F I A T 5 0 0 L



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

WHY CHOOSING GENUINE PARTS

We really know your car because we invented, designed and built it: we really know every single detail.
At **Fiat Service authorised workshops** you can find technicians directly trained by us,
offering quality and professionalism for all service operations.
Fiat workshops are always close to you for the regular servicing operations, season checks
and practical recommendations by our experts.
With Fiat Genuine Parts you keep the reliability, comfort and performance features of your new car unchanged in time: that's why you bought it for.
Always ask for Genuine Parts for the components used on our cars; we recommend them because they come from our steady commitment in research and development of highly innovative technologies.
For all these reasons: **rely on Genuine Parts, because they are the only ones designed by Fiat for your car.**

SAFETY:
BRAKING SYSTEM

ENVIRONMENT: PARTICULATE FILTERS,
CLIMATE CONTROL MAINTENANCE

COMFORT: SUSPENSION
AND WINDSCREEN WIPERS

PERFORMANCE: SPARK PLUGS,
INJECTORS AND BATTERIES

LINEACCESSORI
ROOF RACK BARS, WHEEL RIMS

CHOOSING GENUINE PARTS IS THE MOST NATURAL CHOICE





HOW TO RECOGNISE GENUINE PARTS

To recognise a **Genuine Part**, check **that the component bears our brands**, always clearly visible on Genuine Parts, from the braking system to windscreen wipers, from shock absorbers to pollen filter.
All **Genuine Parts** undergo **strict controls**, both during design and manufacturing stages, by specialists using **vanguard materials**, to **test the component reliability.**
This to guarantee **performance** and **safety** for you and your passengers on board, for a long time.
Always ask for and make sure a **Genuine Part** has been used.



Pollen filter



Shock absorber



Brake pads

Dear Customer,

We would like to congratulate and thank you for choosing a Fiat 500L.

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

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

It contains important information, advice and instructions for the use of the car which will help you get the very best out of your Fiat. The handbook also provides a description of special features and tips as well as essential information for correct care, maintenance, safe car driving and use and preservation of your Fiat over time.

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



personal safety;



car safety;



environmental protection.

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

❒ the Warranty Certificate with terms and conditions for maintaining its validity;

❒ the range of additional services available to Fiat Customers.

We are sure that these will help you familiarise with your new car and appreciate it and the care provided by the people at Fiat.

Enjoy reading. Happy motoring!

This Owner Handbook describes all the versions of the Fiat 500L. As a consequence, you should only consider the information which is related to the trim level, engine and version that you have purchased. All data contained in this publication are purely indicative. Fiat Group Automobiles can modify the specifications of the vehicle model described in this publication at any time, for technical or commercial reasons. For further information, contact a Fiat Dealership.

ESSENTIAL INFORMATION!

REFUELLING



Petrol engines: only refuel with unleaded petrol with octane rating (RON) not less than 95 in compliance with the European specification EN228.

The use of petrol that does not conform to the above-mentioned specification will cause the EOBD warning light to switch on and the irregular operation of the engine.

Diesel engines: only refuel with diesel for motor vehicles in compliance with the European specification EN590. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty.

STARTING THE ENGINE



Make sure that the handbrake is engaged; place the gear lever in neutral. Fully depress the clutch pedal, without pressing the accelerator, then turn the ignition key to MAR-ON and wait for the warning light to switch off (and warning light for diesel versions); turn the ignition key to AVV and release it as soon as the engine starts.

PARKING ON FLAMMABLE MATERIAL



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

RESPECTING THE ENVIRONMENT



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

ELECTRICAL ACCESSORIES



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

SCHEDULED SERVICING



Correct maintenance of the car is essential for ensuring that it maintains its performance and its safety features, its environmental friendliness and low running costs for a long time to come.

THE OWNER MANUAL CONTAINS...



... important information, advice and warnings for correct use, driving safety and maintenance of your car over time. Special attention must be paid to the symbols provided (personal safety) (environmental protection) (car integrity).

DASHBOARD

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



fig. 1 F0Y0042

1. Adjustable and directable air diffusers 2. Radio controls on the steering wheel (for versions/markets, where provided) 3. Exterior light control stalk 4. Instrument panel 5. Windscreen wiper/rear window wiper/trip computer control stalk 6. Adjustable and directable centre air vents 7. Fixed upper air vent 8. Passenger front airbag 9. Upper glove compartment (for versions/markets, where provided the compartment may be conditioned) 10. Storage compartment 11. Lower glove compartment 12. Control buttons 13. Heating/ventilation system or manual climate control (for versions/markets, where provided) or automatic dual zone climate control (for versions/markets, where provided) 14. USB port/AUX socket (for versions/markets, where provided) 15. UConnect™ (for versions/markets, where provided) or radio system setup 16. Ignition switch 17. Driver front airbag 18. Cruise Control/Speed Limiter lever (for versions/markets, where provided)

GETTING TO KNOW YOUR CAR
SAFETY
STARTING AND DRIVING
WARNING LIGHTS AND MESSAGES
IN AN EMERGENCY
SERVICING AND MAINTENANCE
TECHNICAL SPECIFICATIONS
INDEX

CONTROL PANEL AND INSTRUMENTS

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

The warning lights and are only present on Diesel versions. On diesel versions, the maximum engine speed (red range on the rev counter) corresponds to 5000 rpm.

VERSIONS WITH MULTIFUNCTION DISPLAY



fig. 2 F0Y1107

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

VERSIONS WITH RECONFIGURABLE MULTIFUNCTIONAL DISPLAY



fig. 3 F0Y1108

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

SPEEDOMETER (SPEED INDICATOR)

Shows the car speed (speedometer).

REV COUNTER

This indicates the engine rpm.

FUEL LEVEL GAUGE

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

E - tank empty

F - tank full

The warning light A fig. 4 (on certain versions together with the message on the display) switches on to indicate that approximately 6 to 8 litres of fuel are left in the tank; in these circumstances refuel at the earliest opportunity.

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

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

ENGINE COOLANT TEMPERATURE INDICATOR

The needle shows the temperature of the engine coolant and starts supplying indications when the fluid temperature exceeds approx. 50°C.

Under normal conditions, the needle assumes different positions within the scale depending on the usage conditions.

C - Low engine coolant temperature.

H - High engine coolant temperature.

The warning light B fig. 4 may switch on (with a message on the display for some versions) to indicate that the coolant temperature is too high; in this case, stop the engine and contact a Fiat Dealership.

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

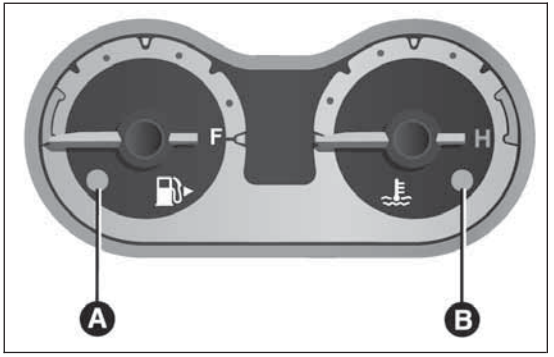


fig. 4 F0Y0118

DISPLAY

The car may be provided with a multifunction or reconfigurable multifunction display that shows useful information, according to the previous settings, when driving.

With the ignition key removed, the display activates and shows the time and total milometer reading (in km or miles) for a few seconds when a front door is opened/closed.

NOTE With a very low outside temperature (below 0°C) it may take longer than normal for information to appear on the display.

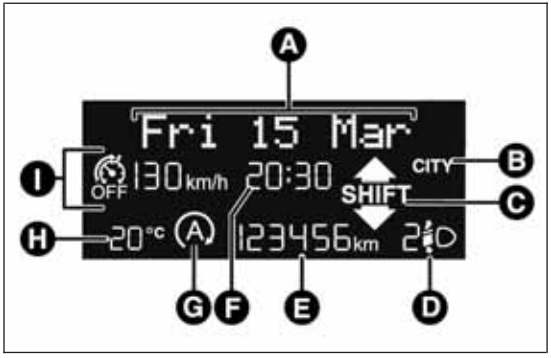


fig. 5 F0Y1101

MULTIFUNCTION DISPLAY "STANDARD" SCREEN

The following information is shown on the display fig. 5:

A Date

B Activation of Dualdrive electric power steering (CITY indication) or of ECO driving mode (ECO indication)

C Gear Shift Indicator (for versions/markets, where provided)

D Headlight alignment position (only with dipped headlights on)

E Odometer (display of distance travelled in kilometres/miles)

F Time (always displayed, even with key removed and doors closed)

G Start&Stop function indication (for versions/markets where provided)

H Outside temperature (for versions/markets, where provided)

I "Speed limiter" display (for versions/markets, where provided)

RECONFIGURABLE MULTIFUNCTION DISPLAY "STANDARD" SCREEN

Versions without "Speed Limiter"

The following information appears on the display fig. 6:

A Time

B Date or trip distance display in kilometres (or miles)

C Outside temperature (for versions/markets, where provided)

D Gear Shift Indicator (for versions/markets, where provided)

E Odometer (display of distance travelled in kilometres/miles)

F Headlight alignment position (only with dipped headlights on)

G Car status indication (e.g. doors open, possible ice on road, etc.)

On some versions the display shows the turbine pressure fig. 7.

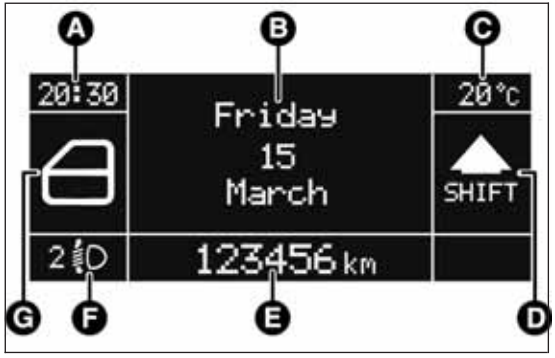


fig. 6 F0Y1102

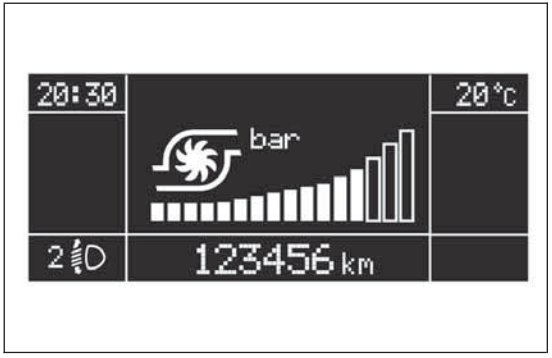


fig. 7 F0Y0186

Versions with "Speed Limiter"
(for versions/markets, where provided)

The following information appears on the display fig. 8:

A Time

B Date or trip distance display in kilometres (or miles)

C Gear Shift Indicator (for versions/markets, where provided) or Start&Stop function indication (for versions/markets, where provided)

D "Speed limiter" display (for versions/markets, where provided)

E Odometer (display of distance travelled in kilometres/miles)

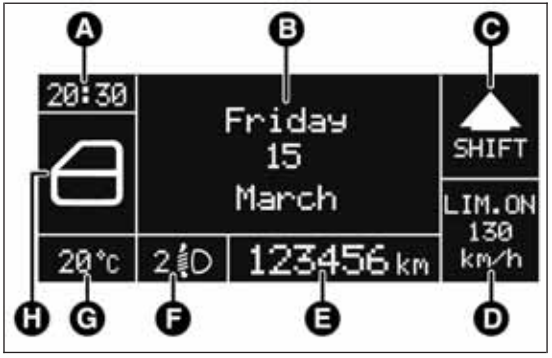


fig. 8 F0Y1103

F Headlight alignment position (only with dipped headlights on)

G Outside temperature (for versions/markets, where provided)

H Car status indication (e.g. doors open, possible ice on road, etc.)

GEAR SHIFT INDICATOR

The GSI (Gear Shift Indicator) system advises the driver to change gear through a specific indication on the instrument panel fig. 9.

Through the GSI, the driver is notified that changing gear will allow a reduction in fuel consumption.

When the SHIFT UP icon (▲ SHIFT) is shown on the display, the GSI is advising the driver to engage a higher gear, while the SHIFT DOWN (▼ SHIFT) icon advises the driver to engage a lower gear.

The indication on the instrument panel remains on until the driver changes gear or the driving conditions return to a situation where changing gear is not required to reduce consumption.

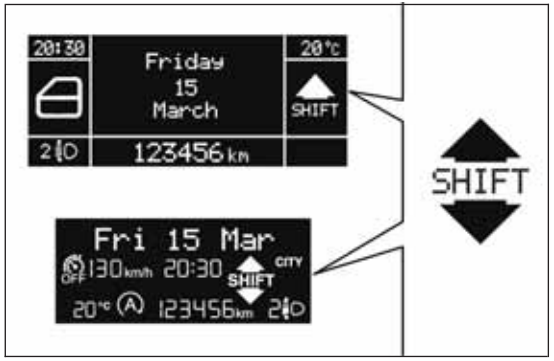


fig. 9 F0Y1104

CONTROL BUTTONS

NOTE Buttons ▲ and ▼ fig. 10 are described in the following pages. The buttons are ▲ and ▼ on some versions.

▲

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

SET

Press briefly to access the menu and/or go to next screen or confirm the desired menu selection.

Hold down to go back to the standard screen.

▼

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

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

- ❒ within the menu, they allow you to scroll up and down;
- ❒ during setting operations, they increase or decrease the displayed value.

SETUP MENU

The menu comprises a series of options which can be selected using buttons ▲ and ▼ to access the different selection and setting operations (Setup) indicated below. Some options have a submenu.

