealership immediately to have the system checked.

ABS SYSTEM FAILURE (amber)

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

The warning light lights up when the system is either not working or not available. In this case, the braking system preserves its efficiency unaltered without, however, offering the extra operating capacity of the ABS system. Drive carefully and go to a Fiat Dealership as soon as possible.

The display will show the dedicated message.

FUEL RESERVE (amber)

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

The warning light turns on when about 6 to 7 litres of fuel are left in the tank.

IMPORTANT The warning light flashes to indicate a system failure. Go to a Fiat Dealership to have the system checked.

GLOW PLUG HEATING (Multijet versions - amber)

GLOW PLUG HEATING FAILURE (Multijet versions - amber)

Glow plug heating

The warning light goes 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 At high ambient temperatures the warning light stays on for an extremely short time.

Glow plug heating failure

The warning light flashes in the event of a failure in the glow plug heating system. Go to a Fiat Dealership as soon as possible.

The display will show the dedicated message.

WATER IN DIESEL FUEL FILTER (Multijet versions - amber)

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

The warning light c turns on when there is water in the diesel fuel filter.

The display will show the dedicated message.

The presence of water in the supply circuit may cause severe damage to the injection system and irregular engine operation. If the warning light c goes on (with the message on the display on some versions), go to a Fiat Dealership as soon as possible to remove clogging from the system. Whenever the warning light comes on immediately after refuelling, water may have been introduced in the tank. In this case, stop the engine immediately and contact a Fiat Dealership.

CAR PROTECTION SYSTEM FAULT - FIAT CODE (amber)

Turning the key to **MAR**, the warning light flashes once and then goes off.

If the warning light stays on with the ignition key positioned on **MAR**, a failure may have occurred (see "Fiat Code system" in section "Dashboard and controls").

IMPORTANT Simultaneous turning on of the warning lights and indicates a failure in the Fiat CODE system.

If the warning light flashes with the engine running, the car is not protected by the engine inhibitor device (see "Fiat Code system" in section "Dashboard and controls").

Contact Fiat Dealership to have all the keys stored.

REAR FOG LIGHTS (amber)

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

GENERAL FAILURE INDICATION (amber)

The warning light turns on in the following circumstances.

External light failure

The warning light comes on (on some versions only) when a failure is detected in one of the following lights:

– tail lights

– stop lights (excluding 3rd stop)

– rear fog lights

– direction indicators

– plate lights.

The fault identified in the lights above may be due to: one or more burnt lamps, a blown protection fuse or interruption of the electrical connection.

The display will show the dedicated message.

Fresh air filter clogged (where provided)

The warning light turns on when the particulate filter is clogged and the driving conditions do not enable automatic activation of the regeneration procedure.

To allow the regeneration procedure, keep the car running until the warning light turns off.

The display will show the dedicated message.

Engine oil pressure sensor failure

The warning light turns on when a failure is detected in the engine oil pressure sensor. Go to a Fiat Dealership as soon as possible.

Twilight/rain sensor failure

The warning light turns on when a failure is detected in the twilight/rain sensors. Go to a Fiat Dealership as soon as possible.

The display will show the dedicated message.

Fuel cut-off switch tripped

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

The display will show the dedicated message.

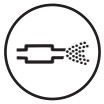
Speed limit exceeded

The display shows the dedicated message when the car exceeds the set speed limit (see “Multifunction Display” in section “Dashboard and controls”).

BRAKE PAD WEAR (amber)

The warning light goes on if the front brake pads are worn. In this case replace them as soon as possible.

The display will show the dedicated message.



PARTICULATE FILTER CLOGGED (1.3 Multijet 90 HP version) (amber)

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

The warning light turns on when the particulate filter is clogged and the driving conditions do not enable automatic activation of the regeneration procedure.

To allow the regeneration procedure, keep the car running until the warning light turns off.

The display will show the dedicated message.

SIDE/TAIL LIGHTS AND LOW BEAMS (green)

FOLLOW ME HOME (green)

Side/tail lights and low beams

The warning light comes on when side/tail lights or low beams are turned on.

Follow me home

The warning light turns on when this device is active (see "Follow me home" in section "Dashboard and controls").

The display will show the dedicated message.

FRONT FOG LIGHTS (green)

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

LEFT-HAND DIRECTION INDICATOR (green - intermittent)

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

RIGHT-HAND DIRECTION INDICATOR (green - intermittent)

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

"DUALDRIVE" ELECTRIC POWER STEERING ACTIVATION (symbol on display)

The "CITY" indication appears on the display when the "Dual drive" electric power steering system is activated by pressing the relevant control button. Pressing the button again causes the "CITY" indication to go off.

CRUISE CONTROL SYSTEM (where provided) (green)

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

The warning light is lit on the display by rotating the Cruise Control to **ON**.

The display will show the dedicated message.

MAIN BEAMS (blue)

The warning light comes on when the main beams are turned on.

POSSIBLE ICE ON ROAD

When the external temperature reaches or drops below 3°C, and ice may be present on the road, the display shows the symbol ❄, a warning message appears and the temperature value flashes.

LIMITED RANGE

The display shows a dedicated message to inform the driver that the car range has dropped below 50 Km (or 30 miles), or the fuel level is inferior to 4 litres.

IN AN EMERGENCY

In an emergency we recommend that you call the toll-free number found on the Warranty Booklet. You can also connect to the site www.fiat.com to search for the nearest Fiat Dealership point.

DOOR OPENING/CLOSING

Emergency door locking device from outside fig. 1

The doors are fitted with a device which makes it possible to close the doors with the lock without power supply.

To close, proceed as follows:

- ❒ insert the ignition key in the pawl **B**
- ❒ turn the device to position **1** and close the ledge.

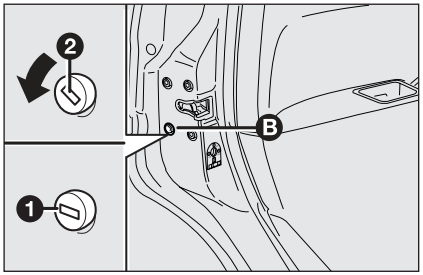


fig. 1

To open, proceed as follows:

- ❒ insert the key in the pawl and turn it clockwise
- ❒ open the driver's door
- ❒ from the vehicle inside open the remaining doors by operating the levers located in the handles.

ENGINE STARTING

JUMP STARTING fig. 2

If the battery is flat, it is possible to start the engine using an auxiliary battery with the same capacity or a little higher than the flat one.

Proceed as follows:

- ❒ Connect positive terminals (**+**) of the two batteries with a jump lead;
- ❒ With a second lead, connect the negative terminal (**–**) of the auxiliary battery and 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, remove the leads reversing the order above.

If after a few attempts the engine does not start, do not insist but contact the nearest Fiat Dealership.

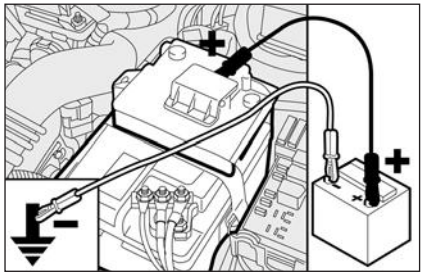


fig. 2 F0H0718m

IMPORTANT Do not directly connect the two negative terminals: sparks could ignite the flammable gas from the battery. If the other battery is fitted in a vehicle, prevent accidental contacts between the metal parts of the two vehicles.

Under no circumstances should a battery charger be used to start the engine: it could damage the electronic systems and in particular the ignition and injection control units.

WARNING

Do not carry out this procedure if you lack experience; if it is not done correctly it can cause very intense electrical discharges. In addition, the fluid contained in the battery is poisonous and corrosive. Avoid contact with skin and eyes. You are also advised not to put naked flames or lighted cigarettes near the battery and not to cause sparks.

BUMP STARTING

Never bump start the engine (bu pushing, towing, or coasting downhill) as this could cause fuel to flow into the catalytic exhaust system and damage it beyond repair.

IMPORTANT Remember that until the engine has started the brake booster and electrical power steering systems will not work and a greater effort will therefore be required to press the brake pedal or turn the steering wheel.

WARNING

Alert other drivers that the car is stationary in compliance with local regulations: hazard warning lights, warning triangle etc. Any passengers on board should leave the car, especially if it is heavily laden. Passengers should stay away from oncoming traffic while the wheel is being changed on. If the wheel is being changed on a steep or badly surfaced road, place the wedges or other suitable material under the wheel to stop the car.

FIX & GO automatic (QUICK TYRE REPAIR KIT) (where provided)

The quick tyre repair kit Fix & Go automatic is placed in the boot.

The kit includes:

❒ bottle **A-fig. 3** containing sealer and fitted with:

– filling pipe **B**;

– sticker **C** bearing the notice "max. 80 km/h", to be placed in a position visible to the driver (on the instrument panel) after fixing the tyre;

❒ instruction brochure **fig. 4**, to be used for prompt and proper use of the quick repair kit and to be then handed to the personnel charged with handling the treated tyre;

❒ compressor **D** including gauge and connections;

❒ a pair of protection gloves located in the side space of the compressor;

❒ adapters for inflating different elements.

In the kit container (placed in the boot under the carpet) are also housed the screwdriver and the tow hitch.

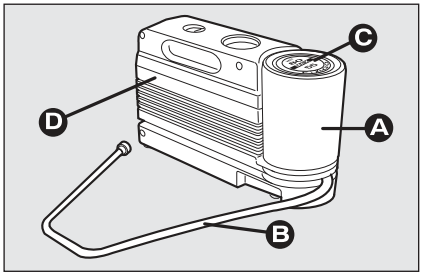


fig. 3 F0H0354m

IMPORTANT Do not use the quick repairing kit if the tyre is damaged due to driving with the wheel flattened.

WARNING

Hand the instruction brochure to the personnel charged with treating the tyre repaired with the kit.

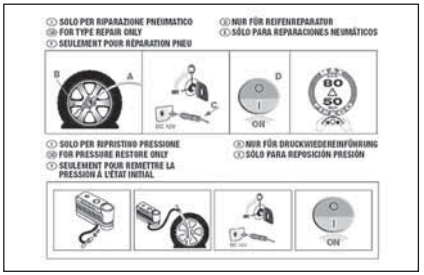


fig. 4 F0H0355m

IT SHOULD BE NOTICED THAT:

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

The sealing fluid has limited life.

In the event of a puncture caused by foreign bodies, it is possible to repair tyres showing damages on the track or shoulder up to max 4 mm diameter.

WARNING

Holes and damages on the tyre side walls cannot be repaired. Do not use the quick tyre repair kit if damaging is due to running with flat tyre.

WARNING

Repairs are not possible in case of damages on the wheel rim (bad groove distortion causing air loss). Do not remove foreign bodies (screws or nails) from the tyre.

WARNING

The compressor shall not be operated for more than 20 minutes. Risk of overheating!. Tyres repaired with the quick tyre repair kit shall be used temporarily only.

INFLATING PROCEDURE

❒ **Pull up the handbrake**. Loosen tyre inflation valve cap, take out the filler hose **A-fig. 5** and screw the ring nut **B** on the tyre valve;

WARNING

The cylinder contains ethylene glycol. The cylinder contains latex: it can cause allergic reactions. It is harmful if ingested or inhaled and irritant for the eyes and in case of contact. In case of contact rinse immediately with water and take off contaminated clothes. If swallowed, do not induce vomit, rinse out the mouth, drink a lot of water and call the doctor immediately. Keep away from children. This product must not be used by asthmatics. Do not inhale vapours. Call the doctor immediately in case of allergic reactions. Keep the cylinder in the space provided for the purpose and far from heat. The sealing fluid has limited life.

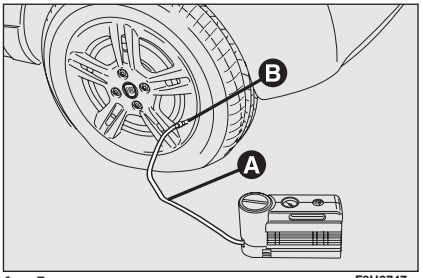


fig. 5 F0H0747m

Replace the cylinder if sealer has run out. Do not throw away the cylinder and the sealing fluid. Have the sealing fluid and the cylinder disposed of in compliance with national and local regulations.

WARNING

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

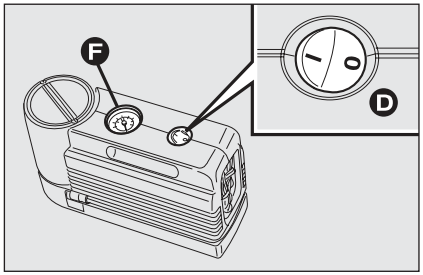


fig. 6 F0H0357m

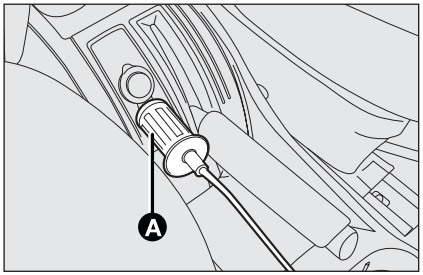


fig. 7 F0H0177m

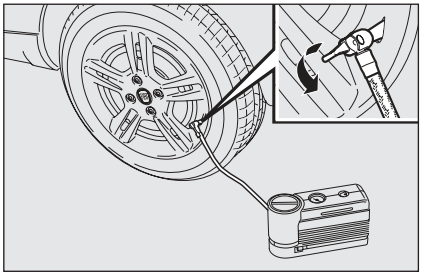


fig. 8 F0H0748m

❒ make sure the compressor switch **D-fig. 6** is set to **0** (off), start the engine and fit plug **A-fig. 7** into the nearest current outlet and then turn on the compressor by setting switch **D** to **I** (on). Inflate the tyre to the pressure specified in paragraph "Inflation pressure" in section "Technical Specifications". Check tyre pressure on gauge **F** with compressor off to obtain precise reading;

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

❒ If after this operation it is still impossible after 5 minutes to reach at least 1.8 bar, do not start driving since the tyre is excessively damaged and the quick tyre repair kit cannot guarantee suitable sealing, contact Fiat Dealership;

❒ if reaching the tyre pressure specified in paragraph "Inflation pressure" in section "Technical Specifications", start driving immediately;

❒ after driving for about 10 minutes stop and check again the tyre pressure; **pull up the handbrake**;

❒ if at least 1.8 bar pressure is read, restore proper pressure (with engine running and handbrake on) and restart;

❒ drive with the utmost care to the nearest Fiat Dealership.

WARNING

Apply the sticker in a visible position for the driver to indicate that the tyre has been treated with the quick tyre repair kit. Drive carefully especially when cornering. Do not exceed 80 km/h. Avoid heavy braking and accelerating.