The menu can be activated by briefly pressing the SET button.

The menu comprises the following options:

❒ MENU
❒ LIGHTING
❒ HEADLIGHT ALIGNMENT (for versions/markets, where provided)
❒ SPEED BEEP
❒ HEADLIGHT SENSOR (for versions/markets where provided)
❒ CORNERING LIGHTS (for versions/markets, where available)

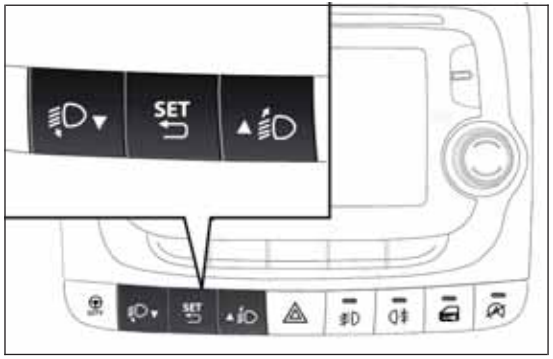


fig. 10 F0Y0035

❒ RAIN SENSOR (for versions/markets, where provided)
❒ TRIP B ACTIVATION/DATA
❒ SET TIME
❒ SET DATE
❒ AUTOCLOSE
❒ MEASUREMENT UNIT
❒ LANGUAGE
❒ WARNINGS VOLUME
❒ BELT BUZZER
❒ SERVICE
❒ AIRBAG/PASSENGER BAG (for versions/markets, where provided)
❒ DAYTIME RUNNING LIGHTS (for versions/markets, where provided)
❒ CITY BRAKE C./COLLISION MITIGATION (for versions/markets, where provided)
❒ EXIT MENU

Selecting an option from the main menu without a submenu:

❒ briefly press the SET button to select the main menu option to be set;

❒ press buttons ▲ or ▼ (with single presses) to select the new setting;

❒ briefly press the SET button to store the new setting and to go back to the same main menu option selected previously.

Selecting an option from the main menu with a submenu:

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

❒ press buttons ▲ or ▼ (with single presses) to scroll through all the submenu options;

❒ briefly press the SET button to select the displayed submenu option and to open the relevant setup menu;

❒ press buttons ▲ or ▼ (with single presses) to select the new setting for this submenu option;

❒ briefly press button SET to store the new setting and at the same time go back to the previously selected menu option.

MENU ITEMS

Note With uconnect™ system (for versions/markets where provided), some Menu items are shown and managed on the display of the latter and not on the instrument panel display (refer to the uconnect™ supplement).

Menu

This option allows you to access the Setup Menu.

Press the ▲ or ▼ button to select the various Menu items.

Hold down the SET button to return to the standard screen.

Lighting (Interior light adjustment) (with side lights on only)

With the side lights on, this function is used to set the brightness of the instrument panel, uconnect™ system controls (for versions/markets where provided) and automatic climate control system controls (for versions/markets where provided) to 8 levels.

Proceed as follows to adjust the brightness:

❒ press button SET briefly. The level set previously flashes on the display;

❒ press button ▲ or ▼ to set the required brightness level;

❒ press the SET button briefly to return to the menu screen or hold the button down to return to the standard screen without saving.

Note On versions with reconfigurable multifunction display adjustment can be made both with lights off ("daytime" mode brightness level) and with lights on ("nighttime" mode brightness level).

Headlamp alignment (Headlamp alignment corrector position adjustment)

(for versions/markets, where provided)

This function allows the headlamp alignment corrector position to be adjusted (on 4 levels).

To carry out the adjustment, proceed as follows:

- ❒ press button SET briefly. The level set previously flashes on the display;
- ❒ press button ▲ or ▼ to adjust the position;
- ❒ press the SET button briefly to return to the menu screen or hold the button down to return to the standard screen without storing.

Speed Beep (Speed limit)

This function is used to set the car speed limit (km/h or mph); the driver is immediately alerted when this limit is exceeded.

To set the desired speed limit, proceed as follows:

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

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

- ❒ press the SET button briefly to return to the menu screen or hold the button down to return to the standard screen without storing.

To cancel the setting, proceed as follows:

- ❒ briefly press the SET button: "On" will flash on the display;
- ❒ press button ▼: "Off" will flash on the display;
- ❒ press the SET button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.

Headlight sensor
(Automatic headlight/dusk sensor sensitivity adjustment)
(for versions/markets, where provided)

This function is used to turn the headlights on or off according to external light conditions.

The dusk sensor sensitivity can be adjusted according to 3 levels (level 1 = minimum sensitivity, level 2 = medium sensitivity, level 3 = maximum sensitivity); the greater the sensitivity set, the less the external light variation needed to turn on the lights (e.g. with a setting on level 3 at sunset the headlights switch on earlier than in levels 1 and 2).

Proceed as follows to set:

- ❒ press button SET briefly. The level set previously flashes on the display;
- ❒ press the ▲ or ▼ button to make the adjustment;
- ❒ press the SET button briefly to return to the menu screen or hold the button down to return to the standard screen without storing.

Cornering lights
(Activation/deactivation of cornering lights)
(for versions/markets, where provided)

This function activates/deactivates ("On"/"Off") the cornering lights (see the description in the "Exterior lights" paragraph).

Proceed as follows to activate/deactivate the lights:

- ❒ press button SET briefly. "On" or "Off" flash on the display, according to what has been previously set;
- ❒ press ▲ or ▼ to make your choice;
- ❒ press the SET button briefly to return to the menu screen or hold the button down to return to the standard screen without storing.

Rain sensor
(Rain sensor sensitivity adjustment)
(for versions/markets, where provided)

This function allows you to adjust the rain sensor sensitivity to 4 levels.

To set the required sensitivity level, proceed as follows:

- ❒ press button SET briefly. The sensitivity "level" set previously flashes on the display;
- ❒ press the ▲ or ▼ button to make the adjustment;
- ❒ press the SET button briefly to return to the menu screen or hold the button down to return to the standard screen without storing.

Activation/Trip B data (Activating Trip B)

With this function it is possible to activate ("On") or deactivate ("Off") the Trip B display (partial trip). For more information see the "Trip computer" paragraph.

For activation/deactivation, proceed as follows:

- ❒ press the SET button briefly to make the display flash On or Off according to the previous setting;
- ❒ press the ▲ or ▼ button to make the adjustment;
- ❒ press the SET button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.

Time adjustment (Clock adjustment)

This function enables the clock to be set through two submenus: "Time" and "Format".

To carry out the adjustment, proceed as follows:

- ❒ press button SET briefly. The display shows the two submenus "Time" and "Format";
- ❒ press the ▲ or ▼ button to switch between the two submenus;
- ❒ once you have selected the submenu to be changed, press the button SET briefly;
- ❒ if the "Time" submenu is selected and button SET is pressed briefly, "hours" will flash on the display. Press the ▲ or ▼ button to make the adjustment;
- ❒ pressing the SET button briefly again: the "minutes" flash on the display. Press the ▲ or ▼ button to make the adjustment;
- ❒ if the "Format" submenu is selected and button SET is pressed briefly, the display mode will flash on the display. Press the ▲ or ▼ button to select "12h" or "24h" mode. When you have carried out the required settings, briefly press the SET button to go back to the submenu screen or hold the button down to go back to the main menu screen without storing the new settings.

Hold down the SET button again to return to the standard screen or to the main menu according to the menu items where you are in.

IMPORTANT The setting will increase or decrease by one unit each time the button ▲ or ▼ is pressed. Keeping the button pressed causes an automatic rapid speed increase/decrease. Complete the setting by briefly pressing the button when you approach the required value.

Set date (Setting the date)

Using this function it is possible to update the date (year - month - day).

To carry out the adjustment, proceed as follows:

- ❒ press button SET briefly. The "year" flashes on the display;
- ❒ press the ▲ or ▼ button to make the adjustment;
- ❒ press button SET briefly. The "month" flashes on the display;
- ❒ press the ▲ or ▼ button to make the adjustment;
- ❒ press button SET briefly. The "day" flashes on the display;
- ❒ press the ▲ or ▼ button to make the adjustment;
- ❒ press the SET button briefly to return to the menu screen or give the button a long press to return to the standard screen without storing.

IMPORTANT The setting will increase or decrease by one unit each time the button ▲ or ▼ is pressed. Keeping the button pressed causes an automatic rapid speed increase/decrease. Complete the setting by briefly pressing the button when you approach the required value.

Autoclose (Automatic door lock operation with car running)

If this function is On, it automatically locks the doors when a speed of 20 km/h is exceeded.

Proceed as follows to activate or deactivate this function:

- ❒ press button SET briefly. "On" or "Off" flash on the display, according to what has been previously set;
- ❒ press ▲ or ▼ to make your choice;
- ❒ press the SET button briefly to return to the submenu screen or hold the button down to return to the main menu screen without saving;
- ❒ hold down the SET button again to return to the standard screen or to the main menu according to the menu items where you are in.

Unit of measurement (Setting the unit of measurement)

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

To set the desired measurement unit, proceed as follows:

- ❒ press button SET briefly. The display will show the three submenus;
- ❒ press button ▲ or ▼ to scroll through the three submenus;
- ❒ once you have selected the submenu to be changed, press the button SET briefly;
- ❒ if the "Distances" submenu is selected and button SET is pressed briefly, the display shows "km" or "mi" depending on the previous setting;
- ❒ press ▲ or ▼ to make your choice;
- ❒ if the "Consumption" submenu is selected and button SET is pressed briefly, the display shows "km/l", "l/100km" or "mpg" depending on the previous setting. If the measurement unit set for "Distances" is "km", the display allows the measurement unit ("km/l" or "l/100km") for Consumption to be set. If the measurement unit set for "Distances" is "mi", the display will show Consumption in "mpg";
- ❒ press ▲ or ▼ to make your choice;
- ❒ if the "Temperature" submenu is selected and button SET is pressed briefly, the display shows "°C" or "°F" depending on the previous setting;
- ❒ press ▲ or ▼ to make your choice;

Once the required settings are made, briefly press button SET to go back to the submenu screen or hold the button down to return to the main menu screen without storing.

Hold down the SET button again to return to the standard screen or to the main menu according to the menu items where you are in.

Language (Language selection)

Display messages can be set to be shown in different languages: Italian, German, English, Spanish, French, Portuguese, Polish, Dutch, Turkish (the list varies according to the market).

To set the desired language, proceed as follows:

- ❒ press button SET briefly. The "language" set previously flashes on the display;
- ❒ press ▲ or ▼ to make your choice;
- ❒ press the SET button briefly to return to the menu screen or hold the button down to return to the standard screen without storing.

Warnings volume (Adjusting the alert/warning acoustic signal volume)

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

To set the desired volume, proceed as follows:

❒ press button SET briefly. The volume "level" set previously flashes on the display;

❒ press ▲ or ▼ to make your choice;

❒ press the SET button briefly to return to the menu screen or hold the button down to return to the standard screen without storing.

Seat belt buzzer (SBR buzzer reactivation)

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

To reactivate this function, proceed as follows:

❒ press the SET button briefly; "Off" will flash on the display. Press the ▲ or ▼ button and "On" will appear;

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

Service (Scheduled servicing)

With this function it is possible to view information on mileage or time intervals for servicing.

To consult this display, proceed as follows:

❒ press button SET briefly. The display shows the service interval in kilometres (km) or miles (mi) according to the previous setting (see the "Units of measurement" paragraph);

❒ press the SET button briefly to return to the menu screen or hold it down to return to the standard screen.

Note The "Scheduled Servicing Plan" includes car maintenance at fixed intervals, refer to the "Maintenance and care" chapter. This message is displayed automatically - when the key is turned to MAR-ON - 2,000 km (or equivalent value in miles) before these deadlines and reappears every 200 km (or equivalent value in miles). Below 200 km servicing indications are more frequent. The display will be in km or mi depending on the measurement unit settings. When one of the next scheduled deadlines is approaching, the word "Service" will appear on the display, followed by the number of kilometres or miles left, when the key is turned to MAR-ON. Contact a Fiat Dealership. The operations in the "Scheduled servicing plan" will be performed and the message will be reset.

Airbag/Passenger bag (Activation/deactivation of passenger side front airbag and side bag for pelvis, chest and shoulder protection - for versions/markets, where provided)

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

Proceed as follows:

- ❒ press the SET button and, after the message "Bag pass: Off" (to deactivate) or "Bag pass: On" (to activate) is displayed by pressing buttons ▲ and ▼, press the SET button again;
- ❒ a confirmation request message will appear on the display;
- ❒ by pressing the ▲ or ▼ buttons select "Yes" (to confirm activation/deactivation) or "No" (to cancel);
- ❒ press the SET button briefly; a message confirming the selection is displayed and you return to the menu screen; Hold down the button to return to the standard screen without storing.

Daytime running lights (D.R.L.)
(for versions/markets, where provided)

This function can be used to activate/deactivate the daytime running lights.

Proceed as follows to activate or deactivate this function:

- ❒ press button SET briefly. The display shows a submenu;
- ❒ press button SET briefly. "On" or "Off" flash on the display, according to what has been previously set;
- ❒ press ▲ or ▼ to make your choice;
- ❒ press the SET button briefly to return to the submenu screen or hold the button down to return to the main menu screen without saving;
- ❒ hold down the SET button again to return to the standard screen or to the main menu according to the menu items where you are in.

City Brake Control - "Collision Mitigation"
(for versions/markets, where provided)

This function allows to activate ("On") or de-activate ("Off") the City Brake Control - "Collision Mitigation" system.

To adjust proceed as follows:

- ❒ press button SET briefly. "On" or "Off" flash on the display, according to what has been previously set;
- ❒ a confirmation request message will appear on the display;
- ❒ by pressing the ▲ or ▼ buttons select "Yes" (to confirm activation/deactivation) or "No" (to cancel);
- ❒ press the SET button briefly; a message confirming the selection is displayed and you return to the menu screen; Hold down the button to return to the standard screen without storing.

When the system is deactivated the dedicated warning light in the instrument panel switches on (see chapter "Warning lights and messages").

Exit menu

The last function closing the cycle of settings listed in the menu screen.

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

Press the ▼ button to return to the first menu option (Lighting).

TRIP COMPUTER

GENERAL INFORMATION

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

This function allows you to define two separate trips called “Trip A” and “Trip B” where the car's "complete journeys" are monitored in a reciprocally independent manner.

Both journeys can be reset (reset - start of a new journey).

“Trip A” is used to display the figures relating to:

- ❒ Outside temperature (for versions/markets, where provided)
- ❒ Range
- ❒ Distance travelled A
- ❒ Average consumption A
- ❒ Instantaneous consumption
- ❒ Average speed A
- ❒ Trip time A (driving time).

“Trip B” may be used to display the figures relating to:

- ❒ Distance travelled B
- ❒ Average consumption B
- ❒ Average speed B
- ❒ Trip time B (driving time).

Note "Trip B" may be disabled (see "Activating Trip B"). "Range" and "Instantaneous fuel consumption" parameters cannot be reset.

VALUES DISPLAYED

Outside temperature (for versions/markets, where provided)

Indicates the temperature outside the passenger compartment.

Range

This indicates the approximate distance which can be travelled with the amount of fuel present in the tank. "- - - -" will appear on the display in the following cases:

❒ range value lower than 50 km (or 30 mi)

❒ car parked with engine running for a long period.

IMPORTANT The range value variation can be affected by several factors: driving style, type of route (motorway, urban, mountain roads, etc.), conditions of use (load, tyre pressures, etc.). Trip planning must therefore take the above into account.

Distance travelled

Shows the distance covered since the start of the new journey.

Average consumption

Shows the approximate average fuel consumption since the start of the new journey.

Instantaneous consumption

This value shows the fuel consumption. The value is constantly updated. The display will show "- - - -" if the car is parked with the engine running.

Average speed

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

Trip time

Shows the time elapsed since the start of a new journey.

IMPORTANT If there is no information, the Trip computer displays "- - - -" in place of the value. When normal operating condition is restored, calculation of different units will restart regularly. No values displayed before the failure will be reset nor will a new mission be started.

DISPLAYED INFORMATION

The displays shown below are reported as an example: for further information refer to the "Display" paragraph in this chapter.

Each time a value is displayed, the following information is shown fig. 11:

- A - animated icon in the upper part;
- B - name, value and unit of measure of the selected parameter (e.g. "Range 150 km");
- C - the word "Trip" (or "Trip A" or "Trip B").

After a few seconds the name and value of the selected parameter are replaced by an icon fig. 12.

The icons relating to the various parameters are the following:

- "Range";
- "Average consumption A" (if Trip A is active, or "B" if Trip B is active);
- "Distance" (if Trip A is active, or "B" if Trip B is active);
- "Instantaneous consumption";
- "Average speed A" (if Trip A is active, or "B" if Trip B is active);
- "Trip time" (if Trip A is active, or "B" if Trip B is active);

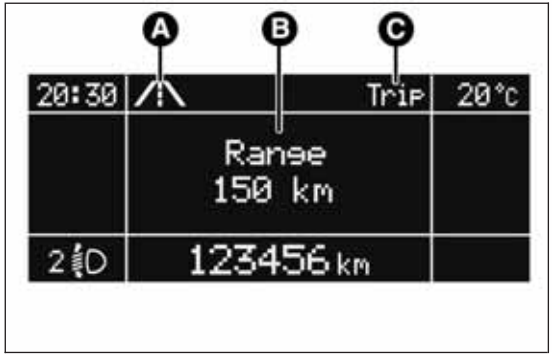


fig. 11 F0Y1105

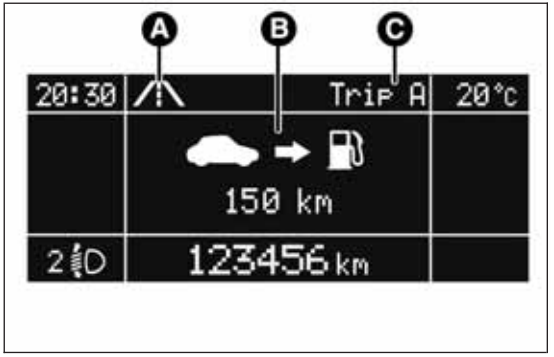


fig. 12 F0Y1106

TRIP BUTTON

This is located on the right-hand stalk fig. 13. With the ignition key turned to MAR, this button allows you to view the previously described parameters and also reset them to begin a new mission:

❒ short press: display various readings;

❒ long press: reset readings and start a new mission.

New mission

This begins after a reset:

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

❒ "automatic" resetting, when the "Trip distance" reaches 99999.9 km or when the "Travel time" reaches 999:59 (999 hours and 59 minutes);

❒ after disconnection/reconnection of the battery.

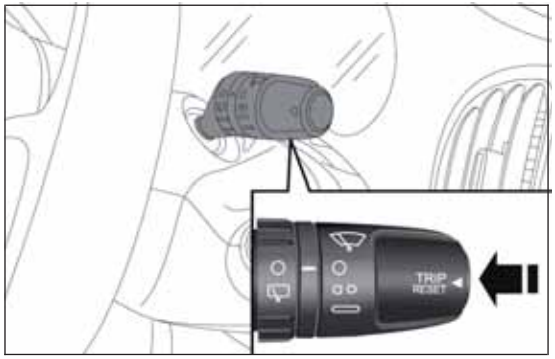


fig. 13 F0Y0045

IMPORTANT The reset operation when "Trip A" or "Trip B" details are being displayed resets the information associated with the function displayed.

Start of journey procedure

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

Exit Trip

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

SYMBOLS

Special coloured labels have been attached near to or on some of the components of your car. These labels bear symbols that remind you of the precautions to be taken with regard to that particular component.

Under the bonnet there is also a label that summarises all the symbols.

THE FIAT CODE SYSTEM

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

There is an electronic device in each key which can identify the signal emitted, when the engine is started, from an aerial built into the ignition switch. The signal is the "password", different every time the vehicle is started, through which the control unit recognises the key and enables starting.

OPERATION

Each time the vehicle is started turning the ignition key to MAR-ON, the Fiat CODE system control unit sends an acknowledgement code to the engine control unit to deactivate the immobiliser. The code is sent only if the Fiat CODE system control unit has acknowledged the code received from the key.

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

If, during starting, the code is not correctly recognised, the  warning light switches on in the instrument panel.

In this case, turn the key to STOP and then to MAR-ON; if it is still locked, try again with the other keys that come with the vehicle. Contact a Fiat Dealership if you still cannot start the engine.

Warning light switching on while driving

If the warning light switches on, this means that the system is running a self-diagnosis (for example for a voltage drop). Should the fault persist, contact a Fiat Dealership.

THE KEYS

KEY WITHOUT REMOTE CONTROL

The metal insert A fig. 14 enables:

❒ the ignition switch;

❒ the door lock.

To request duplicates of the key, go to a Fiat Dealership, taking an ID document and the car ownership documents.

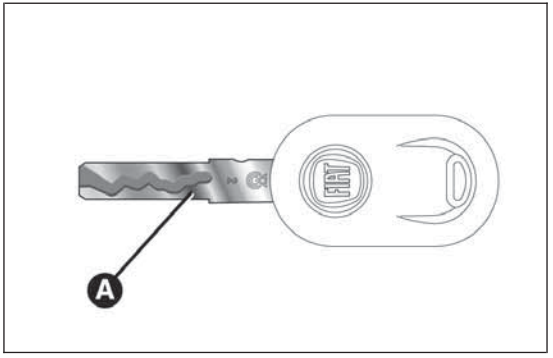


fig. 14 F0Y0117

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

The metal insert A fig. 15 of the key operates:

❒ the ignition switch;

❒ the door lock.

Press button B to open/close the metal insert.

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). Do not leave the key unattended to avoid the button being accidentally pressed while it is being handled, e.g. by a child.

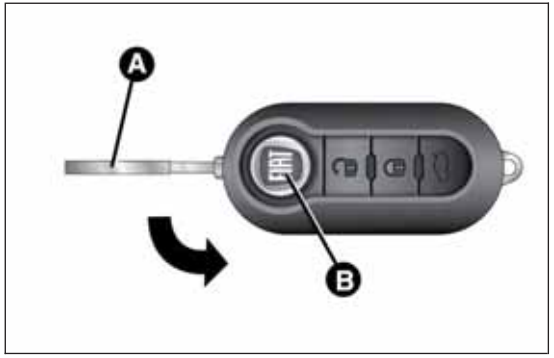


fig. 15 F0Y0019

Unlocking the doors and the tailgate

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

The doors are unlocked automatically if the fuel cut-off system intervenes.

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

Locking the doors and the tailgate

Briefly press button : for locking of doors and luggage compartment, with switching-off of roof light and single flashing of direction indicators (for versions/markets, where provided).

If one or more doors are open, the doors will not be locked. This is indicated by a rapid flashing of the direction indicators (for versions/markets, where provided). The doors will be locked if the tailgate is open however.

When a speed of over 20 km/h is reached, the doors are automatically locked if this specific function has been set (only on versions with multi-function reconfigurable display).

When the doors are locked from outside the car (using the remote control), the LED above the button will switch on for a few seconds and then start flashing (deterrent function).

When the doors are locked from inside the car (by pressing the button) the LED will remain on constantly.

Opening the luggage compartment

Press the button to open the luggage compartment using the remote control.

The direction indicators will flash twice to indicate that the luggage compartment has been opened.

The electronic components inside the key may be damaged if the key is subjected to strong shocks. In order to ensure complete efficiency of the electronic devices inside the key, it should never be exposed to direct sunlight.

REQUEST FOR ADDITIONAL REMOTE CONTROLS

The system can recognise up to 8 remote controls. Should a new remote control be necessary, go to a Fiat Dealership, taking an ID document and the car ownership documents.

REPLACING THE BATTERY IN THE KEY WITH REMOTE CONTROL

To replace the battery, proceed as follows:

- ❒ press button A fig. 16 and open the metal insert B;
- ❒ turn the screw C to using a fine bit screwdriver;
- ❒ take out the battery case D and replace the battery E making sure that polarities are correct;
- ❒ refit the battery case D inside the key and lock it turning the screw C to .

Used batteries should be disposed of, as specified by law, in the special containers, otherwise take them to a Fiat Dealership, which will deal with their disposal.

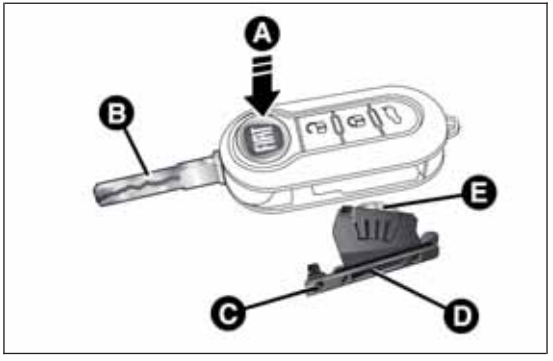


fig. 16 F0Y0018

SAFE LOCK DEVICE

(for versions/markets, where provided)

This safety device inhibits the operation of the interior door handles and the door locking/unlocking button.

It thereby prevents the opening of the doors from inside the passenger compartment, serving as an obstacle to break-in attempts (e.g. broken window).

We recommend that you activate the device each time you park your car.

Activating the device

The device is enabled on all the doors by quickly double-pressing the button on the key.

The direction indicators flash 3 times and the LED above the fig. 17 button flashes to indicate that the device has been activated. If one or more of the doors are not closed correctly, the device will not activate, thus preventing a person from getting stuck inside the passenger compartment by entering the car through, and then closing, the open door.

Deactivating the device

The device deactivates automatically:

- ❒ unlocking the doors (pressing button on the key with remote control);
- ❒ by turning the ignition key to the MAR position.

WARNING

Once the safe lock system is engaged, it is impossible to open the doors from inside the car. Therefore, before getting out of the car check that there is no-one left on board.

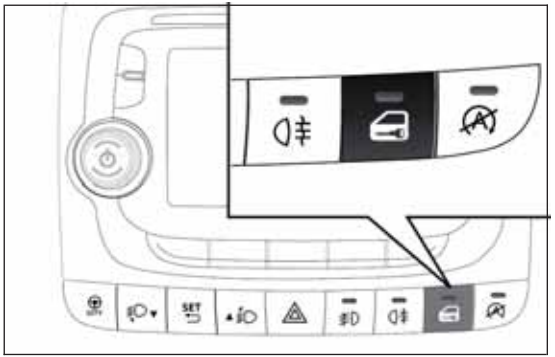


fig. 17 F0Y0039

IGNITION DEVICE

The key can be turned to 3 different positionsfig. 18:

❒ STOP: engine off, key can be removed, steering column locked. Some electrical devices (e.g. sound system, central door locking system, etc.) can operate;

❒ MAR: driving position. All electrical devices are enabled;

❒ AVV: engine start-up.