WARNING

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

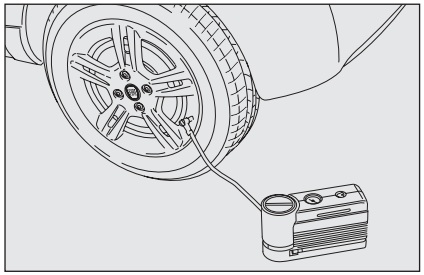


fig. 9 F0H0749m

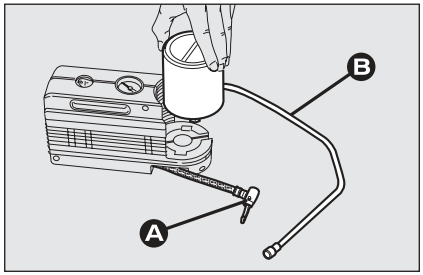


fig. 10 F0H0360m

WARNING

It is of vital importance to communicate that the tyre has been repaired using the quick tyre repair kit. Hand the instruction brochure to the personnel charged with treating the tyre repaired with the kit.

FOR CHECKING AND RESTORING PRESSURE ONLY

The compressor can be also used just for restoring pressure. Disconnect the quick connection and connect it directly to the tyre valve; in this way the cylinder is not connected to compressor and the sealing fluid will not flow into the tyre.

CYLINDER REPLACEMENT PROCEDURE

To replace the cylinder proceed as follows:

- ❒ disconnect connection **A-fig. 10**;
- ❒ turn counter-clockwise the cylinder to replace and raise it;
- ❒ fit the new cylinder and turn it clockwise;
- ❒ connect connection **A** to the cylinder and fit the transparent tube **B** into the proper space.

IF A TYRE IS PUNCTURED

GENERAL INSTRUCTIONS

Wheel changing and correct use of the jack and space-saver spare wheel call for some precautions as listed below.

WARNING If the car is equipped with "Kit for tyre quick repair Fix & Go", see the instructions contained in the following chapter.

WARNING

The space-saver spare wheel is specific to the vehicle: do not use it on other models and do not use spare wheels designed for other models on your car. The space-saver spare wheel must only be used in the event of an emergency, and then only for as little as possible and at no more than 80 km/h. The space-saver spare wheel is fitted with an orange sticker giving the main instructions for its use and limitations. The sticker must never be removed or covered. Do not fit the hub cap to the spare wheel. The sticker gives the following information in four languages: CAUTION! FOR TEMPORARY USE ONLY! 80 KM/H MAX! REPLACE BY NORMAL WHEEL AS SOON AS POSSIBLE. DO NOT COVER THIS LABEL IN USE.

WARNING

When driving with a space-saver spare wheel fitted, the driving performance of your car may change. Avoid accelerating or braking suddenly, steering abruptly or fast cornering. The lifespan of a space-saver spare wheel is approximately 3000 km, after which it will need to be replaced with another spare wheel of the same type. Never fit a standard tyre on the space-saver spare wheel rim. Have the wheel replaced and refitted as soon as possible. Never use two or more spare wheels at the same time. Do not lubricate the bolt threads before fitting them back: they could come loose.

WARNING

The jack should only be used to change a wheel on the car for which it was designed. It should not be put to other uses or employed to raise other models of cars. Under no circumstances should it be used when carrying out repairs under the car. An incorrectly positioned jack may cause the car to fall. Do not use the jack to lift loads exceeding that indicated on the label attached to the jack itself. Do not fit snow chains on a space-saver spare wheel. If a front wheel (drive wheel) is punctured and you require snow chains to proceed, take a standard wheel from the rear axle and fit the space-saver spare wheel in its place. Having fitted two standard wheels on the front drive axle you can use snow chains, thus solving the emergency situation.

WARNING

Fasten the wheel cap correctly to prevent the wheel from coming free in motion. Never tamper with the inflation valve. Never place tools between the rim and tyre. Check the tyre and space-saver spare wheel pressure regularly. The tyre inflation pressure is shown in the "Technical specifications" chapter.

Please note:

- ❒ 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 in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground should be flat and adequately firm;
- ❒ Turn the engine off and pull up the handbrake;
- ❒ Engage first gear or reverse;
- ❒ Lift the luggage compartment panel mat;
- ❒ Loosen the fastener **A-fig. 11**;
- ❒ Take the tool bag **B** and go to the wheel to be replaced;
- ❒ Take the space-saver spare wheel **C**;
- ❒ If the car is fitted with alloy rims, remove the wheel hub with the screwdriver provided levering in the groove **E-fig. 12**, as shown in the figure;

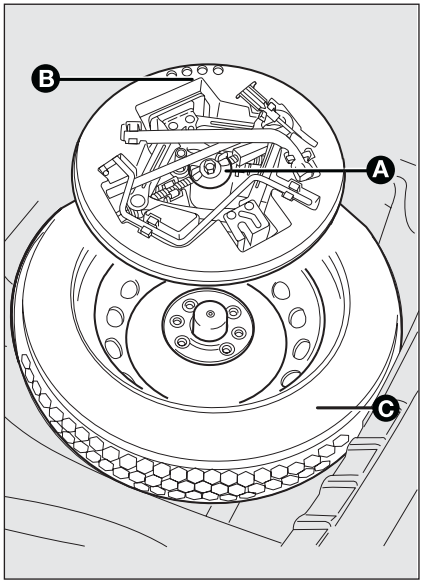


fig. 11 F0H0161m

- ❒ Loosen the bolts on the wheel to be replaced by about one turn with the wrench provided **E-fig. 12**; if the car is fitted with alloy rims, shake the car to facilitate removing this rim from the wheel hub;
- ❒ Operate the device **F-fig. 12** and extend the jack until groove **G** on the jack fits correctly into ridge **H** on the body near sign **I** (at about 60 cm from the front wheel centre or 80 cm from the rear wheel centre);

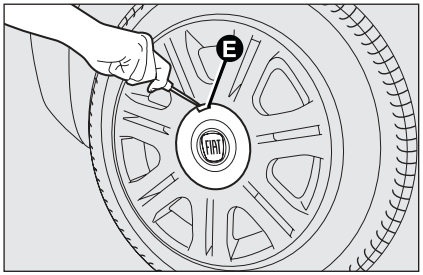


fig. 12 F0H0750m

- ❒ Warn anybody nearby that the car is about to be lifted. They must stay clear and not touch the vehicle until it is back on the ground;
- ❒ Fit the handle **L-fig. 14** to operate the jack and lift the car until the wheel to be changed is several centimetres off the ground;
- ❒ For versions with wheel cap, remove the wheel cap after unloosing the three fastening bolts and finally unloose the fourth bolt and extract the wheel.
- ❒ Make sure the contact surfaces between spare wheel and hub are clean so that the fastening bolts will not come loose;

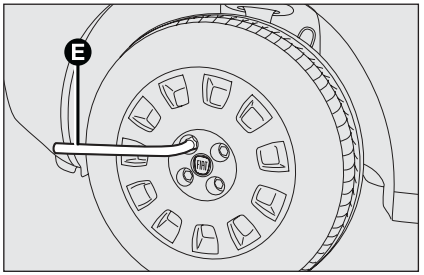
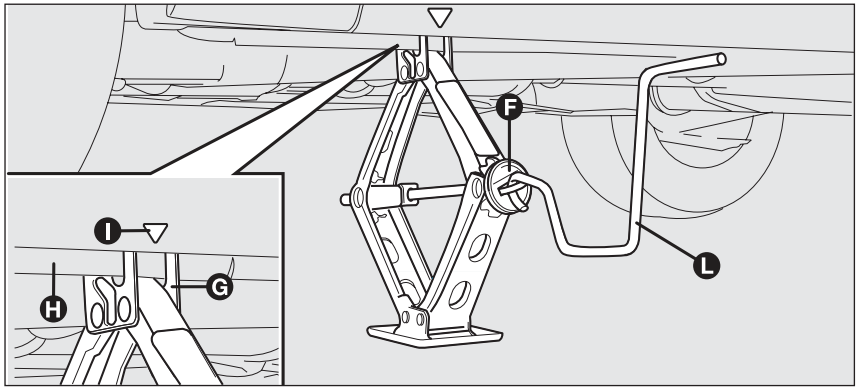


fig. 13 F0H0751m

- ❒ Fit the spare wheel making the holes **M-fig. 15** coincide with the respective centring pins **N**;
- ❒ Using the wrench provided, fully tighten the four fastening bolts;
- ❒ Turn the jack handle **L-fig. 14** to lower the car and remove the jack;
- ❒ Use the wrench provided to fasten the bolts completely in a criss-cross fashion as shown in the figure.



F0H0164m

fig. 14

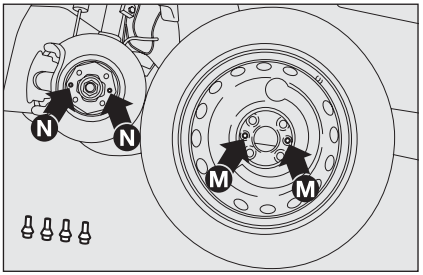
REFITTING THE STANDARD WHEEL

Following the procedure described previously, raise the car and remove the spare wheel.

For versions with steel rim

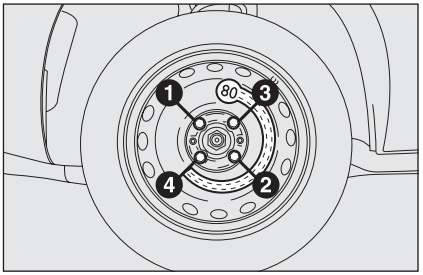
Proceed as follows:

- ❒ 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 in the hole closest to the inflation valve;
- ❒ Fit the wheel cap making the groove (on the wheel cap) coincide with the inflation valve and fit the other three 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 for the spare wheel;



F0H0165m

fig. 15



F0H0166m

fig. 16

IMPORTANT Incorrect fitting may cause the wheel cap to come off when the car is travelling.

For versions with alloy rims

- ❒ Make sure that hub contact surfaces are clean;
- ❒ Refit the standard wheel fitting it on the pins, refit the fastening bolts and tighten them using the wrench provided;
- ❒ Lower the car and remove the jack;
- ❒ Using the wrench provided, tighten the bolts in the sequence shown previously for the space-saver spare wheel **fig. 16**;
- ❒ Refit the snap-fitted wheel hub cap.

When you have finished

- ❒ Stow the spare wheel **C-fig. 11** in the space provided in the boot;
- ❒ Insert the jack partially open in its container **B-fig. 11** forcing it lightly to prevent it from vibrating when travelling;
- ❒ Put the tools back into their places in the container;
- ❒ Stow the container complete with tools on the spare wheel and secure everything with the clamping device **A-fig. 11**;
- ❒ Correctly re-position the stiff cover.

WHEN NEEDING TO CHANGE A BULB

GENERAL INSTRUCTIONS

- ❒ When a light is not working, check that it has not fused before changing the bulb. For the location of the fuses, refer to "If a fuse blows" in this chapter;
- ❒ Before replacing a bulb that does not work, check that the contacts are not oxidised;
- ❒ Burnt bulbs must be replaced by others of the same type and power;
- ❒ Always check the height of the headlight beam after changing a bulb.

Only touch the metal part when handling halogen bulbs. If the transparent bulb is touched it reduces the intesity of the light emitted and can also reduce the life of the bulb. If you touch the bulb accidentally, rub it with a cloth moistened with alcohol and leave it to dry.

WARNING

Modifications or repairs to the electrical system carried out incorrectly and without bearing the features of the system in mind can cause malfunctions with the risk of fire.

WARNING

Halogen bulbs contain pressurised gas which, if broken, may cause small fragments of glass to be projected outwards.

IMPORTANT The headlight inner surface may be lightly misted over: this is not a fault but a natural fact due to low temperature and the level of air humidity. It will disappear as soon the headlights are turned on. The presence of drops inside the headlights means water infiltration, therefore contact Fiat Dealership.

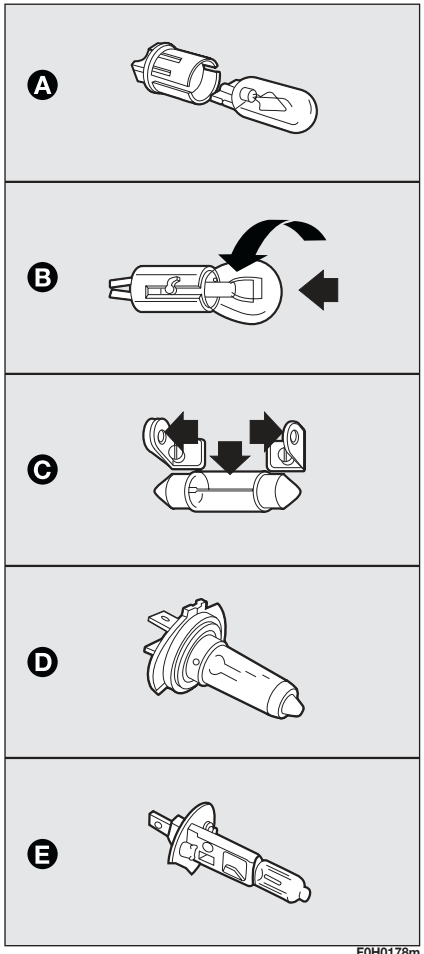


fig. 17

TYPES OF BULBS fig. 17

Various types of bulbs are fitted to your car:

A **Glass bulbs**: clipped into position. Pull to remove.

B **Bayonet type bulbs**: press the bulb, turn counterclockwise to remove this type of bulb from its holder.

C **Tubular bulbs**: free them from their contacts to remove.

D-E **Halogen bulbs**: to remove the bulb, release the clip holding the bulb in place.

Bulb	Ref. Figure	Type	Power
Main beam headlights	**E**	H1	55W
Dipped beam headlights	**D**	H7	55W
Front side lights	**A**	W5W	5W
Front fog lights (where provided)	**E**	H1	55W
Front direction indicators	**B**	PY21W	21W
Side direction indicators	**A**	WY5W	5W
Rear direction indicators	**B**	PY21W	21W
Taillights	**B**	P21/5W	21W/5W
Brake lights	**B**	P21/5W	21W/5W
Third brake light (additional brake lights)	**A**	W5W	5W
Reversing light	**B**	P21W	21W
Rear fog lights	**B**	P21W	21W
Number plate lights	**C**	C5W	5W
Front ceiling light	**A**	W5W	10W
Rear ceiling light	**A**	W5W	10W
Rear ceiling lights (with sunroof)	**A**	W5W	5W
Boot light	**A**	W5W	5W

IF AN EXTERIOR LIGHT BURNS OUT

For the type of bulb and power rating, see "When needing to change a bulb".

FRONT LIGHT UNITS

The front light units contain the sidelights, the dipped beam, main beam, direction indicator and fog light bulbs.

To change the bulbs of the sidelights, low beams, direction indicators and fog lights it is necessary to remove the cover **A-fig. 18** releasing the catch **B**.

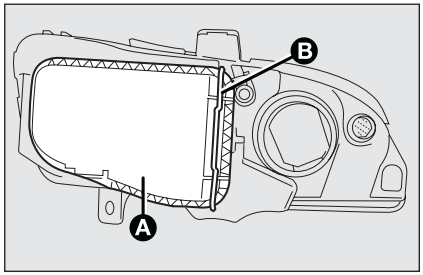


fig. 18 F0H0179m

The bulbs are arranged inside the light unit **fig. 19** as follows:

G: direction indicators

F: main beam headlights

E: sidelights

D: fog lights

C: dipped beam headlights

After replacement, refit the covers correctly checking that they are properly secured.