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

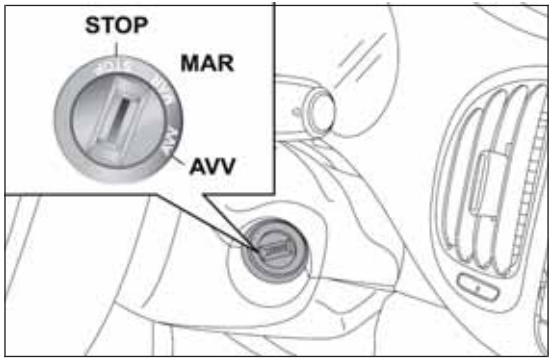


fig. 18 F0Y0044

WARNING

If the ignition device has been tampered with (e.g. an attempted theft), have it checked by a Fiat Dealership before driving again.

WARNING

Always remove the key when you leave your car to prevent someone from accidentally operating the controls. Remember to engage the handbrake. Engage 1st gear if the car is parked uphill or reverse if the car is parked downhill. Never leave children unattended in the car.

STEERING LOCK

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

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

WARNING

It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g.: installation of anti-theft device) that could badly affect performance and safety, invalidate the warranty and also result in non-compliance of the car with type-approval requirements.

WARNING

Never remove the key while the car is moving. The steering wheel will lock as soon as it is turned. This holds true for cars being towed as well.

SEATS

WARNING

All adjustments must be made with the car stationary.

The fabric upholstery of the seats has been designed to withstand long-term wear deriving from normal use of the car. Some precautions are however required. Avoid prolonged and/or excessive rubbing against clothing accessories such as metal buckles and Velcro strips which, by applying a high pressure on the fabric in a small area, could cause it to break, thereby damaging the upholstery.

FRONT SEATS

Lengthwise adjustment

Lift lever A fig. 19 (on the inner side of the seat) and push the seat forwards or backwards: in driving position your arms should rest on the rim of the steering wheel.

WARNING

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

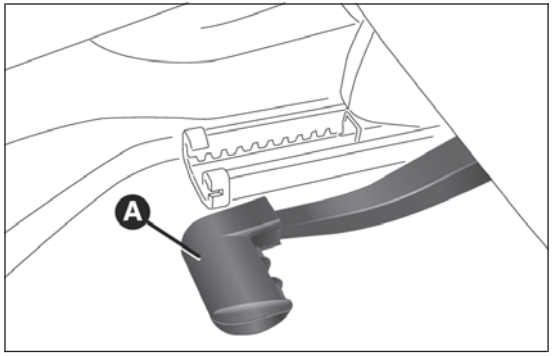


fig. 19 F0Y0218

Height adjustment

(for versions/markets, where provided)

Move lever B fig. 20 upwards or downwards to achieve the required height.

IMPORTANT Carry out the adjustment while sitting on the seat involved (driver side or passenger side).

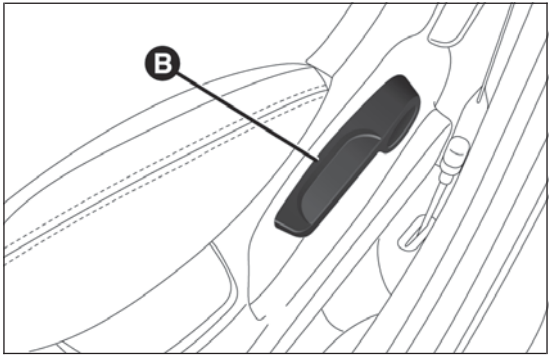


fig. 20 F0Y0216

Backrest angle adjustment

Operate lever C fig. 21 to adjust the backrest angle, accompanying it with the movement of the torso (operate the lever until the desired position is reached, then release it).

Positioning the passenger seat as a table.

(for versions/markets, where provided)

Move the seat fully backwards by operating lever A (see "Lengthwise adjustment"), operate lever C, fold the backrest down to the cushion then release lever C.

It is advisable to carry out this procedure from the outside, with the left hand.

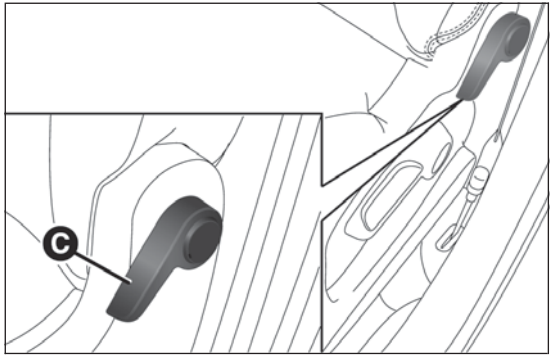


fig. 21 F0Y0217

Before tilting the front passenger seat table fully, remove any objects laid on it.

WARNING

Do not move the front passenger seat table if a child is seated on the same or sitting in the suitable child restraint system.

Electric lumbar adjustment
(for versions/markets, where provided)

With key at MAR-ON press button A fig. 22 to operate the lumbar area supporting device for regulating comfort level when driving.

Release the button when you reach the desired position.

Electric seat heating
(for versions/markets, where provided)

With the key turned to MAR-ON, press button B to switch the function on/off.

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

IMPORTANT If this function is activated with engine off the battery may run down.

Driver's side seat armrest
(for versions/markets, where provided)

On some versions the driver's side seat is equipped with an armrest.

The armrest can be raised/lowered by acting in the direction shown by the arrows (see fig. 23).

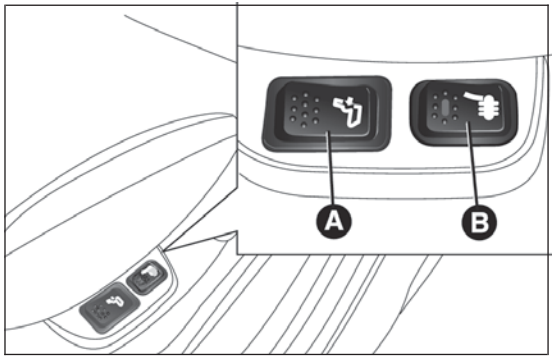


fig. 22 F0Y0215

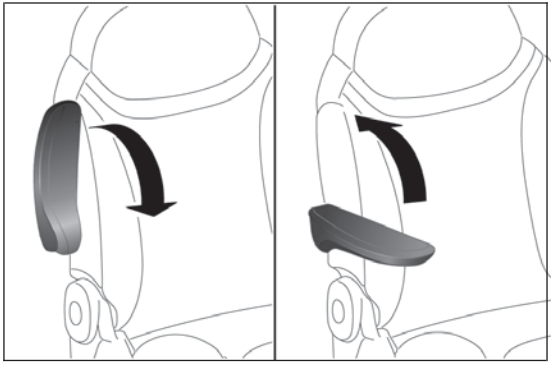


fig. 23 F0Y0159

Storage compartment

Behind the front seat backrest there is a storage compartment fig. 24.

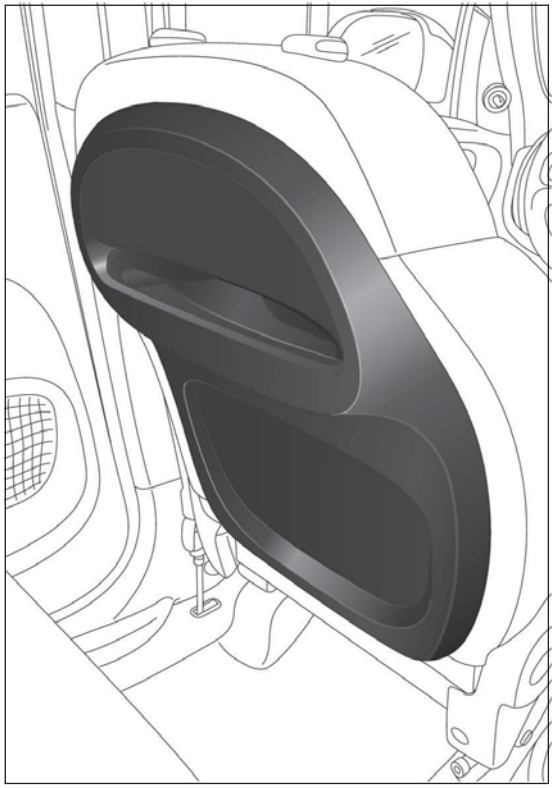


fig. 24 F0Y0270

Table

(for versions/markets, where provided)

On some versions, behind the front seat backrest there is a folding support surface A fig. 25 equipped with cup/can holders. To fold the support surface operate point B.

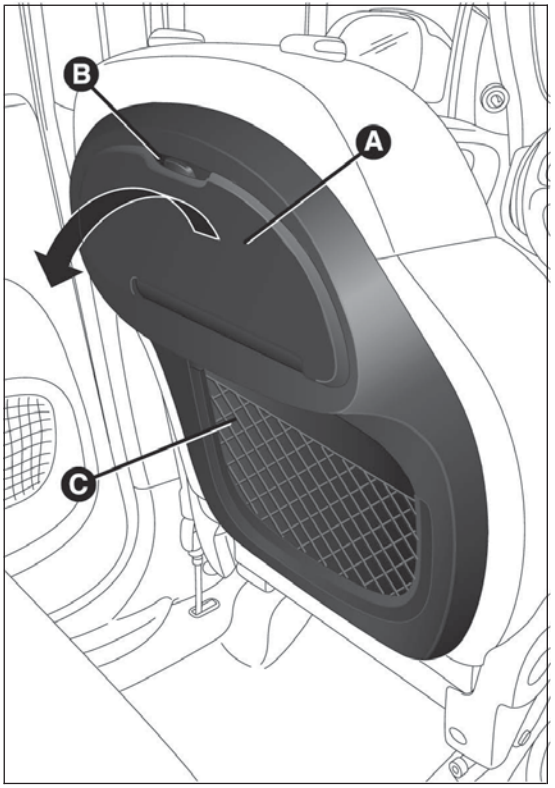


fig. 25 F0Y0271

In the rear of the backrests there is also an object retaining net C.

IMPORTANT Do not place objects heavier than 3 kg on the supporting surface: for safety reasons the supporting surface is detached from its housing when subject to higher loads.

WARNING

Do not travel with the supporting surface open: always make sure it is correctly closed.

SLIDING AND FOLDING REAR SEATS

Lengthwise adjustment

Raise lever A fig. 26, gripping it in the central area and push the seat forwards or backwards.

The two parts of the seat can be adjusted individually.

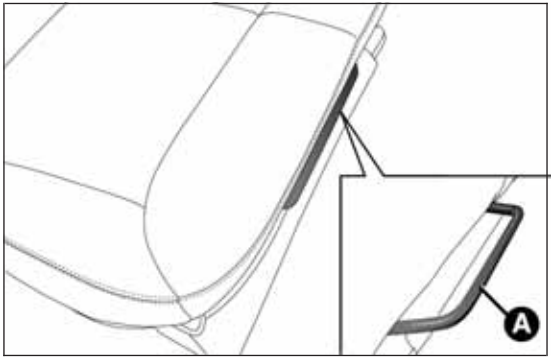


fig. 26 F0Y0074

Backrest angle adjustment

Raise lever B fig. 27 and adjust the backrest angle, accompanying it with the movement of the torso.

The backrest can be further folded to improve driving comfort.

To increase the room between seat and parcel shelf grab tab C fig. 28 on the parcel shelf and secure it on the magnetic device D, then operate lever B to bring the backrest in the desired position.

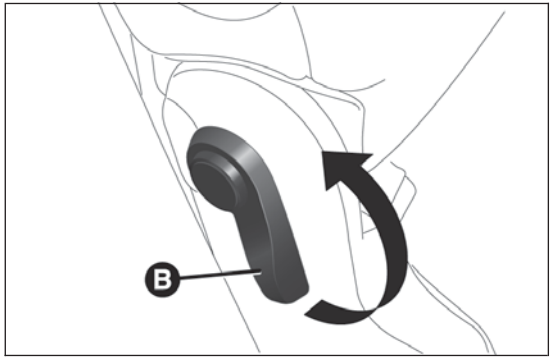


fig. 27 F0Y0259

Rear armrest

(for versions/markets, where provided)

To use the armrest fig. 29, lower it as shown in the figure.

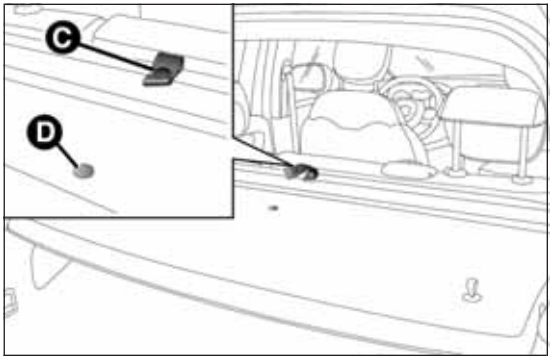


fig. 28 F0Y0066

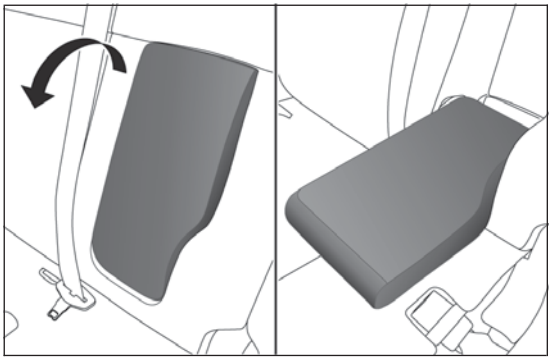


fig. 29 F0Y0163

HEAD RESTRAINTS

FRONT

They are height-adjustable: to adjust them, operate as follows.