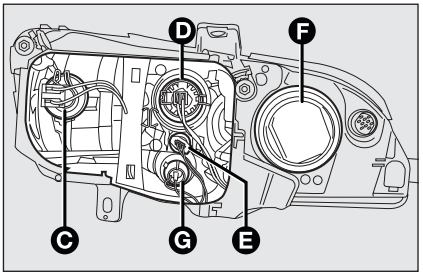


fig. 19 F0H0180m

MAIN BEAM HEADLIGHTS

To change the bulb, proceed as follows:

- ❒ turn the cap **A-fig. 20** anticlockwise and remove it;
- ❒ disconnect the electrical connector **B-fig. 21**;
- ❒ release the bulb catch **C-fig. 21**;
- ❒ remove the bulb **D-fig. 21** and change it;
- ❒ refit the catch **C-fig. 21**, connect the electrical connector **B** and fit the cap **A-fig. 20** turning it clockwise. Put the cap ventilation outlet **H-fig. 20** from the top downwards.

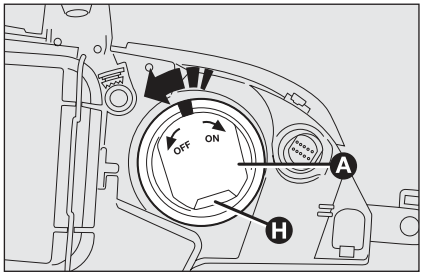


fig. 20 F0H0181m

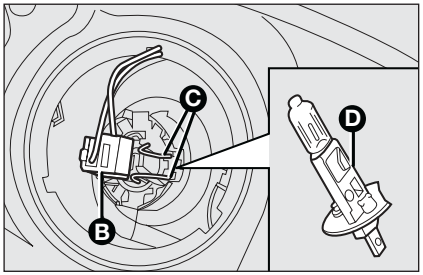


fig. 21 F0H0214m

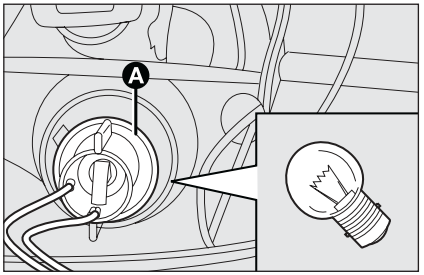


fig. 23 F0H0183m

DIPPED BEAM HEADLIGHTS

To change the bulb, proceed as follows:

- ❒ remove the protective cover releasing the relevant catch;
- ❒ disconnect the electrical connector **F-fig. 22**;
- ❒ release the bulb catch **E**;
- ❒ remove the bulb **G** and change it;

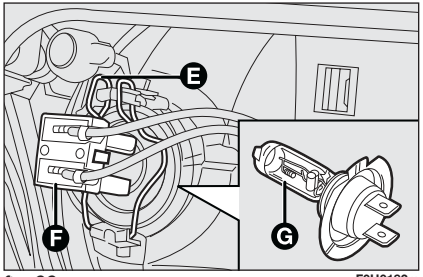


fig. 22 F0H0182m

- ❒ fit a new bulb making the tabs of the metallic part coincide with the grooves on the reflector, then hook the bulb holder catch **E** and re-connect the electrical connector **F**;
- ❒ refit the protective cover correctly.

DIRECTION INDICATORS

Front

To change the bulb, proceed as follows:

- ❒ remove the protective cover releasing the relevant catch;
- ❒ turn the bulb holder **A-fig. 23** counter-clockwise and remove it;
- ❒ remove the bulb lightly pushing it and turning it counter-clockwise ("bayonet");
- ❒ replace the bulb;
- ❒ refit the bulb holder turning it clockwise, checking that it is secured correctly.
- ❒ refit the protective cover correctly

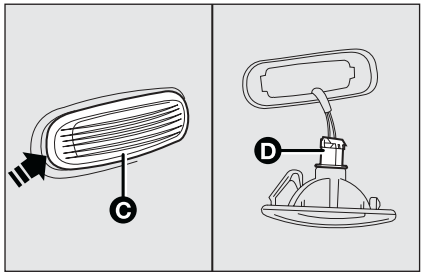


fig. 24 F0H0184m

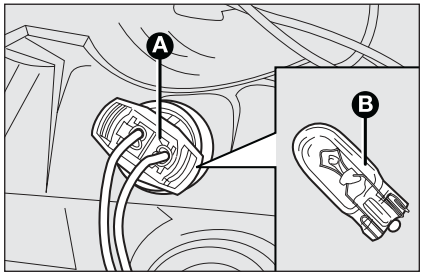


fig. 25 F0H0185m

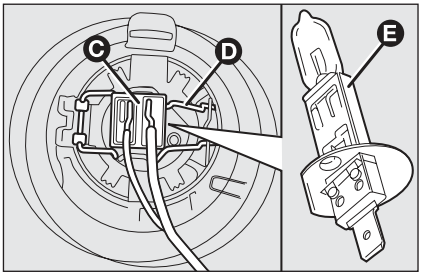


fig. 26 F0H0186m

Side

To change the bulb, proceed as follows:

- ❒ lever in the point shown by the arrow to compress the catch and remove the unit **C-fig. 24**;
- ❒ turn the bulb holder **D** counter-clockwise, remove the snap-fitted bulb and change it;
- ❒ refit the bulb holder **D** in the transparent cover, then position the unit making sure the catch clicks into place.

FRONT SIDELIGHTS

To change the bulb, proceed as follows:

- ❒ remove the protective cover releasing the relevant catch;
- ❒ remove the snap-fitted bulb holder **A-fig. 25**, extract the bulb **B** and change it;
- ❒ refit the bulb holder **A**;
- ❒ refit the protective cover correctly.

FRONT FOG LIGHTS (where provided)

To change the bulb, proceed as follows:

- ❒ disconnect the electrical connector **C-fig. 26**;
- ❒ release the bulb catch **D**;
- ❒ remove the bulb **E** and change it;
- ❒ fit the new bulb, hook the bulb catch **D** and re-connect the electrical connector **C**.

REAR LIGHT UNITS

To change the bulb, proceed as follows:

- ❒ open the tailgate;
- ❒ turn the fastener **A-fig. 27** counter-clockwise (for the left lid) or clockwise (for the right lid) and remove the cover;
- ❒ disconnect the electrical connector **C-fig. 28**;
- ❒ slacken the two fastening nuts **B**;
- ❒ to remove the headlight, pull it in perpendicular direction using the handle on the headlight;
- ❒ press the bulb holder tabs and remove it from its housing;
- ❒ remove bulbs **D - E - F - G-fig. 29** lightly pushing them and turning them counter-clockwise;

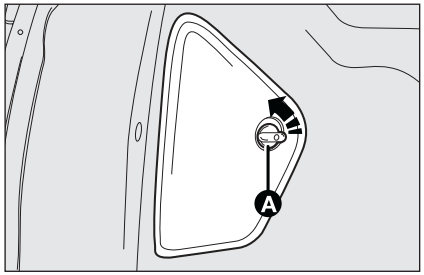


fig. 27 F0H0187m

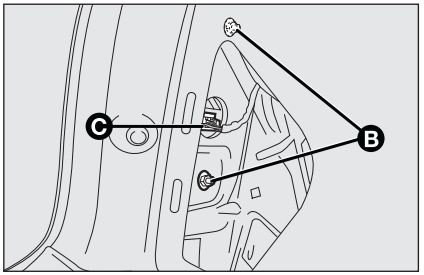


fig. 28 F0H0188m

- ❒ refit the bulb holder and make sure the two tabs are fastened and then connect the electrical connector **C-fig. 28**; drive in the two fastening nuts **B**; refit the cover checking that the tabs are fitted in their seat and turning the fastener **A-fig. 27** counter-clockwise (for the left lid) or clockwise (for the right lid) to hook it.

In the event of a failure (burnt-out bulbs) on taillights, brake lights will switch on dimmed automatically in order to guarantee temporary lighting at the back of the car.

After replacing the burnt-out bulb the taillights will operate regularly.

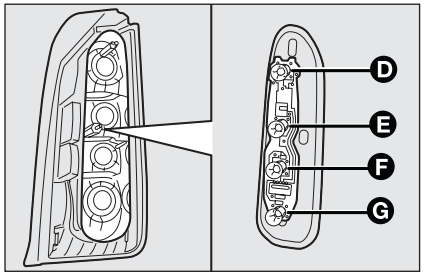


fig. 29 F0H0189m

The bulbs are arranged inside the light unit as follows:

D: sidelights / STOP

E: direction indicators

F: reversing light

G: rear fog lights

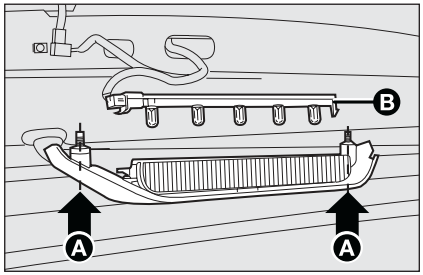


fig. 30 F0H0190m

ADDITIONAL BRAKING LIGHT (THIRD STOP)

To change the bulbs, proceed as follows:

- ❒ open the tailgate;
- ❒ slacken the two fastening screws **A-fig. 30**;
- ❒ press the catch **B** and remove the bulb holder;
- ❒ remove the snap-fitted bulbs and change them;
- ❒ insert the bulb holder making sure the catch **B** clicks into place; drive in the two fastening screws **A**.

IMPORTANT Where provided, on versions with dark windows, replace the whole light unit since it is sealed.

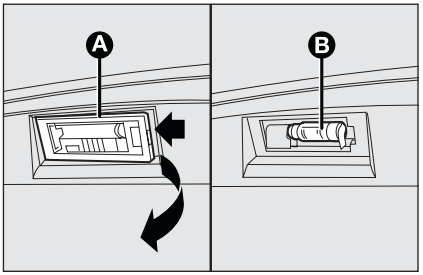


fig. 31 F0H0192m

Number plate light

To change the bulb, proceed as follows:

- ❒ work in the point shown by the arrow and remove the transparent **A-fig. 31**;
- ❒ change the bulb **B** releasing it from the side contacts and making sure the new bulb is correctly fastened between the contacts;
- ❒ refit the transparent.

IF AN INTERIOR LIGHT BURNS OUT

For the type of bulb and power rating, see "When needing to change a bulb".

FRONT CEILING LIGHT fig. 32-33

To change the bulb, proceed as follows:

- ❒ work in the points shown by the arrows and remove the light unit **A**;
- ❒ open the protective cover **B**;
- ❒ change the bulbs **C** releasing them from the side contacts and making sure the new bulbs are correctly fastened between the contacts;
- ❒ close the cover **B** and fasten the light unit **A** in its housing making sure it clicks into place.

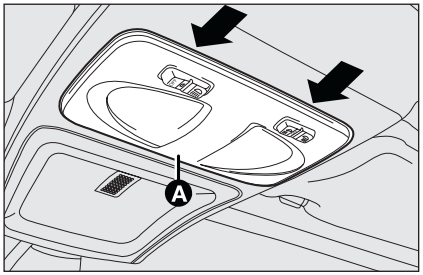


fig. 32 F0H0193m

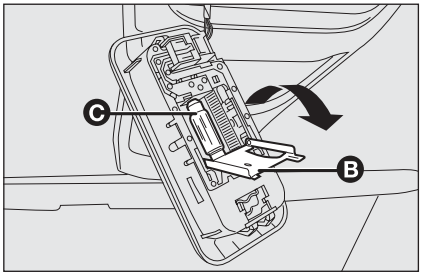


fig. 33 F0H0194m

REAR CEILING LIGHT (where provided) fig. 34-35

To change the bulb, proceed as follows:

- ❒ work in the points shown by the arrows and remove the light unit **D**;
- ❒ open the protective cover **E**;
- ❒ change the bulb **F** releasing it from the side contacts and making sure the new bulb is correctly fastened between the contacts;
- ❒ close the cover **E** and fasten the light unit **D** in its housing making sure it clicks into place.

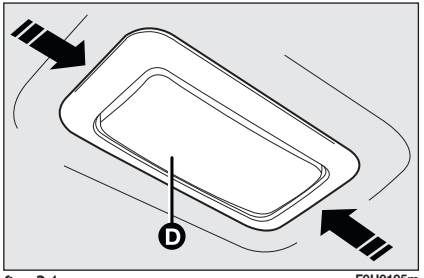


fig. 34 F0H0195m

BOOT LIGHT fig. 36

To change the bulb, proceed as follows:

- ❒ open the tailgate;
- ❒ remove the light unit **A** levering in the point shown by the arrow.
- ❒ open the protective cover **B** and change the snap-fitted bulb;

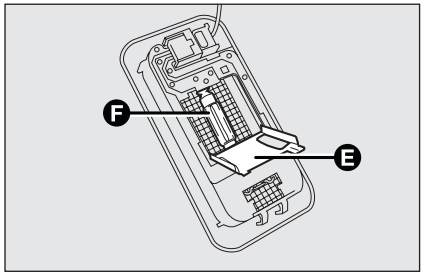


fig. 35 F0H0196m

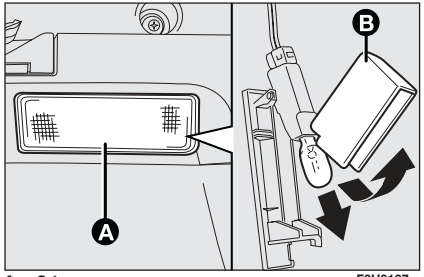


fig. 36 F0H0197m

❒ refit the protective cover **B** on the transparent;

❒ refit the light unit **A** inserting it in its correct position firstly on one end and then on the other until it clicks into place.

IF A FUSE BLOWS

GENERAL fig. 37

The fuse is a protective device for the electric system: it comes into action (i.e. it cuts off) mainly due to a fault or improper action on the system.

If an electric device is not working, check the efficiency of its fuse. The conductor element **A** must be intact; if not, replace the fuse with one of the same amp rating (same colour).

B: Undamaged fuse

C: Fuse with broken filament.

Remove the blown fuse using the pincer **D** provided in the control box on the dashboard.

Never replace a broken fuse with anything other than a new fuse.

WARNING

Never change a fuse with another with a higher amp rating, DANGER OF FIRE.

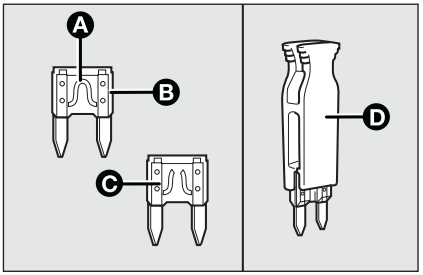


fig. 37 F0H0198m

WARNING

If a general fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) cuts in, do not attempt any repair and contact Fiat Dealership. Before changing a fuse, check the ignition key has been removed and that all the other electric devices have been turned off/disabled.

WARNING

If the fuse blows again, have the car inspected at Fiat Dealership.