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

Downwards adjustment: press button A fig. 30 and lower the head restraint.

Proceed as follows to remove the head restraints:

❒ raise the head restraints to their maximum height;

❒ press buttons A and B (at the side of the two head restraint supports), then remove the head restraints by pulling them upwards.



fig. 30 F0Y0060

REAR

(for versions/markets, where provided)

Two height-adjustable head restraints are provided for the rear seats. On some versions a head restraint is also provided for the central seat.

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

Downwards adjustment: press button A fig. 31 and lower the head restraint.

Proceed as follows to remove the head restraints:

❒ raise the head restraints to their maximum height;

❒ press buttons A and B fig. 31 at the side of the two supports, then remove the head restraints by pulling them upwards.

IMPORTANT If the rear seats are used, always set the head restraints in the "completely raised" position.



fig. 31 F0Y0061

STEERING WHEEL

The steering wheel can be adjusted both axially and vertically.

To adjust, move lever A fig. 32 downwards to position 1, then adjust the steering wheel to the most suitable position and lock it in position by moving lever A to position 2.

WARNING

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

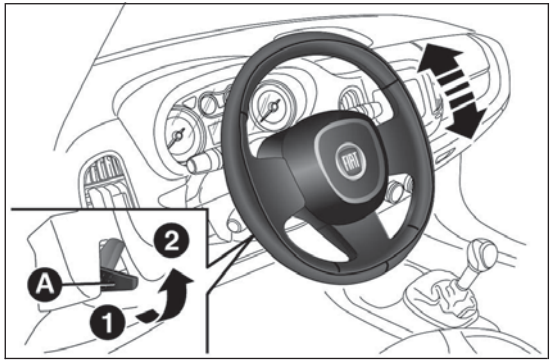


fig. 32 F0Y0043

WARNING

It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g. installation of anti-theft device) that could badly affect performance and safety, invalidate the warranty and also result in the car not meeting type-approval requirements.

REAR VIEW MIRRORS

INTERIOR MIRROR

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

Operate lever A fig. 33 to adjust the mirror into two different positions: normal or anti-glare.

ELECTROCHROMIC INTERIOR MIRROR

(for versions/markets, where provided)

Some versions feature an electrochromic mirror fig. 34 with an ON/OFF switch to activate/deactivate the electrochromic function.

When reverse gear is engaged, the mirror is automatically set for daytime use.

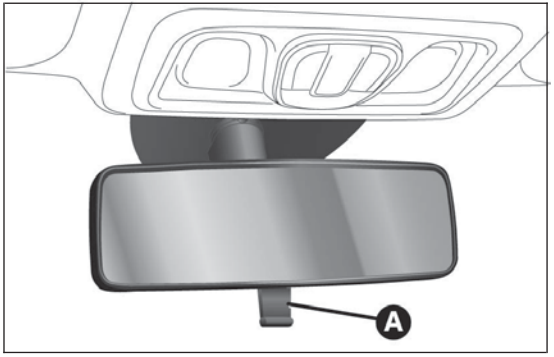


fig. 33 F0Y0223

DOOR MIRRORS

Manual adjustment

From the inside of the car, operate lever A fig. 35 to adjust the mirror.

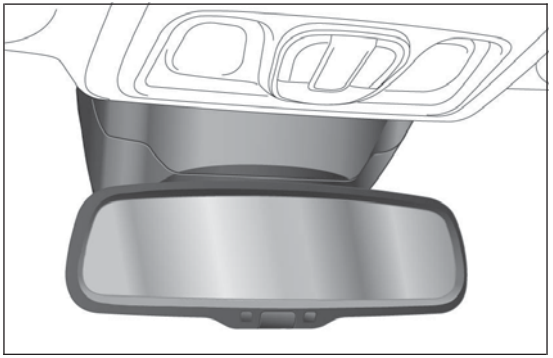


fig. 34 F0Y0225

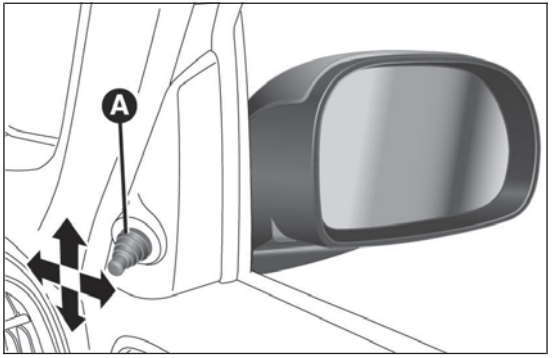


fig. 35 F0Y0275

Electrical adjustment

(for versions/markets, where provided)

The mirrors can be adjusted only if the ignition key is in MAR position.

To adjust proceed as follows:

❒ use device A fig. 36 to select the required mirror (right or left);

❒ move device A to position B and manipulate it to adjust the left door mirror;

❒ move device A to position D and manipulate it to adjust the right door mirror.

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

Manual folding

If necessary, fold the mirrors by moving them from position 1 (open) to position 2 (closed) fig. 37.

IMPORTANT When driving the mirrors should always be in position 1 (open).

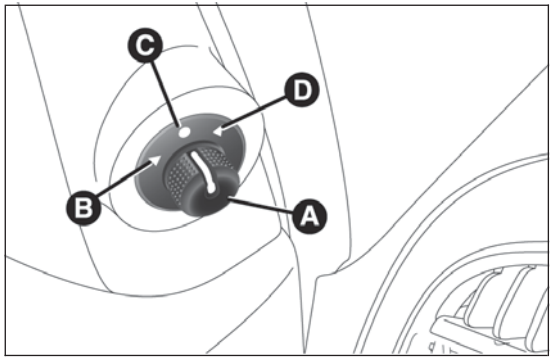


fig. 36 F0Y0250

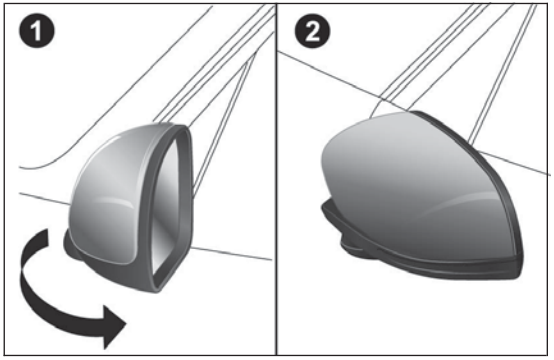


fig. 37 F0Y0226

CLIMATE CONTROL

SIDE AIR DIFFUSERS

A fig. 38 - Adjustable and directable side air diffusers:

❒ use device B to adjust the vent to the required position;

❒ turn wheel C to adjust the air flow.

D - Fixed side air diffuser.

UPPER AIR DIFFUSERS

A fig. 39 - Upper adjustable air diffuser. Turn wheel B to adjust the air flow.

C - Fixed upper air diffuser.

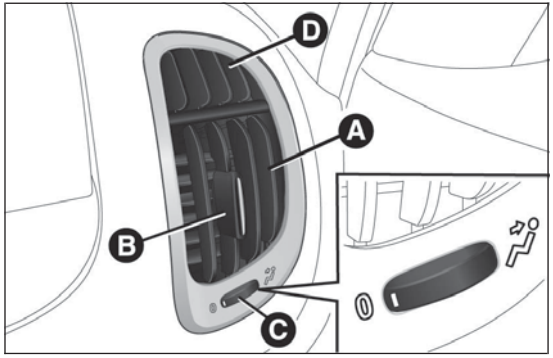


fig. 38 F0Y0107

CENTRAL AIR DIFFUSERS

A fig. 40 - Adjustable and directable central air diffusers:

❒ use device B to adjust the vent to the required position;

❒ turn wheel C to adjust the air flow.

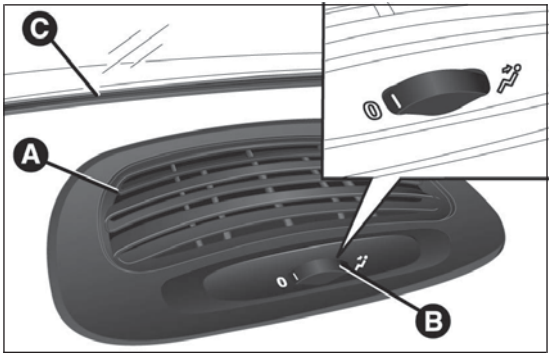


fig. 39 F0Y0108

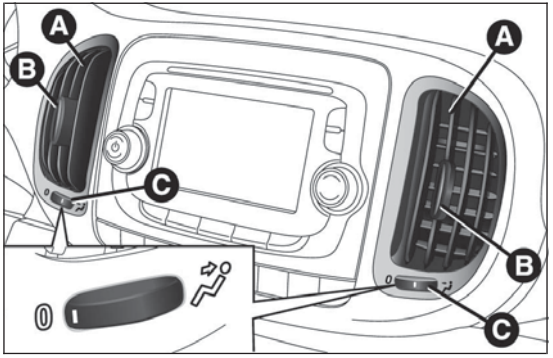


fig. 40 F0Y0109

CLIMATIC COMFORT

DIFFUSERS

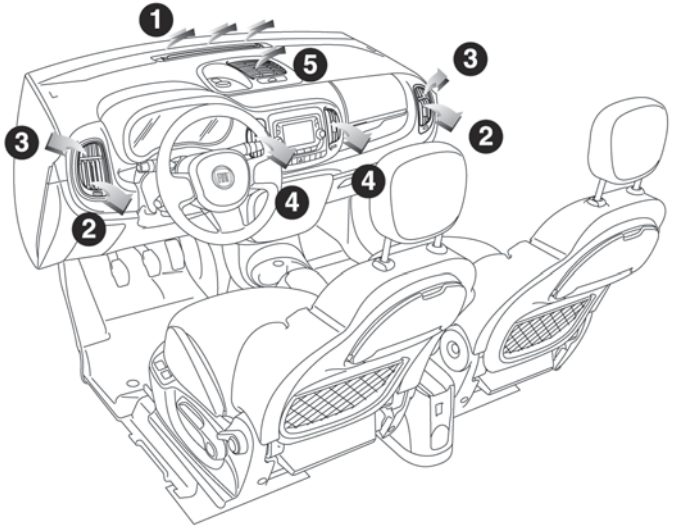


fig. 41 F0Y0222

1. Fixed upper diffuser 2. Adjustable side diffusers 3. Fixed diffusers for side windows 4. Adjustable centre air diffusers 5. Adjustable upper diffuser

HEATING AND VENTILATION

CONTROLS

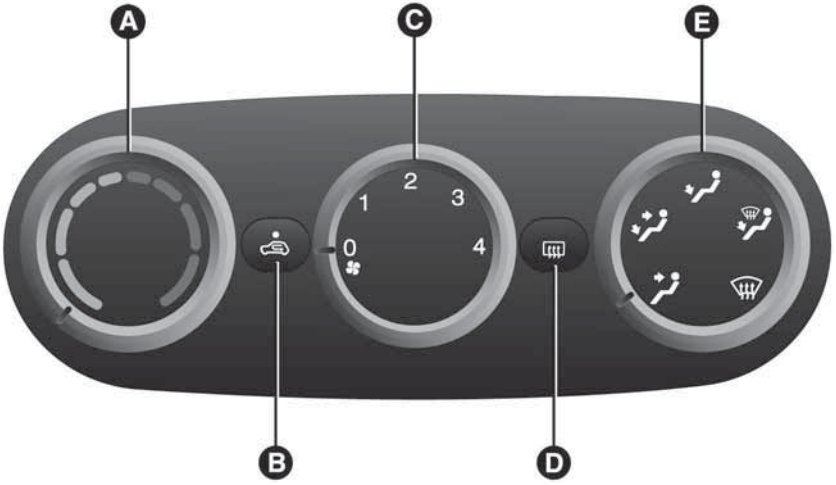


fig. 42 F0Y0156

A - Air temperature adjustment knob:

❒ blue section = cold air

❒ red section = hot air

B - air recirculation on/off button;

C - fan activation/adjustment knob:

❒ 0 = fan off

❒ 1-2-3-4 = fan speed

D - heated rear window on/off button;

E - air distribution knob:

- air from central outlets and side vents
- air from central outlets, side vents and front and rear footwell vents
- air only from front and rear footwell vents
- air from front and rear footwell vents, to windscreen and side windows
- air outlet to windscreen and side windows

PASSENGER COMPARTMENT VENTILATION/HEATING

To heat the passenger compartment, proceed as follows:

❒ turn knob A to the red section;

❒ turn knob E to ;

❒ turn knob C to 4 (maximum fan speed).

Then operate the controls to maintain the desired comfort conditions.

IMPORTANT When the engine is cold, it takes a few minutes to achieve optimum passenger compartment heating.

RAPID DEMISTING/DEFROSTING

This procedure activates rapid demisting/defrosting of the windscreen and front side windows.

For rapid demisting/defrosting, proceed as follows:

❒ turn knob A to the red section;

❒ press button B and deactivate internal air recirculation (LED on button off);

❒ turn knob C to 4 (maximum fan speed);

❒ turn knob E to .

Window demisting

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

- ❒ turn knob A to the red section;
- ❒ press button B and deactivate internal air recirculation (LED on button off);
- ❒ turn knob E to with the possibility of moving it to position if misting does not occur;
- ❒ turn knob C to the 2nd speed (advised speed). It is possible to select a different speed according to your own judgement.

HEATED REAR WINDOW DEMISTING/DEFROSTING

Press button D ( ) to activate/deactivate the function.

Warning light on the instrument panel comes on to show that the function has been activated. The function is automatically deactivated after 20 minutes.

For versions/markets where provided, press the button to activate demisting/defrosting of door mirrors and windscreen (for versions/markets, where provided).

IMPORTANT Do not affix stickers to the inside of the heated rear window over the heating filaments, to avoid damage that might cause them to stop working properly.

INTERNAL AIR RECIRCULATION

Press button B ( ) so that the LED on the button switches on. It is advisable to switch internal air recirculation on while standing in traffic or in tunnels to prevent the introduction of polluted air.

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

IMPORTANT Internal air recirculation makes it possible to reach the required heating or cooling conditions more quickly depending on the mode selected. Do not use the internal air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting.

AIR DISTRIBUTION SELECTION

Turn knob E to manually select one of the five possible air distribution settings in the passenger compartment:

- Air flow to the windscreen, front side window and front/rear footwell diffusers.
- Air flow to the front/rear footwell diffusers. This air distribution allows the passenger compartment to be heated quickly.
- Air flow distributed between central and side dashboard vents and front/rear footwell vents.
- Air flow to central/side dashboard vents (passenger's body).
- Air flow to windscreen and side windows.

MANUAL CLIMATE CONTROL SYSTEM

CONTROLS

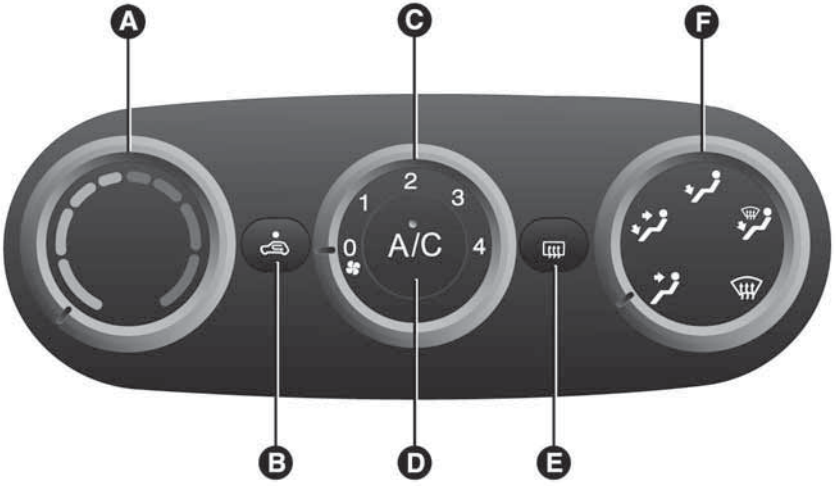


fig. 43

F0Y0041

A - Air temperature adjustment knob:

❒ blue section = cold air

❒ red section = hot air

B - air recirculation on/off button;

C - fan activation/adjustment knob:

❒ 0 = fan off

❒ 1-2-3-4 = fan speed

D - climate control system compressor on/off button;

E - heated rear window on/off button;

F - air distribution knob:

- air from central outlets and side vents
- air from central outlets, side vents and front and rear footwell vents
- air only from front and rear footwell vents
- air from front and rear footwell vents, to windscreen and side windows
- air outlet to windscreen and side windows

CLIMATE CONTROL SYSTEM (cooling)

To cool the passenger compartment, proceed as follows:

❒ turn knob A to the blue section;

❒ press button B to enable internal air recirculation (LED on button on);

❒ turn knob F to ;

❒ press button D to activate climate control system and turn knob C to at least 1 (1st speed). For rapid cooling, turn knob C to 4 (maximum fan speed).

IMPORTANT According to particular outside environmental conditions, the climate control system activates recirculation automatically (for versions/ markets, where additional heater provided).

Reduction in cooling

❒ turn knob A clockwise to increase the temperature;

❒ press button B to deactivate internal air recirculation (LED on button off);

❒ turn knob C to reduce the fan speed.

PASSENGER COMPARTMENT HEATING

To heat the passenger compartment, proceed as follows:

❒ turn knob A to the red section;

❒ press button B to enable internal air recirculation (LED on button on);

❒ turn knob F to ;

❒ turn knob C to at least 1 (1st speed). For rapid heating, turn knob C to 4 (maximum fan speed).

Reduction in heating

❒ turn knob A anticlockwise to decrease the temperature;

❒ press button B to deactivate internal air recirculation (LED on button off);

❒ turn knob C to reduce the fan speed.

IMPORTANT When the engine is cold, it takes a few minutes to achieve optimum passenger compartment heating.

RAPID DEMISTING/DEFROSTING

This operation allows the windscreen and front side windows to be rapidly demisted/defrosted.

For rapid demisting/defrosting, proceed as follows:

❒ turn knob A to the red section;

❒ turn knob C to 4 (maximum fan speed);

❒ turn knob F to .

IMPORTANT In this condition, the climate control system deactivates the recirculation function (LED on button B off) and activates the compressor (LED on button D on). The purpose of this automatic operation is to prevent the window misting up.

Window demisting

The climate control system is very useful in preventing the windows from misting up in the event of high levels of humidity.

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

❒ turn knob A to the red section;

❒ turn knob F to with the possibility of moving it to position if misting does not occur;

❒ turn knob C to the 2nd speed.

HEATED REAR WINDOW DEMISTING/DEFROSTING

Press button E ( ) to turn the function on/off.

Warning light on the instrument panel comes on to show that the function has been activated. The function is automatically deactivated after 20 minutes.

For versions/markets where provided, press the button to activate demisting/defrosting of door mirrors and heated windscreen (for versions/markets, where provided).

IMPORTANT Do not affix stickers to the inside of the heated rear window over the heating filaments, to avoid damage that might cause them to stop working properly.

INTERNAL AIR RECIRCULATION

Press button B () so that the LED on the button switches on. It is advisable to switch internal air recirculation on while standing in traffic or in tunnels to prevent the introduction of polluted air.

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

IMPORTANT Internal air recirculation makes it possible to reach the required heating or cooling conditions more quickly depending on the mode selected. Do not use the internal air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting.

AIR DISTRIBUTION SELECTION

Turn knob F to manually select one of the five possible air distribution settings in the passenger compartment:

- Air flow to the windscreen, front side window and front/rear footwell diffusers.
- Air flow to the front/rear footwell diffusers. This air distribution allows the passenger compartment to be heated quickly.
- Air flow distributed between central and side dashboard diffusers and front/rear footwell diffusers.
- Air flow to central/side dashboard vents (passenger's body).
- Air flow to windscreen and side windows.

Selecting the footwell/windscreen or only windscreen distribution activates the climate control system compressor (LED on A/C button on) and the air recirculation is set to "outside air" (LED on button B off). This logic guarantees optimum visibility at the windows. The user can always set air recirculation and climate control system compressor.

START&STOP

Manual climate control system

If the Start&Stop function is activated (engine off when the car speed is zero), the system keeps the air flow selected by the user.

In these conditions, the passenger compartment cooling and heating cannot be guaranteed, as the compressor stops with the engine coolant pump.

The Start&Stop function can be deactivated, to enhance the operation of the climate control system, by pressing the dedicated button on the dashboard.

ADDITIONAL ELECTRIC HEATER
(for versions/markets, where provided)

The additional electric heater ensures more rapid passenger compartment heating.

It activates in cold weather conditions, if the following conditions are verified:

- ❒ outside temperature low;
- ❒ engine coolant temperature low;
- ❒ engine on;
- ❒ fan speed set at least to 1st speed;
- ❒ knob A turned completely clockwise to red section.

The heater is switched off when at least one of the conditions above is no longer verified.

Note The power of the electric heater is modulated according to the battery voltage.

SYSTEM MAINTENANCE

In winter, the climate control system must be turned on at least once a month for about 10 minutes.

Have the system inspected at a Fiat Dealership before the summer.



The system uses R134a coolant which does not pollute the environment in the event of accidental leakage. Under no circumstances use R12 fluid, which is incompatible with the components of the system.

AUTOMATIC DUAL ZONE CLIMATE CONTROL SYSTEM

(for versions/markets, where provided)

CONTROLS



fig. 44

F0Y0034

A - driver side temperature adjustment knob;

B - internal air recirculation on/off button;

C - heated rear window and thermal comfort windscreen on/off button (for versions/markets, where available);

D - climate control system compressor on/off button;

E - climate control system on/off button;

F - fan speed adjustment knob;

G - fan speed indicator LED;

H - air distribution selection buttons;

I - MAX-DEF function (rapid defrosting/demisting of front windows), heated rear window and heated door mirrors (for versions/markets, where provided) activation button;

L - passenger side temperature adjustment knob;

M - driver/passenger side MONO function activation button (alignment of set temperatures);

N - AUTO function activation button (automatic operation).

DESCRIPTION

The automatic dual zone climate control system regulates the air temperatures in the passenger compartment in two zones: driver side and passenger side.

The system maintains comfort inside the passenger compartment and compensates for possible variations in external climate conditions.

The climate control system can recognise extremely cold (or extremely hot) conditions in the passenger compartment and consequently provide optimal management of the system's capabilities.

Note The reference temperature is 22°C for optimal comfort management.

The automatically controlled parameters and functions are:

❒ air temperature at the driver/front passenger side vents;

❒ air distribution at the driver/front passenger side vents;

❒ fan speed (continuous variation of the air flow);

❒ compressor engagement (for cooling/dehumidifying the air);

❒ air recirculation.

All these functions can be adjusted manually by operating the system, selecting one or more functions and modifying their parameters.

Automatic control of the functions will be suspended: the system will only override the settings for safety reasons.

Manual selections always take priority over automatic ones and are stored until the AUTO button is pressed or the system itself intervenes for specific safety reasons.

The amount of air introduced into the passenger compartment is not affected by car speed; it is regulated by the fan, which is controlled electronically.

The air temperature is always automatically controlled according to the temperature set on the display (except for when the system is off or in certain conditions when the compressor is not running).

The system allows the following to be set or adjusted manually:

❒ driver/passenger side air temperature;

❒ fan speed (continuous variation);

❒ air distribution to 7 positions;

❒ compressor enablement;

❒ rapid defrosting/demisting function;

❒ air recirculation;

❒ heated rear window;

❒ system deactivation.



The climate control system detects the passenger compartment temperature using a mean radiant temperature sensor located in the interior rear view mirror and protected by a specific cover. Obstructing the field of view of this sensor with any object could cause the climate control system to operate with less than optimal efficiency.

SWITCHING ON THE CLIMATE CONTROL SYSTEM

The climate control system can be switched on in different ways: it is advisable to press the AUTO button and turn the knobs to set the desired temperatures.

In this way the system operates completely automatically to adjust the temperature, quantity and distribution of the air introduced into the passenger compartment. It also manages the air recirculation function and the activation of the air conditioning compressor.

During automatic operation, you can change the set temperatures, air distribution and fan speed at any time by using the relevant buttons or knobs: the system will automatically change the settings to adjust to the new requirements.

During completely automatic operation (AUTO), varying the air flow and/or distribution (which are not displayed) causes the AUTO function LED to disappear and the system to operate in MANUAL mode (displaying both the flow and distribution requested).

When the compressor is deactivated, the AUTO operation remains active only if the system can guarantee in-car comfort. Otherwise, the system switches to MANUAL mode (the set temperatures will flash on the display). The fan speed is the same in all the zones of the passenger compartment.

ADJUSTING THE AIR TEMPERATURE

Turn the A or L knob clockwise or anticlockwise to adjust the air temperature in the front left (knob A) or right (knob L) zone of the passenger compartment.

The set temperatures are shown on the displays.

Press the MONO button to align the air temperature between the two zones.

Turn the L knob to return to the separate management of air temperatures in the two zones.

Turning the knobs completely in one direction or the other activates the "HI" (maximum heating) or "LO" (maximum cooling) functions respectively.

To deactivate these functions, turn the temperature knob to the desired temperature.

AIR DISTRIBUTION SELECTION

By pressing buttons H (△ /▽ / ▷), it is possible to set one of the 7 possible air distributions manually:

△ Air flow to the windscreen and front side window diffusers to demist/defrost them.

▷ Air flow at central and side dashboard vents to ventilate the chest and the face during the hot season.

▽ Air flow to the front and rear footwell diffusers. This air distribution setting heats the passenger compartment most quickly, giving a prompt sensation of warmth.

▷ ▽ Air flow distributed between footwell diffusers (hotter air) and central and side dashboard vents (cooler air). This distribution setting is useful in spring and autumn on sunny days.

△ ▽ Air flow distributed between footwell diffusers and windscreen and front side window defrosting/demisting diffusers. This distribution setting allows the passenger compartment to be warmed effectively and prevents the windows from misting.

△ ▷ Air flow distribution between windscreen demisting/defrosting diffusers and side and central dashboard vents. This allows air to be sent to the windscreen in conditions of strong sunlight.

△ ▷ ▽ Air flow distribution to all diffusers on the car.

Note Air always flows from the side dashboard diffusers: it is, however, possible to interrupt the air flow by operating the wheel located near the corresponding vents.

In AUTO mode, the climate control system automatically manages air distribution (the LEDs on buttons H are off).

When set manually, the air distribution is indicated by the LEDs on the selected buttons switching on.

In combined function mode, functions are enabled together with those already set when the relevant button is pressed. If a button whose function is already active is pressed, the operation is cancelled and the corresponding LED switches off.

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

ADJUSTING THE FAN SPEED

Turn knob F to increase/decrease the fan speed.

The speed is indicated by the LEDs G on the knob F switching on.

❒ maximum fan speed = all LEDs lit;

❒ minimum fan speed = one LED lit.

The fan can only be excluded if the climate control system compressor has been switched off by pressing button D.