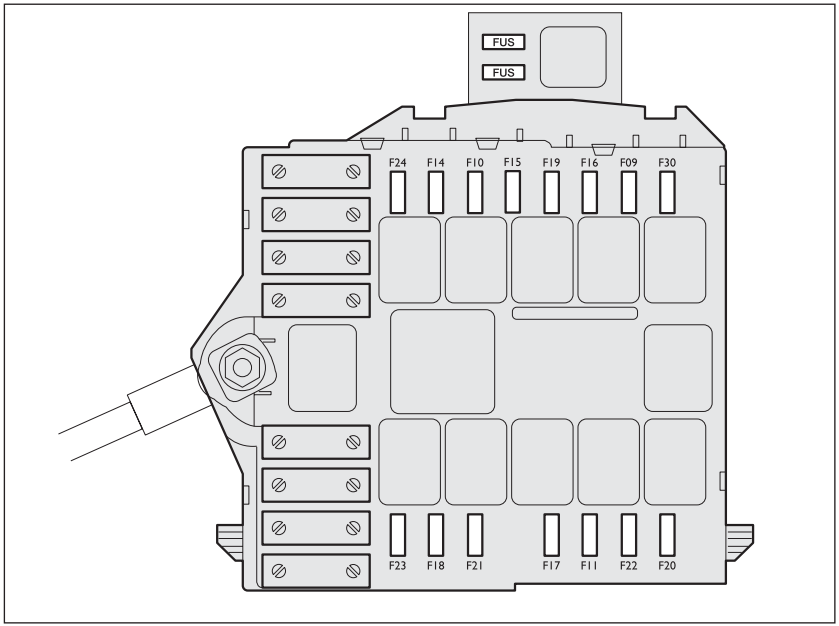


fig. 38 F0H0720m

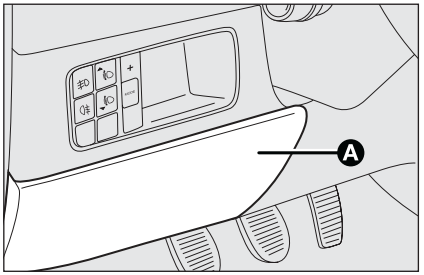


fig. 39 - Left-hand drive versions F0H0719m

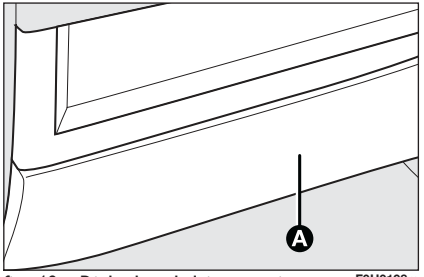


fig. 40 - Right-hand drive versions F0H0198m

FUSE LOCATION

Fuses are grouped into two fuse boxes to be found respectively on the left side of the dashboard and in the engine compartment near the battery.

Fuse box on the dashboard

To gain access to the fuses in the control box on the dashboard **fig. 38**, remove the protective trim **A-fig. 39-40**.

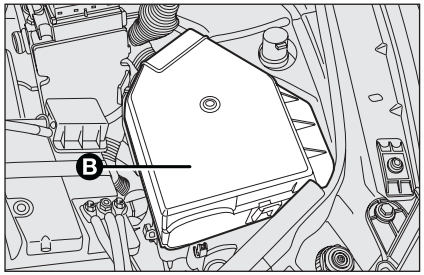


fig. 41 F0H0201m

Fuse box near the battery

To gain access to the fuses **fig. 42** in the fusebox on the battery post, remove the protective cover **B - fig. 41**.

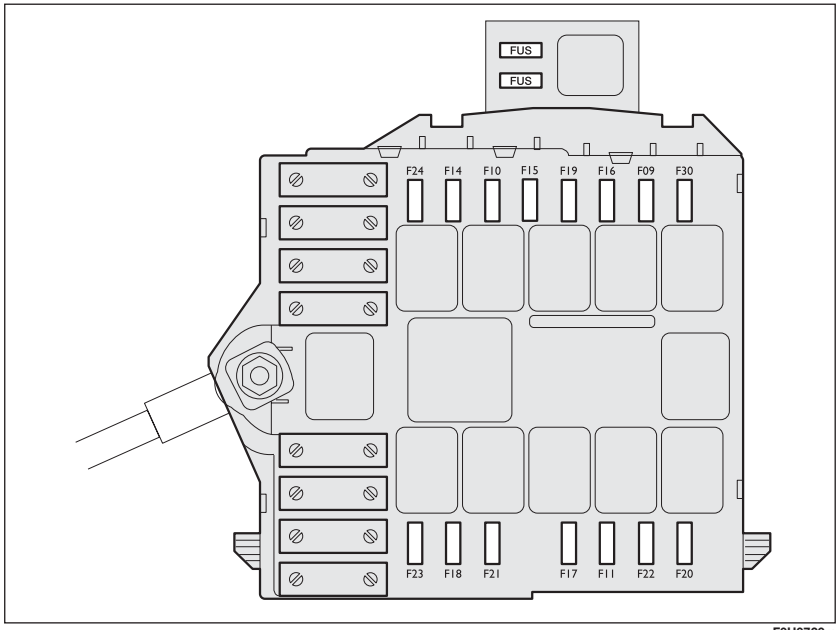


fig. 42 F0H0720m

FUSE SUMMARY TABLE

Control box on dashboard

USER	FUSE	AMPERE
Right-hand dipped beam headlight	F12	7.5
Left-hand dipped beam headlight / headlight aiming device	F13	7.5
Reversing lights / engine compartment control box relay coils / body computer	F31	7.5
Available	F32	–
Left rear power window	F33	20
Right rear power window	F34	20
+15 Cruise control, signal from switch on brake pedal for control units (*)	F35	7.5
+30 Presetting for trailer control unit, rear locks front locks with single door control unit (*)	F36	10
+15 Third brake light, instrument panel, brake lights (*)	F37	7.5
Boot unlocking	F38	20
+30 EOBD diagnostic socket, sound system, navigator, tyre pressure control unit (*)	F39	10
Rear heated screen	F40	30
Heated door electric mirrors	F41	7.5
+15 ABS / ESP control unit (*)	F42	7.5
Windscreen wiper/washer	F43	30
Cigar lighter / current socket on tunnel	F44	15
Heated seats	F45	15
Boot current socket	F46	15
Driver's door control unit power supply (power window, lock)	F47	20
Passenger's door control unit power supply (power window, lock)	F48	20
+15 utilities (left and central dashboard control lights, electric mirrors, heated seat control lighting, presetting for radiotelephone, navigator, rain / daylight sensors, parking sensor control unit, sunroof control lighting) (*)	F49	7.5
Airbag control unit	F50	7.5
+15 Tyre pressure control unit, ECO / Sport control (*)	F51	7.5
Rear screen wiper/washer	F52	15
+30 Direction indicators, hazard lights, instrument panel (*)	F53	7.5

(*) +30 = battery directive positive terminal (not under key)
+15 = positive terminal under key

Fuse box in engine compartment

USER	FUSE	AMPERE
Headlight washer fluid	F9	20
Horn	F10	15
Electronic injection secondary services	F11	15
Right main beam headlight	F14	7.5
Left main beam headlight	F15	7.5
Electronic injection primary services	F17	10
+30 Engine control unit / Radiator electric fan remote control switch (1.9 Multijet) (*)	F18	10
Compressor	F19	7.5
Free	F20	–
Fuel pump	F21	15
Electronic injection primary services (1.2 16V, 1.4 16V)	F22	15
Electronic injection primary services (Multijet engine)	F22	20
Electronic injection primary services (petrol engine)	F22	15
+30 Dualogic gearbox (*)	F23	30
+15 Electric power steering (*)	F24	7,5
Front fog lights	F30	15

(*) +30 = battery directive positive terminal (not under key)
+15 = positive terminal under key

Optional fusebox (on auxiliary bracket)

USER	FUSE	AMPERE
+30 Outside radio amplifier (*)	F54	15
+30 Sunroof (*)	F58	20

(*) +30 = battery directive positive terminal (not under key)
+15 = positive terminal under key

IF THE BATTERY IS FLAT

WARNING The battery charging procedure is described only for information purposes. This operation should be carried out by Fiat Dealership.

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

Charge the battery as follows:

- ❒ disconnect battery negative terminal;
- ❒ connect the charger cables to the battery terminals, observing the poles;
- ❒ turn on the charger;
- ❒ when you have finished, turn the charger off before disconnecting the battery;
- ❒ reconnect battery negative terminal.

WARNING If the vehicle is fitted with alarm system, turn it off with the remote control (see "Alarm" in the "Dashboard and controls" chapter).

JACKING THE CAR

If the car is to be lifted, go to a Fiat Dealership which is equipped with the arm hoist or workshop lift.

Jack up the car only by positioning the jack arms or the shop jack in the points shown in the figures **fig. 43**.

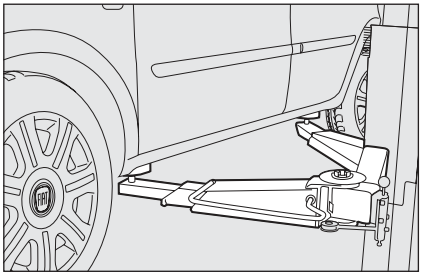


fig. 43 F0H0752m

WARNING

The liquid in the battery is poisonous and corrosive. Do not let it touch the skin or eyes. Recharging the battery should be done in a well ventilated area away from naked flames or possible sources of sparks: explosion and fire risk.

WARNING

Do not attempt to recharge a frozen battery. Thaw it first, otherwise it could explode. If the battery froze, make sure the internal elements are not broken (short-circuit risk) and that the casing is not cracked (risk of spilling the poisonous and corrosive fluid).

TOWING THE CAR

The car is delivered with two tow rings: the short tow ring shall be fitted at the front and the long one at the back.

Side figures show how rear (long) ring was arranged, within spare wheel **fig. 44** and in the container of kit Fix & Go automatic, respectively **fig. 45**.

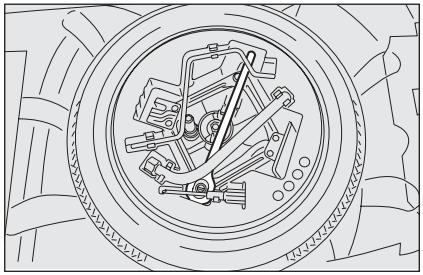


fig. 44 F0H0342m

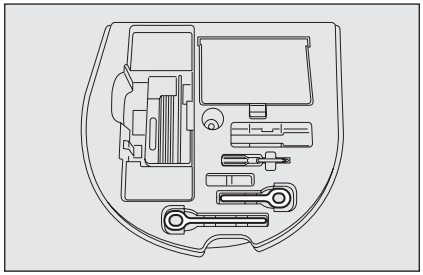


fig. 45 F0H0361m

HOW TO REMOVE TOW HITCH CAPS

To avoid damaging the cap **A-fig. 46**, proceed as follows:

❒ take the screwdriver provided in the tool kit;

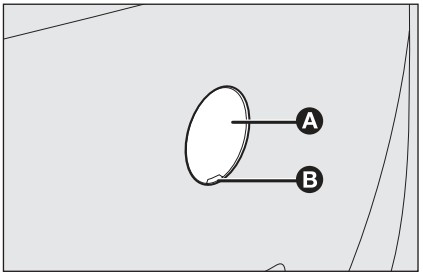


fig. 46 F0H0250m

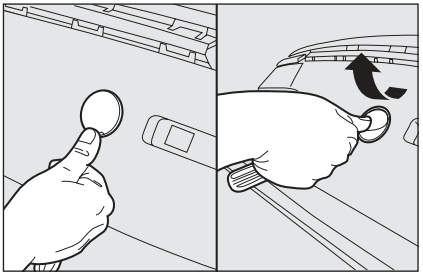


fig. 47 F0H0251m

❒ insert the screwdriver in the cap slot **B**;

❒ put the hand thumb on the cap to prevent damaging it **fig. 47**;

❒ remove the cap (without turning it) making a movement perpendicular to the supporting surface **fig. 47**.

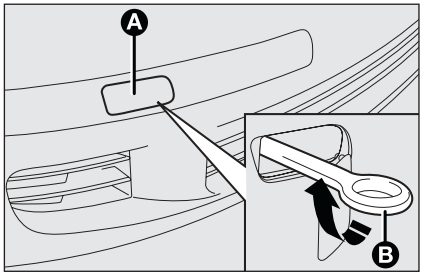


fig. 48 F0H0204m

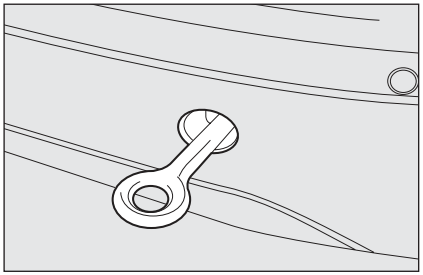


fig. 49 F0H0205m

TOW RING HOOKING

Proceed as follows:

- ❒ take the tow ring **B** from its support;
- ❒ tighten the ring on the rear **fig. 48** or front threaded pin **fig. 49**.

WARNING

Before starting to tow, turn the ignition key to MAR and then to STOP. Do not remove the key. If the key is removed, the steering lock engages automatically which prevents the wheels being turned.

WARNING

While the car is being towed with the engine off, remember that the brake pedal and steering will require more effort as you no longer have the benefit of the brake booster and the electrical power steering. Do not use flexible cables to tow. Avoid jerking. Whilst towing, ensure that the coupling to the car does not damage the surrounding components. When towing the car, you must comply with the specific traffic regulations regarding the tow hitch and how to tow on the road.

WARNING

Do not start the engine when towing the car.

CAR MAINTENANCE

SCHEDULED SERVICING

Correct maintenance is essential for ensuring long car life under the best conditions.

This is why Fiat has programmed a series of checks and maintenance operations every 20,000 km.

It is however important to remember that scheduled servicing does not completely cover all the car's requirements: also in the initial period before 20,000 km service coupon and later, between one coupon and another, ordinary care is still required such as for example routine check and topping up the level of fluids, tyre pressure check, etc...

IMPORTANT The Programmed Maintenance coupons are specified by the Manufacturer. The failure to have them carried out may invalidate the warranty.

Scheduled Servicing is performed by all Fiat Dealership, at pre-established times.

If during each operation, in addition to the ones programmed, the need arises for further replacements or repairs, these may be carried out only with the explicit agreement of the Customer.

IMPORTANT You are advised to contact Fiat Dealership in the event of any minor operating faults, without waiting for the next service coupon.

If your car is used frequently for towing, the interval between one service coupon and the other must be reduced.