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

AUTO BUTTON

When the AUTO button is pressed (LED on button lit) the climate control system automatically adjusts the following settings in the corresponding zones:

❒ quantity and distribution of the air introduced into the passenger compartment

❒ climate control system compressor

❒ air recirculation

cancelling all previous manual adjustments.

This is indicated by the LED on the AUTO button switching on.

If the AUTO button is pressed when the AUTO LED is on, the system switches to completely manual mode; it displays the current flow and distribution status, which will no longer be managed automatically.

If a manual intervention is made on at least the air distribution or on the fan speed, the LED switches off to indicate that the system is no longer controlling all functions automatically.

Deactivating the compressor results in the deactivation of automatic operation only if the system is no longer able to guarantee comfort conditions (which depend on the set temperature).

IMPORTANT Should the system no longer be able to guarantee the required temperature set in various passenger compartment zones, the set temperature value will flash for a few seconds on the display.

To restore automatic system control after one or more manual adjustments, press the AUTO button.

MONO BUTTON

Press the MONO button (LED on button lit) to align the passenger side air temperature with that of the driver side.

This function makes temperature regulation easier when the driver is travelling alone.

Turn knob L to set the passenger side temperature and return to separate air temperature management.

AIR RECIRCULATION

The air recirculation is managed according to the following operating logics:

- ❒ forced activation (air recirculation always on): indicated by the LED on button B ;
- ❒ forced deactivation (air recirculation always off, air intake from the outside), signalled by the LED on button B switching off.

Forced activation/deactivation can be selected by pressing button B .

When button ⏻ is pressed, the climate control system automatically activates internal air recirculation (LED on button B on)

It is still possible to activate outside air recirculation (LED on the button off) and vice versa, by pressing button B .

In automatic operation, recirculation is managed automatically by the system according to outside environmental conditions.

IMPORTANT The engagement of the recirculation system makes it possible to reach the required heating/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 up inside (especially if the climate control system is off). When the outside temperature is low, recirculation is forced off (air drawn in from the outside) to prevent the windows from misting up.



It is inadvisable to use internal air recirculation when the outside temperature is low, since the windows could mist up rapidly.

CLIMATE CONTROL SYSTEM COMPRESSOR

Press button D to activate/deactivate the compressor (activation is indicated by the LED on the button switching on).

The system remembers that the compressor has been switched off, even after the engine has stopped.

When the compressor is switched off the system deactivates air recirculation to prevent the windows from misting up. In this case, if the system is capable of maintaining the required temperature, the AUTO LED does not switch off.

The temperatures will instead flash for a few seconds and the AUTO LED will switch off if the required temperature cannot be maintained.

To restore automatic control of compressor engagement, press button C again or press the AUTO button.

With compressor off:

- ❒ if the outside temperature is higher than the set one, the climate control system will not be able to satisfy the request. The temperature values will then flash on the display for a few seconds to indicate this;
- ❒ the fan speed can be reset manually.

With the compressor on and the engine running, manual ventilation cannot be lower than the minimum speed (only one LED lit).

IMPORTANT With the compressor off, air cannot be introduced to the passenger compartment with a temperature lower than the outside temperature. Moreover, under certain environmental conditions, windows could mist rapidly since the air is not dehumidified.

RAPID WINDOW DEMISTING/ DEFROSTING (MAX-DEF function)

Press the button to activate (LED on button on) the windscreen and side window demisting/ defrosting function.

The climate control system carries out the following operations:

- ❒ switches on the air conditioning compressor when environmental conditions are suitable;
- ❒ switches air recirculation off;
- ❒ sets maximum air temperature (HI) in both zones;
- ❒ sets fan speed according to the engine coolant temperature;
- ❒ directs air flow to windscreen and front side windows diffusers;
- ❒ activates the heated rear window;
- ❒ activates the heated windscreen (for versions/ markets, where provided);
- ❒ displays the fan speed (LED G lit).

IMPORTANT The MAX-DEF function remains on for about 3 minutes from when the engine coolant reaches the appropriate temperature.

When the function is activated, the LED on the AUTO button switches off. With the function activated the only possible manual adjustments are adjusting the fan speed and turning the heated rear window off.

When the B, C, or AUTO buttons are pressed, the climate control system will deactivate the MAX-DEF function.

Selecting the footwell/windscreen or only windscreen distribution activates the climate control system compressor (LED on A/C button on) and the air recirculation is set to "outside air" intake (LED on button off).

This logic guarantees optimum visibility at the windows. It is, however, always possible to manage air recirculation and the climate control system compressor manually.

HEATED REAR WINDOW DEMISTING/DEFROSTING

Press the button to activate heated rear window demisting/defrosting.

The effective activation of the function is indicated by the warning light on the instrument panel switching on.

This function switches off automatically after about 20 minutes or when the engine is turned off. It is not switched on automatically the next time the engine is started.

For versions/markets where provided, press the button to activate demisting/defrosting of door mirrors and heated nozzles (for versions/markets, where provided).

IMPORTANT Do not affix stickers to the inside of the heated rear window over the heating filaments, to avoid damage that might cause them to stop working properly.

Heated windscreen

(for versions/markets, where provided)

Press button C to activate this function.

When the function is active, a warning light on the instrument panel is on.

For versions/markets where provided, press the C button to activate also demisting/defrosting of windscreen (with engine running only) and heated door mirrors (for versions/markets, where provided).

This function is timed and switches off automatically after 4 minutes for the windscreen and 20 minutes for the rear window and door mirrors. Press button C again to disable the function in advance.

Press button C to activate the heated windscreen again:

- ❒ pressing the button once the warning light switches on in the instrument panel;
- ❒ pressing the button twice the warning light switches on in the instrument panel (the heated rear window warning light stays on);
- ❒ pressing the button a third time the warning lights e switch off.

IMPORTANT Do not apply stickers on the inside of the rear window over the heating filaments to avoid damage.

SWITCHING OFF THE CLIMATE CONTROL SYSTEM

Press button .

With climate control system off:

- ❒ air recirculation is on, thus isolating the passenger compartment from the outside;
- ❒ the compressor is off;
- ❒ the fan is off;
- ❒ the heated rear window can be activated/ deactivated.

IMPORTANT The climate control system control unit stores the temperatures set before the system was switched off and restores them when any button of the system is pressed (except for button D).

To restart the climate control system in fully automatic mode press the AUTO button.

START&STOP

Automatic dual zone climate control system

The automatic dual zone climate control system manages the Start&Stop function (engine off when car speed is zero) to ensure adequate comfort inside the car.

The Start&Stop function is disabled until a suitable comfort level in the passenger compartment is ensured; thus the engine does not turn off during these temporary stages, even if car speed is zero.

When the Start&Stop function is active (engine off at zero car speed), the climate control system will request the reactivation of the engine if the inside temperature conditions rapidly deteriorate or if maximum cooling ("LO") or quick demisting (MAX-DEF) are requested.

With the Start&Stop function active (engine off at zero car speed), air flow is reduced in order to maintain comfort conditions inside the passenger compartment as long as possible when the system is in AUTO mode (LED on button on).

When a low air flow is selected, the climate control system control unit always activates the Start&Stop function.

The climate control system control unit attempts to manage the "discomfort" caused by the engine stopping (deactivation of compressor and engine coolant pump) as best it can but the operation of the climate control system can be enhanced through the deactivation of the Start&Stop function by pressing the button on the dashboard control trim (see contents of "Start&Stop system" paragraph in this chapter).

Note In particularly severe climate conditions it is recommended to limit the use of the Start&Stop function to prevent the compressor from continuously switching on and off, with consequent rapid misting of the windows and accumulation of humidity with unpleasant smells in the passenger compartment.

Note When the Start&Stop function is on (engine off and vehicle speed zero), the automatic recirculation management is turned off always taking air in from outside, to reduce the probability of window misting up (as the compressor is off).

ADDITIONAL HEATER

(for versions/markets, where provided)

This allows the passenger compartment to be heated more quickly in cold weather conditions.

The heater switches off automatically when the required comfort conditions are achieved.

The additional heater activates automatically depending on the environmental conditions and with engine started.

IMPORTANT The heater only operates if the outside temperature and engine coolant temperature are low. The heater will not activate if the battery voltage is too low.

EXTERNAL LIGHTS

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

The ignition key has to be in the MAR position for the exterior lights to come on.

The instrument panel and the various dashboard controls will come on with the external lights.

DAY LIGHTS (DRL) "Daytime Running Lights"

(for versions/markets, where provided)

With the ignition key turned to MAR-ON and ring nut A fig. 45 turned to **O**, the daytime running lights are activated automatically; the other lights and interior lighting remain off.



fig. 45 F0Y0048

WARNING

The daytime running lights are an alternative to the dipped beam headlights for driving during the daytime in countries where it is compulsory to have lights on during the day; where it is not compulsory, the use of daytime running lights is permitted.

WARNING

Daytime running lights cannot replace dipped headlights when driving at night or through tunnels. The use of daytime running lights is governed by the highway code of the country in which you are driving. Comply with legal requirements.

SIDE LIGHTS AND DIPPED BEAM HEADLIGHTS

With the ignition key turned to MAR, turn the ring nut A fig. 45 to ≡D. If dipped beams are activated, the daytime running lights go out and the side lights and dipped headlights come on. The ≡D warning light will come on in the instrument panel.

When the ignition key is turned to STOP or removed and the ring nut A is turned from **O** to ≡D, all the side lights and number plate lights come on.

The ≡D warning light switches on in the instrument panel.

AUTOMATIC LIGHT CONTROL (AUTOLIGHT)
(Dusk sensor)
(for versions/markets, where provided)

This infrared LED sensor, combined with the rain sensor and located on the windscreen, detects the variations in outside brightness depending on the light sensitivity set with the Setup Menu: the greater the sensitivity, the less external light is required to activate the exterior lights.

Activation

The dusk sensor activates when ring nut A fig. 45 is turned to ≡Ⓐ . In this way the side lights and dipped headlights are activated automatically according to the external light level.

Following automatic light activation, the fog lights (for versions/markets, where provided) and rear fog light may still be switched on. When the lights are automatically switched off, the front and rear fog lights (if activated) are also switched off. The next time the lights are switched on automatically, the fog lights must be reactivated manually (if required).

With dusk sensor active, it is not possible to keep the main beam headlights on constantly; only flashing is permitted. To switch these lights on constantly, turn ring nut A to ≡D and pull the stalk towards the steering wheel.

On automatic sensor controlled deactivation, the dipped headlights are deactivated first, followed by the side lights a few seconds later.

If the sensor is activated but is malfunctioning, the side lights and dipped beam headlights are switched on irrespective of the outside light level: the sensor failure is indicated on the display. It is also possible to deactivate the sensor and switch on the desired lights, if necessary.

IMPORTANT The sensor cannot detect the presence of fog. These lights must therefore be switched on manually in these circumstances.

MAIN BEAM HEADLIGHTS

To activate the main beam headlights, with ring nut A at ≡D , pull the stalk towards the steering wheel beyond the end of travel position.

The ≡D warning light switches on in the instrument panel.

When the stalk is pulled towards the steering wheel again, beyond the end of travel position, the main beam headlights deactivate, the dipped beam headlights reactivate and the warning light ≡D switches off.

It is not possible to switch on the main beam headlights in fixed mode if the automatic lighting control system is active.

FLASHING

To do this, pull the stalk towards the steering wheel (unstable position) regardless of the position of ring nut A.

The ≣D warning light switches on in the instrument panel.

DIRECTION INDICATORS

Bring the stalk to the (stable) position:

upwards: right-hand direction indicator activation;

downwards: left-hand direction indicator activation.

The ⇨ or ⇦ warning light will flash on the instrument panel.

Direction indicators are switched off automatically when the steering wheel is straightened.

Lane change function

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

The direction indicator on the side selected will be activated for 5 flashes and then go out automatically.

"Cornering lights"

When the dipped headlamps are on and the speed is below 40 km/h, if the steering wheel rotation angle is large or the direction indicators are on, a light (incorporated in the fog light) will switch on on the relevant side to improve visibility at nighttime.

"FOLLOW ME HOME" DEVICE

This allows the space in front of the car to be lit up for a certain period of time.

Activation: with the ignition key turned to STOP or removed, pull the stalk towards the steering wheel within 2 minutes from when the engine is turned off.

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

Also, each time the stalk is operated, the ≣D warning light on the instrument panel switches on. The display shows a message and the time set for the function.

The ≣D warning light switches on when the stalk is first moved and stays on until the function is automatically deactivated. Each movement of the stalk only increases the amount of time the lights stay on.

Deactivation: keep the stalk pulled towards the steering wheel for more than two seconds.

WINDOW CLEANING

The right stalk controls windscreen wiper/washer and heated rear window wiper/washer operation.

WINDSCREEN WASHER/WIPER

They can be operated only with the ignition key turned to MAR.

The ring nut A fig. 46 can be moved to four different positions:

- O windscreen wiper off.
- intermittent operation.
- continuous slow operation.
- continuous fast operation.

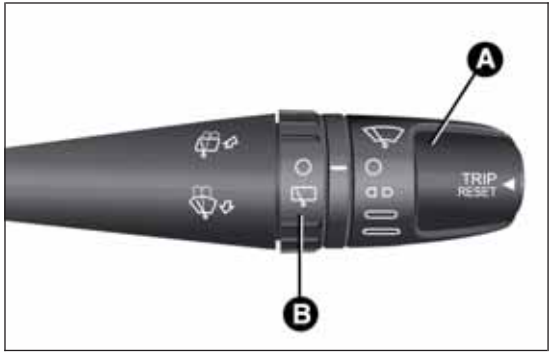


fig. 46 F0Y0049

Move the stalk upwards (unstable position) to limit operation to the time for which the stalk is held in this position. When released, the stalk will return to its default position and the wiper will be automatically stopped.