SERVICE SCHEDULE

Thousands of km	20	40	60	80	100	120	140	160	180
Check tyre conditions/wear and adjust pressure if required	●	●	●	●	●	●	●	●	●
Check light system operation (headlights, direction indicators, hazard lights, boot lights, passenger compartment lights, dashboard warning lights, etc.)	●	●	●	●	●	●	●	●	●
Check windscreen/washer (nozzles/and blade position regulation)	●	●	●	●	●	●	●	●	●
Check front disc brake pad condition and wear and operation of brake pad wear indicator.	●	●	●	●	●	●	●	●	●
Check rear drum brake lining conditions and wear			●			●			●
Check rear (where provided) disk brake pad conditions and wear		●		●		●		●	
Sight inspect the conditions of: body external parts, underbody protection pipes and hoses (exhaust, fuel, brakes), rubber parts (boots, sleeves, bushes, etc.)	●	●	●	●	●	●	●	●	●
Check for bonnet and boot lock cleanness, lever cleanness and lubrication	●	●	●	●	●	●	●	●	●
Check tension and adjust accessory drive belts (excluding engines with automatic belt tighteners)	●						●		
Check tension and adjust accessory drive belts			●						●
Check and adjust tappet clearance (1.4 8V versions)			●			●			●

Thousands of km	20	40	60	80	100	120	140	160	180
Check and adjust handbrake lever stroke		●		●		●		●	
Check exhaust emissions/smoke (Multijet versions)		●		●		●		●	
Check exhaust emissions (petrol versions)		●		●		●		●	
Change fuel filter cartridge (Multijet versions)			●			●			●
Change air cleaner cartridge (petrol versions)			●			●			●
Change air cleaner cartridge (Multijet versions) (❑)			●			●			●
Top up fluids (engine coolant, brakes, windscreen washer, battery, Dualogic/Dual FuNction System, etc.)	●	●	●	●	●	●	●	●	●
Check timing belt conditions (■)			●						●
Replace timing belt (*) (■)						●			
Replace timing belt (1.6 Multijet versions) (*)							●		
Replace accessory drive belt/s						●			
Change spark plugs (petrol versions)		●		●		●		●	
Check engine control system operation (through diagnosis socket)		●		●		●		●	
Change engine oil and oil filter (petrol versions)	●	●	●	●	●	●	●	●	●
Change engine oil and oil filter (Multijet versions with DPF) (**)									
Change engine oil and oil filter (Multijet versions without DPF) (▲)									
Change brake fluid (or every 2 years)			●			●			●
Change pollen filter (or every year)	●	●	●	●	●	●	●	●	●

(*) Or every 4 years for particularly demanding use:
- cold/hot climates;
- driving in the city idling for a long time;
- dusty roads or roads covered with sand and/or salt

Or every 5 years, regardless of the km covered and conditions of use.

(**) Engine oil and oil filter shall be changed when the corresponding warning light turns on (see section "Warning lights and Messages"), or in any case every 2 years.

(❑) Every 30.000 km for 1.3 Multijet versions (■) Excluding 1.3 Multijet and 1.6 Multijet versions (▲) Every 30.000 km

ANNUAL INSPECTION SCHEDULE

For cars with an annual mileage of below 20,000 km (for example about 15,000 km) the following yearly inspection programme is provided:

- ❒ check tyre conditions/wear and adjust pressure if required (including the spare wheel);
- ❒ check lighting system operation (headlights, direction indicators, hazard lights, boot lights, passenger compartment lights, warning lights, etc.);
- ❒ check windscreen/washer (nozzles/ and blade position regulation)
- ❒ check front disk brake pad conditions and wear;
- ❒ sight inspect the conditions of: engine, gearbox, transmission, pipes and hoses (exhaust - fuel - brakes), rubber parts (boots, sleeves, bushes, etc;
- ❒ check for bonnet and boot lock cleanness, lever cleanness and lubrication;
- ❒ check battery charge;
- ❒ visual check on various drive belt conditions;
- ❒ top up fluid levels (engine coolant, brakes, windscreen washer, battery, etc.);
- ❒ change engine oil;
- ❒ change engine oil filter;
- ❒ replace pollen filter (where provided).

ADDITIONAL CHECKS

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

- ❒ engine coolant fluid level;
- ❒ brake fluid level;
- ❒ windscreen washer fluid level;
- ❒ tyre pressure and conditions.

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

You are recommended to use FL Selenia products, designed and produced specifically for Fiat cars (see table “Capacities” in section “Technical specifications”).

IMPORTANT - Engine oil

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

- ❒ trailer or caravan towing;
- ❒ dusty roads;
- ❒ short distances (less than 7-8 km) repeated and with external temperatures below zero;
- ❒ frequently idling engines or long distance low speed driving (e.g. taxis or door-to-door deliveries) or in case of a long term inactivity;

replace engine oil more frequently than required on "Service schedule".

IMPORTANT - Air cleaner

If the car is used on dusty roads change the air cleaner more frequently than the indications in the "Service schedule".

If in doubt as to how often the engine oil and air cleaner should be changed according to how you use the car, contact a Fiat Dealership.

IMPORTANT - Pollen filter

If the vehicle is used frequently in dusty or heavily polluted environments it is advisable to replace the filtering element more frequently; in particular it should be replaced if a reduction of the amount of air admitted to the passenger compartment is noted.

IMPORTANT - Diesel filter

The possibility of topping up with diesel fuel not complying with EN590 European Norm might make it necessary to replace the filter more frequently than indicated in the "Service schedule".

IMPORTANT - Battery

The charge in the battery should be checked at the start of winter to limit the risk of electrolyte freezing.

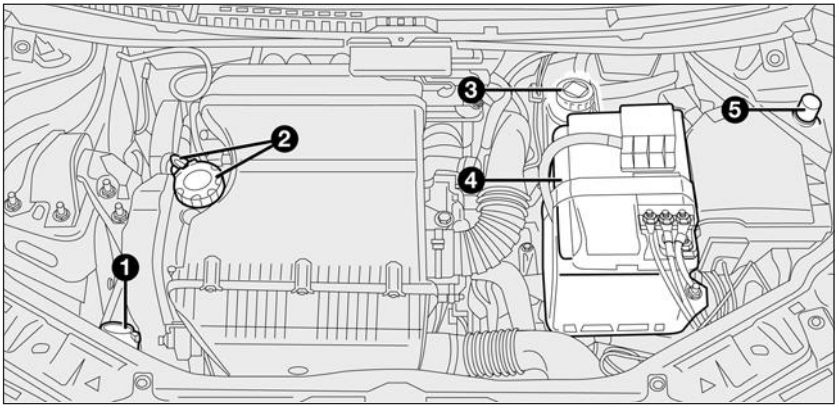
This check should be carried out more frequently if the car is used mainly for short trips, or if it is fitted with accessories that permanently absorb electricity even with the ignition key removed, especially in the case of after market accessories. If the car is used in hot climates or particularly harsh conditions it is wise to check the level of the battery fluid (electrolyte) more frequently than specified in the "Service schedule" in this section.

Car maintenance should be entrusted to Fiat Dealership. For routine and minor maintenance operations you wish to carry out yourself, always make sure you have the proper equipment, genuine Fiat spare parts and the necessary fluids; do not however carry out these operations if you have no experience.

CHECKING FLUID LEVELS

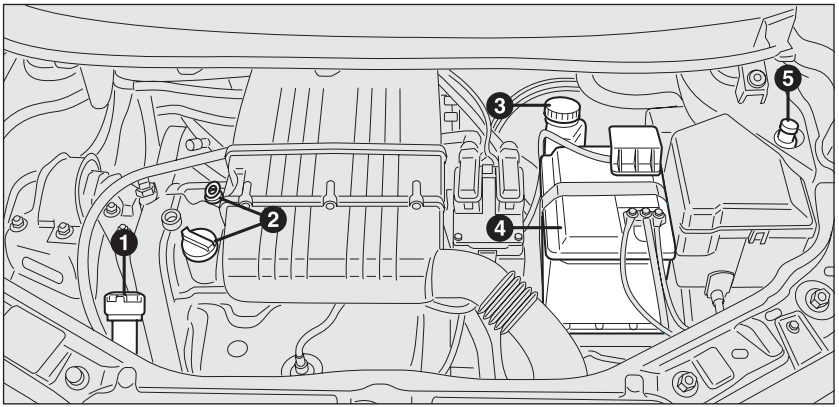
IMPORTANT When topping up take care not to confuse the various types of fluids: they are all incompatible with one another and could seriously damage the car.

IMPORTANT Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.



F0H0721m

fig. 1 - 1.2 16V and 1.4 16V versions



F0H0722m

fig. 2 - 1.4 8V versions (where provided)

1 Engine coolant
2 Engine oil
3 Brake fluid
4 Battery
5 Windscreen/rear window/headlight washer fluid

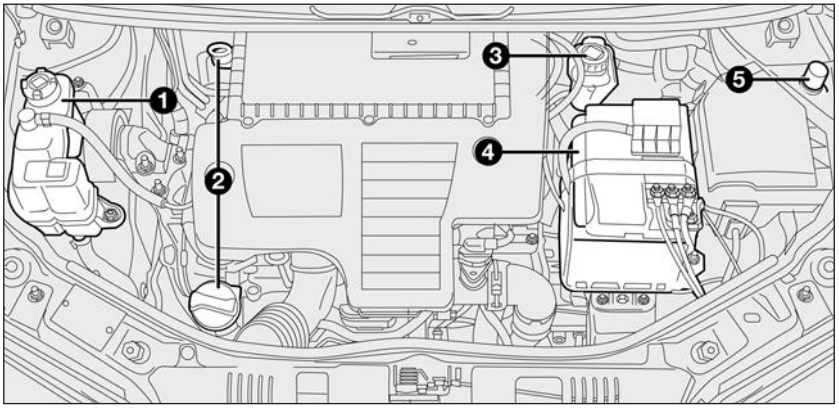


fig. 3 - 1.3 Multijet versions

1 Engine coolant
2 Engine oil
3 Brake fluid
4 Battery
5 Windscreen/rear window/headlight washer fluid

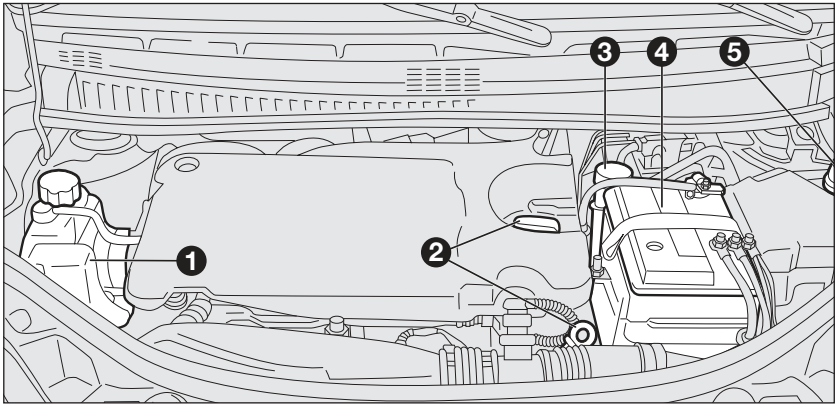


fig. 4 - 1.6 Multijet versions

1 Engine oil
2 Battery
3 Brake fluid
4 Windscreen/rear window/headlight washer fluid
5 Engine coolant

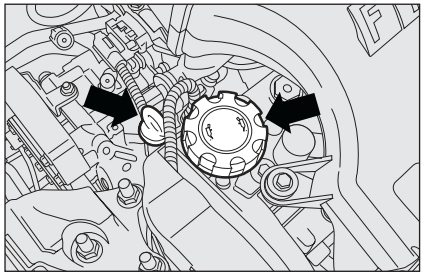


fig. 5 - 1.2 16V - 1.4 16V versions F0H0754m

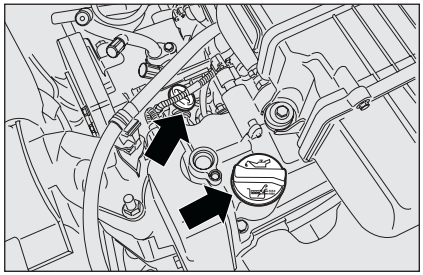


fig. 6 - 1.4 8V versions (where provided) F0H0258m

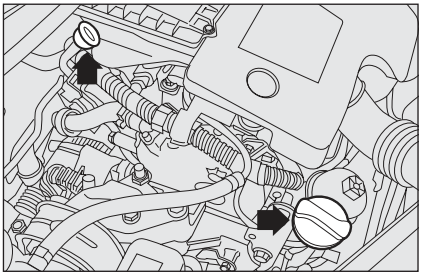


fig. 7 - 1.3 Multijet versions F0H0180m

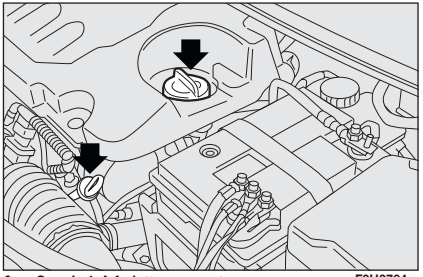


fig. 8 - 1.6 Multijet versions F0H0764m

ENGINE OIL fig. 5-6-7-8

Checking engine oil

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

Check that the level is within the MIN and MAX marks on the dipstick. The interval between the MIN and MAX marks corresponds to about one litre of oil.

Topping up engine oil

If the oil level is near or even below the MIN mark, add oil through the filler neck, until reaching the MAX mark. Oil level shall never exceed the MAX mark.

IMPORTANT If a routine check reveals that the oil level is above the MAX mark, contact Fiat Dealership to have the correct level restored.

IMPORTANT After adding or changing the oil, let the engine turn over for a few seconds and wait a few minutes after turning it off before you check the level.

Engine oil consumption

Max engine oil consumption is usually 400 grams every 1000 km.

When the car is new, the engine needs to run in, therefore the engine oil consumption can only be considered stabilised after the first 5000 - 6000 km.

IMPORTANT The oil consumption depends on driving style and the conditions under which the car is used.

IMPORTANT Do not add oil with specifications other than that already in the engine.

WARNING

When the engine is hot, take care when working inside the engine compartment to avoid burns. Remember that when the engine is hot, the fan may cut in: danger of injury. Scarves, ties and other loose clothing might be pulled by moving parts.

Used engine oil and filter contain harmful substances for the environment. Contact Fiat Dealership to have the oil and filter changed.

ENGINE COOLANT FLUID
fig. 9-10

The coolant level shall be checked with cold engine and shall be included between the **MIN** and **MAX** mark on the reservoir.

If the level is low, pour slowly a mixture of 50% distilled water and 50% FL Selenia **PARAFLU UP** through the filler neck.

A 50-50 mixture of **PARAFLU UP** and distilled water gives freeze protection to –35°C.

When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of **PARAFLU UP** and demineralised water.

IMPORTANT Do not remove the reservoir cap when the engine is hot: you risk scalding yourself.

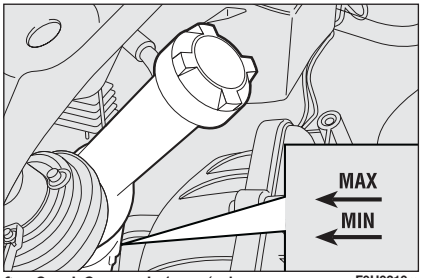


fig. 9 - 1.2 16V, 1.4 8V (where provided), 1.4 16V versions

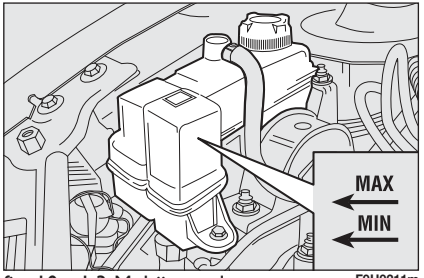


fig. 10 - 1.3 Multijet and 1.6 Multijet versions

WARNING

The cooling system is pressurised. If necessary, replace the cap only with another genuine one, otherwise system efficiency could be compromised.

WARNING

The cooling system uses PARAFLU UP antifreeze. Do not add fluid having different specifications from that already existing. PARAFLU UP cannot be mixed with other types of fluids. Should other fluids be added, do not start the engine and contact Fiat Dealership as soon as possible.

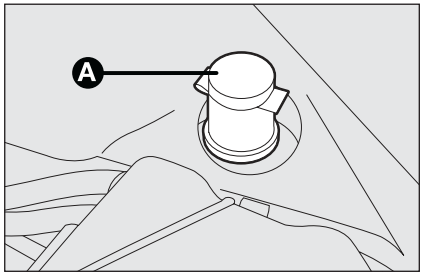


fig. 11

WINDSCREEN/REAR WINDOW/HEADLIGHT WASHER FLUID

To top up, remove the cap **A-fig. 11** and then pour a mixture of water and **TUTELA PROFESSIONAL SC 35**, in the following concentrations:

- ❒ 30% **TUTELA PROFESSIONAL SC 35** and 70% water in summer;
- ❒ 50% **TUTELA PROFESSIONAL SC 35** and 50% water in winter.

In case of temperatures below –20°C, use undiluted **TUTELA PROFESSIONAL SC 35**.

Check level through the reservoir.

WARNING

Do not travel with the windscreen washer reservoir empty: the windscreen washer is fundamental for improving visibility.

WARNING

Certain commercial additives for windscreen washers are inflammable. The engine compartment contains hot components which may set it on fire.

BRAKE FLUID fig. 12

Unscrew cap: check that the fluid level in the reservoir is at maximum.

Fluid level in the reservoir shall not exceed the **MAX** mark.

If fluid has to be added, it is suggested to use the brake fluid in table "Fluids and lubricants" (see chapter "Technical characteristics").

NOTE Clean accurately the tank cap and the surrounding surface.

At plug opening, pay maximum attention in order to prevent any impurities from entering the tank.

For topping up, always use a funnel with integrated filter with mesh equal to or lower than 0.12 mm.

IMPORTANT Brake fluid absorbs moisture, for this reason, if the vehicle is mainly used in areas with a high degree of atmospheric humidity, the fluid should be replaced at more frequent intervals than specified in the "Service schedule".

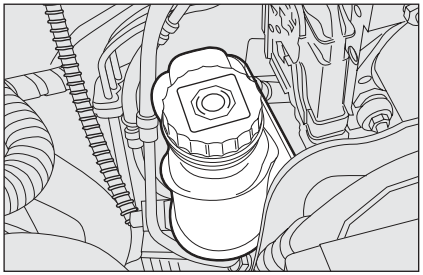


fig. 12 F0H0213m

Make sure that the highly corrosive brake fluid does not drip onto the paintwork. If it does, wash it off immediately with water.

WARNING

Brake fluid is poisonous and highly corrosive. In the event of accidental contact, wash the parts involved immediately with neutral soap and water, then rinse thoroughly. Call the doctor immediately if the fluid is swallowed.

WARNING

Symbol ◎ on the container indicates synthetic brake fluid, distinguishing it from the mineral kind. Using mineral fluids irreversibly damages the special braking system rubber seals.

DIESEL FUEL FILTER ("green filter")

DRAINING THE CONDENSE (diesel versions)

WARNING

The presence of water in the fuel circuit may cause serious damage to the entire injection system and cause irregular engine operation. If the warning light turns on (or on certain versions, a dedicated message is shown on the reconfigurable multifunction display) contact a Fiat Dealership as soon as possible to have the bleeding operation carried out. Should the above indications take place after refuelling, water has probably been poured into the tank: turn the engine off immediately and contact 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.

INSPECTING THE CHARGE AND THE ELECTROLYTE LEVEL

Inspection operations must be carried out by specialised personnel, following the prescriptions contained in the Owner Handbook.

Any top-up operations must be carried out exclusively by specialised personnel and by the Fiat Dealership.

WARNING

Battery liquid 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.

CHANGING THE BATTERY

If required, replace the battery with a genuine spare part having the same specifications.

If a battery with different specifications is fitted, the service intervals given in the "Service schedule" in this section will no longer be valid.

Refer therefore to the instructions provided by the battery manufacturer.

WARNING

Using the battery when the fluid is too low can damage it irreparably and generate a risk of explosion.

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 (alarms, mobile phone, etc.): they will suggest the most suitable devices and advise you if a higher capacity battery needs to be installed.

USEFUL ADVICE FOR LENGTHENING THE LIFE OF YOUR BATTERY

To avoid draining your battery and to lengthen its life, observe the following indications:

- ❒ when you park your car, ensure that doors, bonnet and flaps are well closed in order to ensure that no lights remain on inside the passenger compartment;
- ❒ switch off all lights inside the car: the car is however equipped with a system which switches all internal lights off automatically;
- ❒ when the engine is off, do not keep devices running for long periods (e.g. sound system, hazard lights etc.);
- ❒ before performing any operation on the electrical system, disconnect the battery negative terminal cable;
- ❒ screw the terminals of the battery down hard.

IMPORTANT If the charge level remains for a long time under 50%, the battery is damaged by sulphation, reducing its capacity and starting attitude.

The battery will also be more at risk of freezing (e.g. already at –10°C).

Refer to the paragraph "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 electric accessories which require permanent electric supply (alarm, etc.) contact the Fiat Dealership whose qualified personnel, in addition to suggesting the most suitable devices beloning to the Fiat Lineaccessori line, will evaluate the overall electric absorption, 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 absorbing energy even when the ignition key is off, they gradually run down the battery.

Batteries contain substances that can be very dangerous for the environment. t is advisable to have the battery changed by a Fiat Dealership where it will be disposed of according to the law.

WARNING

If the vehicle must remain unused for a long time at very low temperatures, remove the battery and carry it to a warm place, to avoid freezing.

WARNING

When performing any operations on the battery or near it, always protect your eyes with the special goggles.

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.

For the correct tyre inflation pressure, see "Wheels" in "Technical specifications" section.

Incorrect pressure causes abnormal tyre wear **fig. 13**:

A: normal pressure: tread evenly worn.

B: low pressure: tread particularly worn at the edges.

C: high pressure: tread particularly worn in the centre.

Tyres must be replaced when the tread wears down to 1.6 mm. In any case, comply with the laws in the country where the car is being driven.

IMPORTANT NOTES

- ❒ As far as possible, avoid sharp braking and screech starts, etc. Be careful not to hit the kerb, potholes or other obstacles hard. Driving for long stretches over bumpy roads can damage the tyres.

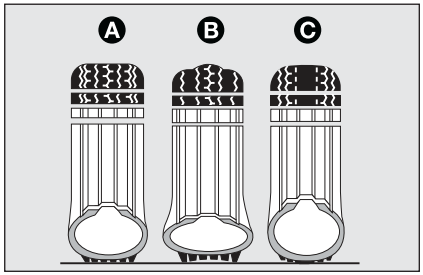


fig. 13 F0H0216m

- ❒ Periodically check that the tyres have no cuts in the side wall, abnormal swelling or irregular tyre wear. If any of these occur, have the car seen to at a Fiat Dealership.
- ❒ Avoid overloading the vehicle when travelling: this may cause serious damage to the wheels and tyres.
- ❒ If a tyre is punctured, stop immediately and change it to avoid damage to the tyre, the rim, suspensions and steering system.
- ❒ Tyres age even if they are not used much. Cracks in the tread rubber are a sign of ageing. In any case, if the tyres have been on the car for over 6 years, they should be checked by specialised personnel, to see if they can still be used. Also remember to check the spare wheel.
- ❒ In the case of replacement, always fit new tyres, avoiding those of dubious origin;
- ❒ If a tyre is changed, also change the inflation valve;
- ❒ To allow even wear between the front and rear tyres, it is advisable to change them over every 10-15 thousand kilometres, keeping them on the same side of the car so as to not reverse the direction of rotation.

WARNING

Remember that road holding depends also on the correct tyre inflating pressure.

If the pressure is too low the tyre overheats and this can cause it serious damage.

WARNING

Do not cross switch the tyres, moving them from the right of the car to the left and vice versa.

Never submit alloy rims to repainting treatments requiring to use temperatures exceeding 150°C since the mechanical properties of the wheels could be impaired.

RUBBER HOSES

As far as the brake system and fuel rubber hoses are concerned, carefully follow the "Service schedule" in this section.

Indeed ozone, high temperatures and prolonged lack of fluid in the system may cause hardening and cracking of the hoses, with possible leaks. Careful control is therefore necessary.

WINDSCREEN/ REAR WINDOW WIPERS

BLADES

Periodically clean the rubber part using special products; TUTELA PROFESSIONAL SC 35 is recommended.

If the rubber blades are bent or worn they should be replaced. In any case they should be changed once a year.

A few simple notions can reduce the possibility of damage to the blades:

- ❒ if the temperature fall below zero, make sure that ice has not frozen the rubber against glass. If necessary, thaw using an antifreeze product;
- ❒ remove any snow from the glass: in addition to protecting the blades, this prevents effort on the motor and overheating;
- ❒ do not operate the windscreen and rear window wipers on dry glass.

WARNING

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

Changing the windscreen wiper blades fig. 14

Proceed as follows:

- ❒ raise the windscreen wiper arm **A** and position the blade so that it forms an angle of 90° with the arm;
- ❒ press tab **B** of the coupling spring and remove the blade to be replaced from the arm **A**;
- ❒ fit the new blade by inserting the tab into the special slot in the arm. Make sure it is properly locked into place.

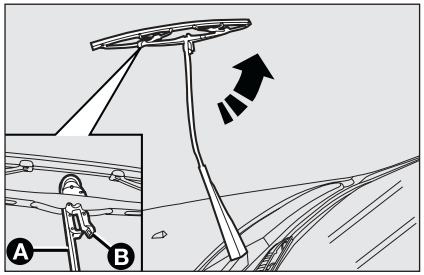


fig. 14 F0H0217m

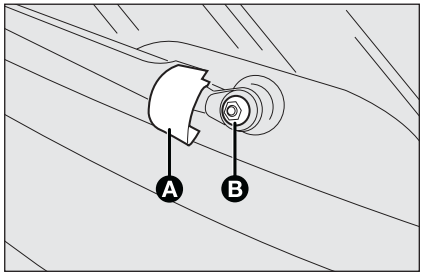


fig. 15 F0H0218m

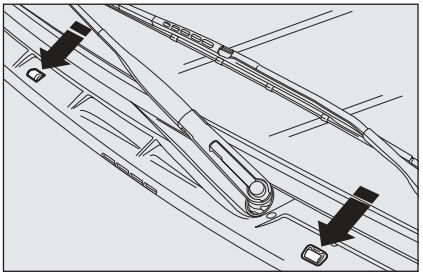


fig. 16 F0H0219m

Changing the rear window blade fig. 15

Proceed as follows:

- ❒ raise the cover **A** and remove the arm from the car, 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 wiper fig. 16

If the jet of fluid is inadequate, firstly check that there is fluid in the reservoir: see "Checking fluid levels" in this section).

Then check that the nozzle holes are not clogged, if necessary use a needle.

Windscreen nozzles are fluid-dynamic and do not require adjustment; windscreen fluid is atomized to cover a preset glass area.

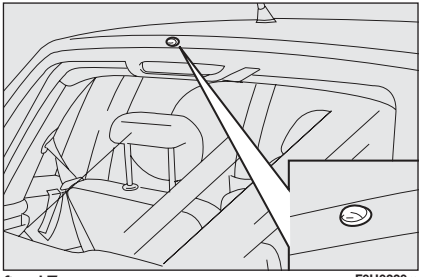


fig. 17 F0H0220m

Rear window wiper fig. 17

The rear window nozzle like the windscreen nozzle is fluid-dynamic and do not require adjustment; rear window fluid is atomized to cover a preset glass area.

The nozzle holder is located at the top of the tailgate.

BODYWORK

PROTECTION FROM ATMOSPHERIC AGENTS

The main causes of corrosion are the following:

- ❒ atmospheric pollution;
- ❒ salty air and humidity (coastal areas, or hot humid climates);
- ❒ seasonal environment conditions.

Not to be underestimated is also the abrasive action of wind-borne atmospheric dust and sand and mud and gravel raised by other vehicles.

On your Fiat Idea, Fiat implemented the best manufacturing technologies to effectively protect the bodywork against corrosion.

These include:

- ❒ Painting products and systems which give the car particular resistance to corrosion and abrasion;
- ❒ Use of galvanised (or pretreated) steel sheets, with high resistance to corrosion;
- ❒ Spraying of plastic parts, with a protective function, in the more exposed points: underdoor, inner fender parts, edges, etc.;
- ❒ Use of "open" boxed sections to prevent condensation and pockets of moisture from triggering rust inside.

BODY AND UNDERBODY WARRANTY

Your Fiat Idea is covered by warranty against perforation due to rust of any original element of the structure or body. For the general terms of this warranty, refer to "FIAT WARRANTY" booklet.

ADVICE FOR PRESERVING THE BODYWORK

Paint

Paintwork does not only serve an aesthetic purpose, but also protects the underlying sheet metal.

In the case of deep scrapes or scores, you are advised to have the necessary touching up carried out immediately to avoid the formation of rust. Use only original paint products for touching up (see "Bodywork paint identification plate" in section "Technical specification").

Normal paint maintenance consists in washing at intervals depending on the conditions and environment of use. For example, in highly polluted areas, or if the roads are sprayed with salt, it is wise to wash the car more frequently.

To correctly wash the car:

- ❒ remove the aerial from the roof to prevent damage to it if the car is washed in an automatic system;
- ❒ wash the body using a low pressure jet of water;
- ❒ wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing with the sponge;
- ❒ rinse well with water and dry with a jet of air or a chamois leather.

When drying, take particular care with the less visible parts like door surrounds, bonnet and around the headlights where water may stagnate. The car should not be taken to a closed area immediately, but left in the open so that residual water can 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 vehicle.

Where possible, do not park under trees; the resinous substance many species release give the paint a dull appearance and increase the possibility of triggering rust processes.

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

Windows

Use specific window cleaner products. Use also clean cloths to avoid scratching the glass or damaging the transparency.

IMPORTANT The inside of the rearscreen should be wiped gently with a cloth in the direction of the filaments to avoid damaging the heating device.

Front headlights

IMPORTANT When cleaning plastic lenses of front headlights, never use aromatic substances (e.g. petrol) or ketones (e.g.: acetone).

Engine compartment

At the end of the winter the engine compartment should be carefully washed, without directing the jet against electronic control units. Contact a specialised workshop to have this done.

IMPORTANT Washing should be carried out with the engine cold and the ignition key at STOP. After washing make sure that the various protections (e.g.: rubber caps and various covers) have not been damaged or removed.

Detergents cause water pollution. Therefore the car should be washed in areas equipped for collecting and purifying the liquid used in the washing process.

WARNING

Never use flammable products like oil ether or rectified petrol for cleaning car interiors. Electrostatic discharges generated by rubbing during cleaning operations could cause fire.

INTERIORS

Periodically check that water is not trapped under the mats (due to water dripping off shoes, umbrellas, etc.) which could cause oxidisation of the sheet metal.

CLEANING SEATS AND FABRIC AND VELVET PARTS

Use a soft brush or vacuum cleaner to remove dust. Velvet is cleaned better if the brush is moistened.

Rub the seats with a sponge moistened with a solution of water and neutral detergent.

CLEANING LEATHER SEATS

Remove dried on dirt with lightly moistened chamois leather or cloth without pressing too hard.

Remove liquid or grease stains with a dry absorbent cloth without rubbing. Then wipe with a soft cloth or chamois leather with water and neutral soap.

If the stain persists, use specific products, carefully following the instructions for use.

IMPORTANT Never use spirit or alcohol-based products.

INTERIOR PLASTIC PARTS

For routine cleaning, wipe with a cloth with water and neutral non-abrasive detergent. Remove grease or persistent stains with appropriate products designed to preserve the appearance of components.

IMPORTANT Never use spirit or petroleum to clean the instrument panel or other plastic parts.

Upholstery of your car has been designed to withstand wear deriving from common use of the car. You are however recommended to avoid strong and/or continuous scratching with clothing accessories such as metallic buckles, studs, Velcro fastenings and the like, since these items cause circumscribed stress of the cover fabric that could lead to yarn breaking, and damage the cover as a consequence.

STEERING WHEEL / GEARBOX LEVER KNOB AND SEATS COATED WITH REAL LEATHER

These components shall only be cleaned with water and neutral soap. Never use spirit or alcohol-based products.

Before using special products for cleaning interiors, read carefully label instructions and indications to make sure they are free from spirit and/or alcohol-based substances.

If when cleaning the windscreen with special glass products, some drops fall on the leather covering of the steering wheel/gear lever knob remove them immediately and then clean with water and neutral soap.

IMPORTANT Take the utmost care when engaging the steering lock to prevent scratching the leather covering.

WARNING

Do not keep aerosol cans in the car: they might explode. Aerosol cans must never be exposed to a temperature above 50°C. The temperature inside the car exposed to the sun may go well beyond that figure.

TECHNICAL SPECIFICATIONS

IDENTIFICATION DATA

You are advised to note the identification codes. The identification data stamped and given on the plates and their position are the following **fig. 1**:

1 - Model plate

2 - Chassis marking

3 - Bodywork paint identification plate

4 - Engine marking.

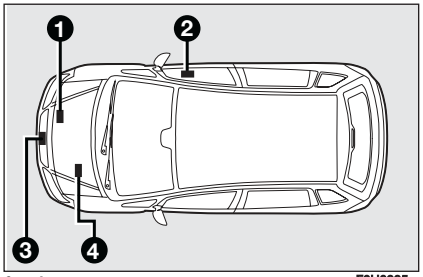


fig. 1 F0H0225m

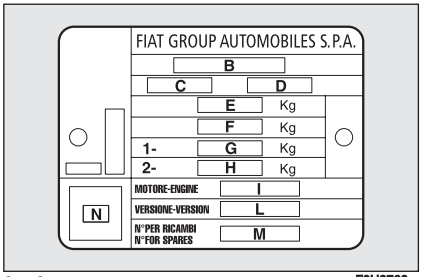


fig. 2 F0H0760m

MODEL PLATE fig. 2

The plate is to be found on the front crossmember of the engine compartment and bears the following identification data:

B - Homologation number.

C - Vehicle type code.

D - Chassis number.

E - Maximum vehicle weight fully loaded.

F - Maximum vehicle weight fully loaded with trailer.

G - Maximum vehicle weight on front axle.

H - Maximum vehicle weight on rear axle.

I - Engine type.

L - Body version code.

M - Spare part code.

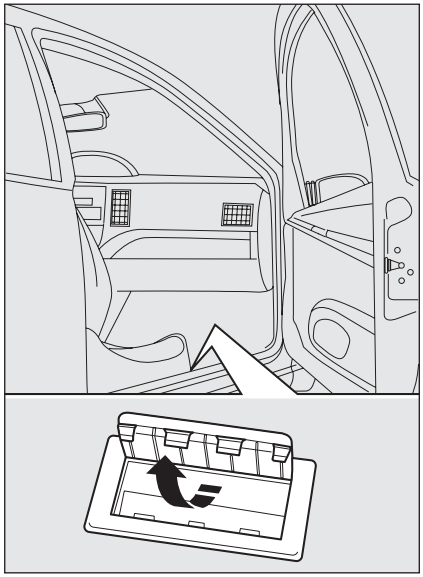
N - Smoke opacity index (for diesel engines).

HASSIS MARKING fig. 3

It is printed on the passenger compartment floor, near the right-hand front seat.

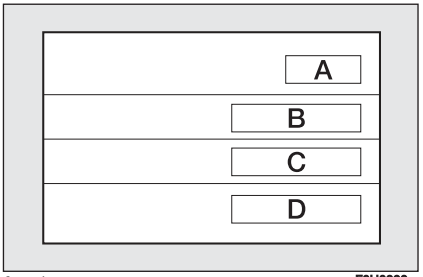
It can be reached by lifting the special flap in the carpeting and includes the following data:

- ❒ car model;
- ❒ chassis number.



F0H0227m

fig. 3



F0H0228m

fig. 4

BODYWORK PAINT IDENTIFICATION PLATE fig. 4

It is applied on front bonnet and shows following data:

A - Paint manufacturer.

B - Colour name.

C - Fiat colour code.

D - Respray and touch up code.

ENGINE MARKING

Engine marking is stamped on the cylinder block on passenger compartment side and includes the model and the chassis number.

ENGINE CODES - BODYWORK VERSIONS

Versions	Engine code	Bodywork version code
1.2 16V	188A5000	350 AXD1A 03 (5 seats) 350 AXD1A 03C (4 seats)
1.4 8V (◊)	350A1000	350 AXF1A 08 (5 seats) 350 AXF1A 08B (4 seats)
1.4 16V	843A1000	350 AXA1B 07E (5 seats) 350 AXA1B 07F (4 seats)
1.4 16V 90 CV (◊)	192B2000	350 AXE1A 06
1.3 Multijet 70 HP	188A9000	350 AXB1A 01N (5 seats) 350 AXB1A 01P (4 seats)
1.3 Multijet 90 HP	199A3000	350 AXG1A 09AA (5 seats) 350 AXG1A 09AB (4 seats) 350 AXG1A 09AC (5 seats) (*) 350 AXG1A 09AD (4 seats) (*)
1.6 Multijet	350A2000	350 AXH1A 11 (5 seats) (*) 350 AXH1A 11B (4 seats) (*)
1.6 Multijet 115 HP (◊)	350A3000	350 AXL1A 12 (5 seats) (*) 350 AXL1A 12B (4 seats) (*)
1.9 Multijet 100 HP (◊)	188B2000	350 AXC1A 02F (5 seats) 350 AXC1A 02E (4 seats)

(◊) Engine model provided for certain versions/markets only
(*) Version with DPF

ENGINE

		1.2 16V	1.4 8V (◊)	1.4 16V
GENERAL FEATURES				
Engine code		188A5000	350A1000	843A1000
Cycle		Otto	Otto	Otto
Number and layout of cylinders		4 in line	4 in line	4 in line
Valves per cylinder		4	2	4
Piston bore and stroke	mm	70.8 x 78.86	72 x 84	72 x 84
Total displacement	cm^3	1242	1368	1368
Compression ratio		10.6 ± 0.2	11 ± 0.2	11 ± 0.2
Maximum power (EEC)	kW	59	57	70
	HP	80	77	95
corresponding ratio:	rpm	5000	6000	5800
Maximum torque (EEC)	Nm	114	115	128
	kgm	11.6	11.7	13
corresponding ratio:	rpm	4000	3000	4500
Spark plugs		NGK DCPR7E-N-10 BOSCH YR7DEU	NGK ZKR7A-10	NGK ZKR7A-10
Fuel		Unleaded petrol 95 RON (EN228 Specifications)	Unleaded petrol 95 RON (EN228 Specifications)	Unleaded petrol 95 RON (EN228 Specifications)

(◊) Engine model provided for certain versions/markets only

		1.3 Multijet 70 HP	1.3 Multijet 90 HP	1.6 Multijet
GENERAL FEATURES				
Engine code:		188A9000	199A3000	350A2000
Cycle:		Diesel	Diesel	Diesel
Number and layout of cylinders:		4 in line	4 in line	4 in line
Valves per cylinder:		4	4	4
Piston bore and stroke	mm:	69.6 x 82	69.6 x 82	79.5 x 80.5
Total displacement	cm^3:	1248	1248	1598
Compression ratio:		18 ±0.4	17.6 ±0.4	16.5 ±1
Maximum power (EEC):	kW HP	51 70	66 90	88 120
corresponding ratio:	rpm	4000	4000	3500
Maximum torque (EEC):	Nm kgm	180 18.3	200 20	300 30.5
corresponding ratio:	rpm	1750	1750	1500
Spark plugs:		–	–	–
Fuel:		Diesel fuel for motor vehicles (EN590 Specifications)	Diesel fuel for motor vehicles (EN590 Specifications)	Diesel fuel for motor vehicles (EN590 Specifications)

FUEL FEED/IGNITION

	1.2 16V - 1.4 8V (◊) - 1.4 16V	1.3 Multijet - 1.6 Multijet
Fuel feed	Multipoint sequential phased electronic injection, returnless system	Direct injection with electronically controlled Multijet "Common Rail" with turbosupercharger and intercooler

(◊) Engine model provided for certain versions/markets only

TRANSMISSION

	1.2 16V - 1.4 8V (◊) - 1.3 Multijet - 1.6 Multijet	1.4 16V
Gearbox	Five forward gears and reverse with synchromesh for forward gear engagement	Five or six forward gears and reverse with synchromesh for forward gear engagement
Clutch	Hydraulic control, self-adjusting without travel-free pedal	Hydraulic control, self-adjusting without travel-free pedal
Drive	Front	Front

(◊) Engine model provided for certain versions/markets only

Modifications or repairs to the fuel 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.

BRAKES

	1.2 16V - 1.4 8V (◊) - 1.4 16V - 1.3 Multijet 70HP	1.3 Multijet 90HP - 1.6 Multijet
Service brakes:		
– front	Disc, self-ventilating (257 mm x 22 mm)	Disc, self-ventilating (284 mm x 22mm)
– rear	Drum type (203 mm x 38 mm)	1.3 Multijet 90HP: drum type (228 mm x 40 mm) 1.6 Multijet: disc (240 mm x 11 mm)
Parking brake	Controlled by hand lever, working on rear brakes	Controlled by hand lever, working on rear brakes

IMPORTANT Water, ice and antifreeze salt on roads may deposit on the brake discs thus reducing braking efficiency at first braking.

(◊) Engine model provided for certain versions/markets only

SUSPENSIONS

	1.2 16V - 1.4 8V (◊) - 1.4 16V - 1.3 Multijet - 1.6 Multijet
Front	Mc Pherson independent wheels
Rear	Interconnected wheels with twisting axle

(◊) Engine model provided for certain versions/markets only

STEERING

		1.2 16V - 1.4 8V (◊) - 1.4 16V - 1.3 Multijet - 1.6 Multijet
Type		Rack and pinion with electric power steering
Minimum steering cycle	m	10.0

(◊) Engine model provided for certain versions/markets only

WHEELS

RIMS AND TYRES

Pressed steel or alloy rims. Tubeless tyres with radial carcass. The homologated tyres are listed in the Log book.

IMPORTANT In the event of discrepancies between the information provided on this "Owner handbook" and the "Log book", consider the specifications shown in the log book only.

Attaining to the prescribed size, to ensure safety of the car in movement, it must be fitted with tyres of the same make and type on all wheels.

IMPORTANT Do not use inner tubes with Tubeless tyres.

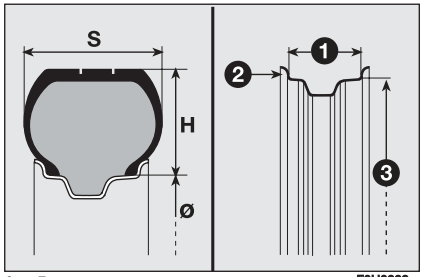


fig. 5

SPACE-SAVER SPARE WHEEL

Pressed steel rim. Tubeless tyre.

WHEEL GEOMETRY

Front wheel toe-in measured from rim to rim: 0 ±1 mm.

The values refer to the car in running order.

UNDERSTANDING TYRE MARKING

Example: 185/65 R 14 86 T

185 = Nominal width (S, distance between sidewalls in mm).
65 = Percentage height/width ratio (H/ S).
R = Radial tyre.
14 = Rim diameter in inches (Ø).
86 = Load rating.
T = Maximum speed rating.

Load rating

60 = 250 kg
61 = 257 kg
62 = 265 kg
63 = 272 kg
64 = 280 kg
65 = 290 kg
66 = 300 kg
67 = 307 kg
68 = 315 kg
69 = 325 kg
70 = 335 kg
71 = 345 kg
72 = 355 kg
73 = 365 kg
74 = 375 kg
75 = 387 kg
76 = 400 kg
77 = 412 kg
78 = 425 kg
79 = 437 kg
80 = 450 kg
81 = 462 kg
82 = 475 kg
83 = 487 kg
84 = 500 kg
85 = 515 kg
86 = 530 kg
87 = 545 kg
88 = 560 kg
89 = 580 kg
90 = 600 kg
91 = 615 kg
92 = 630 kg
93 = 650 kg
94 = 670 kg
95 = 690 kg
96 = 710 kg
97 = 730 kg
98 = 750 kg
99 = 775 kg
100 = 800 kg
101 = 825 kg
102 = 850 kg
103 = 875 kg
104 = 900 kg
105 = 925 kg
106 = 950 kg

Maximum speed rating

Q = up to 160 km/h.

R = up to 170 km/h.

S = up to 180 km/h.

T = up to 190 km/h.

U = up to 200 km/h.

H = up to 210 km/h.

V = up to 240 km/h.

W = up to 270 km/h.

Y = up to 300 km/h.

UNDERSTANDING RIM MARKING

Example: 6 J x 14 ET 40

6 = rim width in inches (1).

J = rim drop center outline (side projection where the tyre bead rests) (2).

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

ET = "hump" shape and number (relief on the circumference holding the Tubeless tyre bead on the rim).

35 = wheel camber angle (distance between the disc/rim supporting plane and the wheel rim centre line).

VERSIONS	RIMS	TYRES		SPACE-SAVER SPARE	
		Standard	Snow	Rim	Tyre
1.2 - 1.4 petrol and 1.3 Multijet 70HP	6J x 14" ET 40	185/65 R14 86T	185/65 R14 86Q (M+S)	4B x 14" (***)	135/80 B14 84M (***)
	6J x 15" ET 40 (*)	195/60 R15 88T	195/60 R15 88Q (M+S)		or
	$6^{1}/_{2}$ J x 16" ET 40 (alloy)	205/50 R16 87V (**)	–	4B x 15"	125/80 R15 95M
1.3 Multijet 90HP and 1.6 Multijet	6J x 15" ET 40 (*)	195/60 R15 88T	195/60 R15 88Q (M+S)		
	$6^{1}/_{2}$ J x 16" ET 40 (alloy)	205/50 R16 87V (**)	–	4B x 15"	125/80 R15 95M

(*) Optional alloy rim
(**) Tyres cannot be fitted with snow chains
(***) IMPORTANT: 14" wheel can only be used on 1.2-1.4 petrol type and 1.3 Multijet 70HP **cars with a chassis number greater than 74500**

COLD TYRE INFLATION PRESSURE (bar)

Size	STANDARD TYRES			
	Medium load		Full load	
	Front	Rear	Front	Rear
185/65 R14 86T	2.2	2.1	2.3	2.3
195/60 R15 88T	2.2	2.1	2.3	2.3
205/50 R16 87V	2.2	2.1	2.3	2.3

SPARE WHEEL	135/80 B14 84M	2.8
	125/80 R15 95M	4.2

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm. Recheck pressure value with cold tyres.
With snow tyres, add +0.2 bar to the inflation pressure value prescribed for standard tyres.

DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres.

The height refers to the vehicle unladen.

Boot volume

Unladen boot volume
(V.D.A. standards) . . . . . 315 dm^3

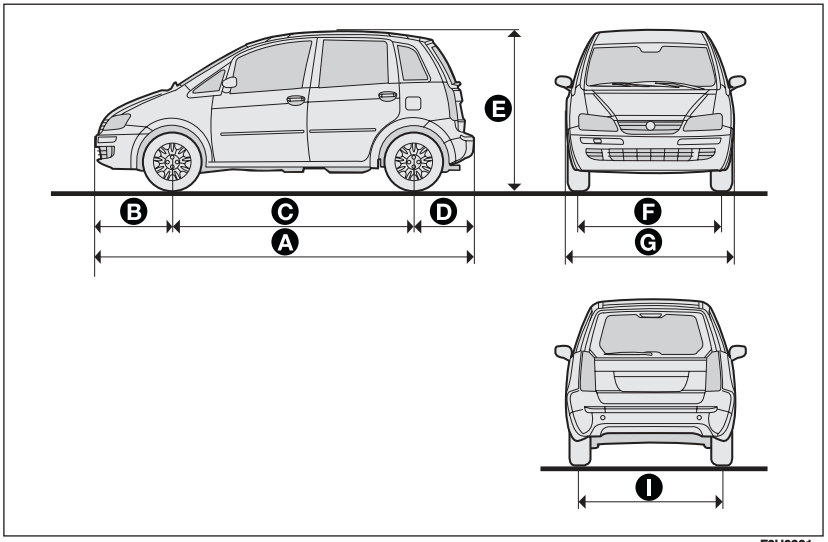


fig. 6

A	B	C	D	E	F (*)	G	I
3930	794	2508	628	1660 (●)	1434	1698	1424

(*) Track measurements may vary according to rim size.
(●) 1690 with longitudinal bars

PERFORMANCE

Top admitted speed after initial car use in km/h.

1.2 16V	1.4 8V (◊)	1.4 16V	1.3 Multijet 70HP	1.3 Multijet 90HP	1.6 Multijet
163	163	175	159	173	190

(◊) Engine model provided for certain versions/markets only

WEIGHTS

Weights (kg)	1.2 16V	1.4 8V (◊) - 1.4 16V	1.3 Multijet	1.6 Multijet
Empty weight (including all fluids, fuel tank at 90 % and with no optional):	1155	1155	1200	1275
Payload (*) including the driver:	500	500	500	500
Maximum admitted loads (**)				
– front axle:	940	940	940	1000
– rear axle:	805	805	805	805
– total:	1655	1655	1700	1775
Towable loads:				
– trailer with brakes:	1000	1000	1000	1100
– trailer without brakes:	400	400	400	500
Maximum load on roof:	75	75	75	75
Maximum load on tow hitch (trailer with brakes):	60	60	60	60

(*) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases thus reducing the specified payload.

(**) Loads not to be exceeded. The driver is responsible for arranging the loads in the boot an/or on the roof so that they comply with these limits.

(◊) Engine model provided for certain versions/markets only

CAPACITIES

	1.2 16V		1.4 8V (◊)		1.4 16V		1.3 Multijet		1.6 Multijet		Specified fuels Recommended products
	litres	kg	litres	kg	litres	kg	litres	kg	litres	kg	
Fuel tank:	47	–	47	–	47	–	–	–	–	–	Unleaded Premium petrol with no less than 95 R.O.N (EN228 Specifications)
including a reserve of:	5 - 7	–	5 - 7	–	5 - 7	–	–	–	–	–	
Fuel tank:	–	–	–	–	–	–	47	–	47	–	Diesel fuel for motor vehicles (Specification EN590)
including a reserve of:	–	–	–	–	–	–	5 - 7	–	5 - 7	–	
Engine cooling system:	4.5	–	4.5	–	4.5	–	6.0	–	7.8	–	Mixture of distilled water and **PARAFLU UP** at 50% (❐)
Engine sump:	2.5	2.2	2.4	2.1	2.75	2.4	–	–	–	–	**SELENIA 20K (❐)**
Engine sump and filter:	2.7	2.35	2.6	2.25	2.9	2.55	–	–	–	–	
Engine sump:	–	–	–	–	–	–	2.85	2.54	4.4	3.74	**SELENIA WR**
Engine sump and filter:	–	–	–	–	–	–	3.0	2.65	4.7	4.0	
Gearbox/ differential casing:	1.65	1.5	1.65	1.5	1.65	1.5	1.98	1.8	–	1.6	**TUTELA CAR TECHNYX**
Hydraulic brake circuit:	0.45	–	0.45	–	0.45	–	0.45	–	0.45	–	**TUTELA TOP 4**
Windscreen and rear window washer fluid reservoir:	1.5	–	1.5	–	1.5	–	1.5	–	1.5	–	Mixture of water and **TUTELA PROFESSIONAL SC 35**

(❐) When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFLU UP and demineralised water.

FLUIDS AND LUBRICANTS

RECOMMENDED PRODUCTS AND THEIR SPECIFICATIONS

Use	Fluid and lubricant specifications for correct car operation	Original fluids and lubricants	Change
Lubricants for petrol engines	Synthetic-based oils, grade SAE 10W-40, ACEA A3, API SL; **FIAT 9.55535-G2** qualification	**SELENIA 20K** Contractual Technical Reference N° F405.N04	According to Service Schedule
Lubricants for Multijet engines	Synthetic-based oils, grade SAE 5W-40, **FIAT 9.55535-N2** qualification	**SELENIA WR** Contractual Technical Reference N° F515.D06	According to Service Schedule

For diesel engines, in emergency cases where genuine products are not available, lubricants with min. performance ACEA C2 are accepted. If this is the case, the best engine performance is not guaranteed. We however recommend replacing the lubricant with those recommended by Fiat Dealership.

The use of products with features lower than ACEA A1/B1 and ACEA C2 could cause engine damage which is not covered by warranty.

If the vehicle is used in particularly cold climates, ask your Fiat Dealership for the right **Selenia** product.

Use	Fluid and lubricant specifications for correct car operation	Original fluids and lubrificants	Applications
Lubricants and greases for transmission	Fully synthetic oil, grade SAE 75W-85 that passes API GL-4 PLUS, FIAT 9.55550 MIL-L- 2105 D LEV. Specifications Qualification **FIAT 9.55550-MX3**	**TUTELA CAR TECHNYX** Contractual Technical Reference N° F010.B05	Mechanical gearbox and differential
	Specific transmission fluid with "ATF DEXTRON III" type additives. Qualification **FIAT 9.55550-AG2**	**TUTELA CAR GI/E** Contractual Technical Reference N° F001.C94	Hydraulic power steering
	Grease containing Molybdenum bisulphide for high temperature appliances. N.L.G.I. 1-2 consistency. Qualification **FIAT 9.55580**	**TUTELA ALL STAR** Contractual Technical Reference N° F702.G07	CV joints on wheel side
	Poly-urea oil synthetic-based grease suitable for high temperatures. NL.GI. 2 consistency Qualification **FIAT 9.55580**	**TUTELA STAR 325** Contractual Technical Reference N° F301.D03	CV joints on differential side (1.4 16V)
	Specifc grease to be used for constant-velocity joints with low friction coefficient. N.L.G.I. 0-1 consistency. Qualification **FIAT 9.55580**	**TUTELA STAR 700** Contractual Technical Reference N° F701.C07	CV joints on differential side
Brake liquid	Synthetic fluid FMVSS no. 116 DOT 4, ISO 4925 SAE J1704, CUNA NC 956- 0 Qualification **FIAT 9.55597**	**TUTELA TOP 4** Contractual Technical Reference N° F001.A93	Brake and clutch hydraulic controls
Protective agent for radiator	Red protective with antifreeze action, based on inhibited monoethylen glycol with organic formula based on O.A.T, that passes CUNA NC 956-16, ASTM D 3306 specifications. Qualification **FIAT 9.55523**	**PARAFLU UP (●)** Contractual Technical Reference N° F101.M01	Cooling circuits Proportion: 50% down to -35° C (❐). Not to be mixed with products having different formulas
Additive for diesel fluid	Additive for diesel fuel, protecting Diesel engines.	**TUTELA DIESEL ART** Contractual Technical Reference N° F601.L06	To be mixed with fuel oil(25 cc per 10 litres)
Windscreen/ rear window	Mixture of alcohol, water and surfactants CUNA NC 956-II Qualification **FIAT 9.55522**	**TUTELA PROFESSIONAL SC 35** Contractual Technical Reference N° F201.D02	To be used diluted or undiluted in windscreen/ rear window washer/ wiper systems

(●) IMPORTANT Do not add or mix with fluids with specifications other than the specified ones.

(❐) When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFLU UP and demineralised water.

FUEL CONSUMPTION

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**: frequent accelerating in all gears, simulating extraurban use of the car; the speed varies between 0 and 120 km/h;

❒ **combined consumption**: is calculated weighing about 37% of urban cycle consumption and about 63% of extraurban consumption.

IMPORTANT The type of route, traffic situations, weather conditions, driving style, general conditions of the car, trim level/equipment/accessories, load, climate control system, roof rack, other situations that affect air drag may lead to different fuel consumption levels than those measured.

Fuel consumption according to Directive 1999/100/EC (litres x 100 km)	Urban	Extra-urban	Combined
1.2 16V	8,4	5,4	6,5
1.4 8V (◊)	7,9	5,2	6,2
1.4 16V (5 gears)	8,5	5,5	6,6
1.4 16V (6 gears)	8,7	5,4	6,6
1.3 Multijet 70HP	5,7	4,0	4,6
1.3 Multijet 90HP	5,8	3,9	4,6
1.6 Multijet	6,2	4,2	4,9

(◊) Engine model provided for certain versions/markets only

CO_2 EMISSIONS

The CO_2, emission levels at the exhaust given in the following table refer to combined consumption.

CO_2 emissions according to 1999/100/EC Directive (g/km)

1.2 16V	1.4 8V (◊)	1.4 16V		1.3 Multijet 70HP	1.3 Multijet 90HP	1.6 Multijet
		5 gears	6 gears			
154	146	157	157	123	120	129

(◊) Engine model provided for certain versions/markets only

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PROVISIONS FOR THE PROCESSING OF A VEHICLE AT THE END OF ITS LIFE-CYCLE

For years now Fiat has been developing its global commitment towards the safeguarding and protection of the Environment through the continuous improvement of its production processes and the making of increasingly more "eco friendly" products. With a view to guaranteeing the best possible service to clients in full observance of environmental standards and in response to the obligations imposed by European Directive 2000/53/EC on end-of-life vehicles, Fiat offers its clients the possibility to hand in their vehicle* at the end of its life span without additional costs.

The European Directive, in fact, provides for the take-back of the vehicle without the last holder or owner of the same incurring expenses due to the fact that the market value of the vehicle is zero or negative. In particular, in almost all of the countries of the European Union, up until 1st January 2007, take-back of the vehicle free of charge only applies to vehicles registered from 1 July 2002 on, while, from 2007 on, take-back will be carried out free of charge, independently of the year of registration, provided that the vehicle still contains all its essential component parts (especially engine and body) and is free from additional waste materials.

Our contracted network of authorised treatment facilities has been carefully selected in order to provide a quality service to our customers by de-polluting and recycling "End of Life Vehicles" to approved environmental standards. To find out the location of your nearest authorised treatment facility, offering free of charge take-back, simply contact one of our dealers or refer to the Fiat web site or call the toll free number 00800 3428 0000.

* Passenger transportation vehicles to seat a max. of nine persons, having a total admissible weight of 3.5 t

SELÈNIA®

At the heart of your engine.

Always ask your mechanic for SELÈNIA®

Oil change? The experts reccomend Selenia.

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 PERFORMER 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 K
is the synthetic lubricant with innovative technology, which ensures improved cold starting for petrol engines and the utmost protection also under typically “urban” conditions of use. Owing to its 5W-40 viscosimetric grade and its special formulation it more effectively meets the emission limits required by new European regulations and exceeds the major international specifications.

SELENIA WR
Oil specifically designed for common rail Multijet engines. Particularly effective during cold starts, it guarantees maximum wear protection and hydraulic tappets control, reduction in consumption and stability at high temperatures.

SELENIA DIGITECH
Fully synthetic lubricant for petrol and diesel engines.
Its advanced technology guarantees maximum protection, a reduction in consumption and reliability in extreme climate conditions.

The range also includes Selenia StAR, Selenia Racing, Selenia 20K Alfa Romeo, Selenia TD, Selenia Performer 5W-40
For further information on Selenia products visit the web site www.flselenia.com.

COLD TYRE INFLATION PRESSURE (bar)

Size	STANDARD TYRES			
	Medium load		Full load	
	Front	Rear	Front	Rear
185/65 R14 86T	2.2	2.1	2.3	2.3
195/60 R15 88T	2.2	2.1	2.3	2.3
205/50 R16 87V	2.2	2.1	2.3	2.3

SPARE WHEEL	135/80 B14 84M	2.8
	125/80 R15 95M	4.2

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm. Recheck pressure value with cold tyres.
With snow tyres, add +0.2 bar to the inflation pressure value prescribed for standard tyres.

ENGINE OIL CHANGE

	1.216V		1.48V		1.416V		1.3 Multijet		1.9 Multijet	
	litres	kg	litres	kg	litres	kg	litres	kg	litres	kg
Engine sump	2.5	2.2	2.4	2.1	2.75	2.4	2.85	2.5	4.2	3.75
Engine sump and filter	2.7	2.35	2.6	2.25	2.9	2.55	3.0	2.6	4.4	3.9

FUEL CAPACITIES (litres)

	1.216V	1.48V - 1.416V	1.3 Multijet	1.9 Multijet
Tank capacity	47	47	47	47
Reserve	5 - 7	5 - 7	5 - 7	5 - 7

Refuel petrol engines with unleaded petrol with an octane rating (RON) no lower than 95 only.
Refuel diesel engines with diesel fuel for motor vehicles (EN590 specifications) only.

Fiat Group Automobiles S.p.A. - Customer Services - Technical Services - Service Engineering
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