With the ring nut A fig. 46 in position , the windscreen wiper will automatically adapt operating speed to the speed of the car.

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

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 cut-out switch, which prevents operation for a few seconds, may intervene. If operation is not restored (even after turning the key and restarting the car engine), contact a Fiat Dealership.

Do not operate the windscreen wiper with the blades lifted from the windscreen.

"Smart washing" function

Pull the lever towards the steering wheel (unstable position) to activate the windscreen washer.

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

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

A further stroke after approximately six seconds completes the wiping cycle (for versions/markets, where provided).

RAIN SENSOR

(for versions/markets, where provided)

This is located behind the interior rear view mirror, in contact with the windscreen fig. 47 and can detect the presence of rain and, consequently, manage the cleaning of the windscreen in accordance with the amount of water on the screen.

The sensor has an adjustment range that varies progressively from wiper still (no stroke) when the windscreen is dry, to wiper at 2nd continuous speed (fast continuous operation) with intense rain.

Activation

The sensor is activated when the ring nut A fig. 46 is turned to AUTO position: the windscreen wiper stroke frequency is thus adjusted in accordance with the amount of water on the windscreen.

The activation of the sensor is signalled by a "stroke" to show that the command has been acquired.

The sensitivity of the rain sensor can be adjusted through the Setup menu (see paragraph "Menu Items" in this section).

The variation in sensitivity during rain sensor operation is also signalled by a stroke of the wipers. This stroke is also executed with the windscreen dry.

IMPORTANT Keep the glass in the sensor area clean.

If the windscreen washer is used with the rain sensor activated, the normal washing cycle is performed, after which the rain sensor resumes its normal automatic operation.

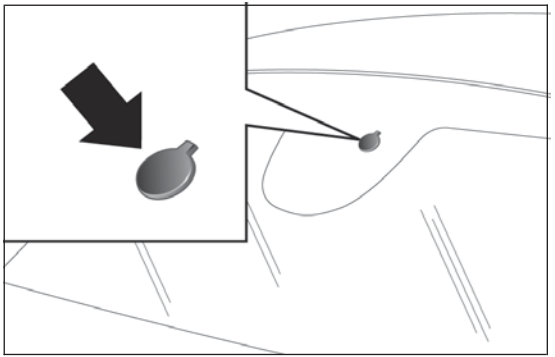


fig. 47 F0Y0255

Deactivation

Move the stalk ring nut away from the position ⊂D or turn the ignition key to STOP.

If the ignition key is turned to the STOP position leaving the ring nut A in position ⊂D, no wiping cycle is performed at the next startup (ignition key to the MAR-ON position) even in case of rain.

This prevents unwanted activation of the rain sensor when the engine is started (i.e. when the windscreen is being washed by hand or the wipers are stuck to the windscreen by ice).

To restore automatic operation of the rain sensor, turn ring nut A from ⊂D position to O position and then turn the ring nut back to the ⊂D position.

When the rain sensor is reactivated using any of the manoeuvres described above, reactivation is indicated by a single stroke of the windscreen wipers, regardless of the condition of the windscreen.

In the event of malfunction of the rain sensor whilst it is active, the windscreen wiper operates intermittently at a speed consistent with the sensitivity setting of the rain sensor, regardless of whether there is rain on the glass (on some versions sensor failure is indicated on the display).

The sensor continues to operate and it is possible to set the windscreen wiper to continuous mode (1st or 2nd speed). The failure indication remains for as long as the sensor is active.

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

- ❒ presence of dirt on the controlled surface (salt, dirt, etc.);
- ❒ presence of streaks of water caused by the worn window wiper blades;
- ❒ difference between day and night.



Do not activate the rain sensor when washing the car in an automatic car wash.



Make sure the device is switched off if there is ice on the windscreen.



WARNING

Make sure the device is switched off whenever the windscreen must be cleaned.

REAR WINDOW WASHER/ WIPER

It can be operated only with the ignition key turned to MAR.

Activation

Turn the ring nut B fig. 46 from ○ to ⌔ to operate the rear window wiper as follows:

❒ in intermittent mode when the windscreen wiper is not operating;

❒ in synchronous mode (at half the speed of the windscreen wiper) when the windscreen wiper is operating;

❒ in continuous mode with reverse engaged.

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

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

Deactivation

The function stops when the stalk is released.



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

CRUISE CONTROL

(for versions/markets, where provided)

This is an electronically controlled driving assistance device that allows the desired car speed to be maintained, without having to press the accelerator pedal.

This device can be used at a speed above 30 km/h on long stretches of dry, straight roads with few variations (e.g. motorways).

The use of this device on extra-urban roads with traffic is not therefore recommended. Do not use the device in town.

ACTIVATING THE DEVICE

Turn ring nut A fig. 48 to . Activation is indicated by the warning light on the instrument panel switching on and, on some versions, by a message on the display.



fig. 48 F0Y0050

The speed adjustment function cannot be activated in 1st or reverse gear; it is advisable to activate the function in 4th or higher gears.

When travelling downhill with the device active, the car speed may slightly exceed the stored one.

Storing car speed

Proceed as follows:

- ❒ turn ring nut A fig. 48 to and press the accelerator pedal so that the car reaches the desired speed;
- ❒ move the stalk upwards (+) for at least one second, then release it: the speed is memorised and you can therefore release the accelerator pedal.

If needed (when overtaking for instance), you can accelerate simply by depressing the accelerator pedal: when you release the pedal, the car goes back to the speed stored previously.

Restoring the stored speed

If the device has been deactivated, for example by depressing the brake or clutch pedal, the set speed can be restored as follows:

- ❒ accelerate progressively until a speed close to that stored is reached;
- ❒ engage the gear selected at the time that the speed was stored;
- ❒ press the CANC RES button (B fig. 48).

INCREASING THE STORED SPEED

This can be carried out in two ways:

❒ by pressing the accelerator and storing the new speed reached

or

❒ by moving the stalk upwards (+) until the new speed, which will be stored automatically, is reached.

Each movement of the stalk corresponds to an increase in speed of about 1 km/h, while keeping the stalk held upwards will continuously increase the speed.

REDUCING THE STORED SPEED

This can be carried out in two ways:

❒ by deactivating the device and then storing the new speed

or

❒ by moving the lever downwards (–) until the new speed, which will automatically remain stored, is reached.

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

DEACTIVATING THE DEVICE

The device can be deactivated by the driver in the following ways:

❒ turning ring nut A to **O**;

❒ by stopping the engine

❒ by pressing the brake pedal, the clutch or the accelerator; in this last case the system is not completely deactivated but gives priority to the acceleration request. The device still remains active, without the need to press the CANC RES button to return to the previous condition once acceleration is concluded.

Automatic deactivation

The device deactivates automatically in the following cases:

❒ intervention of the ABS or ESC systems;

❒ with the car speed below the set limit

❒ in the event of system failure.

WARNING

When travelling with the device active, never move the gear lever to neutral.

WARNING

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

SPEED LIMITER

This device allows the speed of the car to be limited to values which can be set by the driver.

The maximum speed can be set both with car stationary and in motion. The minimum speed that can be set is 30 km/h.

When the device is active, the car speed depends on the pressure at the accelerator pedal, until the programmed speed limit is reached (see "Speed limit programming" paragraph).

If necessary (in the event of overtaking for example), the programmed speed limit can be exceeded by fully depressing the accelerator pedal.

By gradually reducing the pressure on the accelerator pedal, the function will be reactivated as soon as the car speed drops below the programmed speed.

Activating the device

To activate the device, turn ring nut A fig. 48 to .

Activation of the device is indicated by the warning light on the instrument panel switching on and, on some versions, by a message on the display plus last programmed speed value.

Speed limit programming

The speed limit can be programmed without necessarily activating the device.

To store a speed value higher than that displayed, move stalk A upwards (+). Each movement of the stalk corresponds to an increase in speed of about 1 km/h, while keeping the stalk held upwards will increase the speed with an increment of 5 km/h.

To store a value lower than that displayed, move stalk A downwards (–). Each movement of the stalk corresponds to a decrease in speed of about 1 km/h, while keeping the stalk held downwards a decrease of 5 km/h is obtained.

Activating/deactivating the device

Press the CANC RES button to activate/deactivate the device.

The activation of the device is indicated by the warning light on the instrument panel switching on.

The deactivation of the function is instead indicated by the OFF symbol on the display.

Exceeding the programmed speed

By fully depressing the accelerator pedal, the programmed speed can be exceeded even with the device active.

IMPORTANT A jerk and increased load is perceived when the accelerator pedal end of travel is reached. This, to signal to the driver that the speed control system is being deactivating.

In this case the device is deactivated temporarily and the set speed flashes on the display.

Reducing the speed below the programmed value reactivates the device automatically.

IMPORTANT With the device deactivated, the car maximum speed is reached before the end of travel with a jerk and the load hardening. The jerk is also present with the device deactivated.

Flashing of programmed speed

The programmed speed flashes in the following cases:

- ❒ when the accelerator pedal has been fully depressed and the car speed has exceeded programmed speed;
- ❒ when the device cannot reduce the speed of the car due to the gradient of the road;
- ❒ in the event of sharp acceleration.

Deactivating the device

To deactivate the device, turn ring nut A to **O**.

The deactivation of the device is indicated by the warning light switching off on the instrument panel and, on some versions, by a message and OFF symbol on the display.

Automatic deactivation of device

The device deactivates automatically in the event of fault in the system.

ROOF LIGHTS

FRONT ROOF LIGHT

Switch A fig. 49 switches the roof lights on/off.

A switch positions:

❒ central position: lights C and E switch on/off when the doors are opened/closed;

❒ pressed to the left (position OFF): lights C and E are always switched off;

❒ pressed to the right (position ⚹): lights C and D are always switched on.

The lights switch on/off gradually.

Switch B switches on/off light C.

Switch D switches on/off light E.

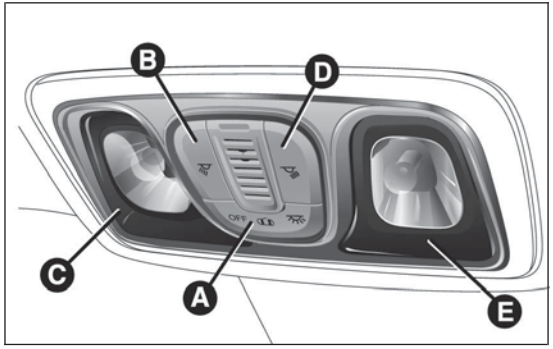


fig. 49 F0Y0098

IMPORTANT Before getting out of the car, make sure that the roof light bulbs are off; this will prevent the battery from being drained once the doors are closed. In any case, if a light is left on by mistake, the roof light switches off automatically about 15 minutes after the engine has been switched off.

ROOF LIGHT TIMING

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

Timing when getting into the car

The roof lights switch on according to the following modes:

❒ for about 10 seconds when the doors are unlocked;

❒ for about 3 minutes when one of the doors is opened;

❒ for about 10 seconds when the doors are closed.

The timed period is interrupted when the ignition key is turned to MAR-ON.

The lights switch off in three ways:

- ❒ when all doors are closed, the 3-minute timer will stop and a 10-second one will start. This timer will stop when the key is turned to MAR-ON;
- ❒ when doors are locked (either with remote control or with key on driver side door), the roof light switches off;
- ❒ the interior lights are switched off in any case after 15 minutes to preserve battery charge.

Timing when getting out of the car

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

- ❒ if the ignition key is removed within 3 minutes from the engine stopping, the roof lights switch on for 10 seconds;
- ❒ for about 3 minutes when one of the doors is opened;
- ❒ for about 10 seconds when one of the doors is closed.

The timing stops automatically when the doors are locked.

REAR ROOF LIGHT

Versions without sun roof (or glazed roof)

Press the cover A fig. 50 to switch the light on/off. The light will stay on for a few seconds after the doors are closed and will then switch off automatically.

The light switches off in any case when the ignition key is turned to MAR-ON.

The light switches off automatically after a few minutes if a door is left open. To switch it on again, if necessary, open another door or close and reopen the same door or press the cover A.

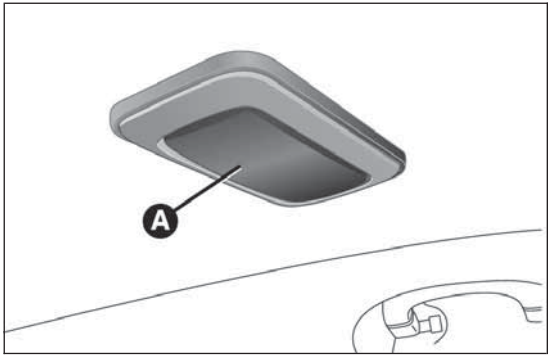


fig. 50 F0Y0101

Versions with sun roof (or with glazed roof)

For versions with sun roof (or with glazed roof), there are two roof lights A fig. 51 at the sides (above the rear doors).

To switch the lights on/off, press at the + sign on the roof light cover.

The rear roof light(s) also switch on in the same circumstances that cause the front roof light to switch on.

LUGGAGE COMPARTMENT ROOF LIGHT

The roof light A fig. 52 is located on the left side of the luggage compartment. This switches on automatically when the luggage compartment is opened and switches off when it is closed.

The light switches on/off regardless of the ignition key position.

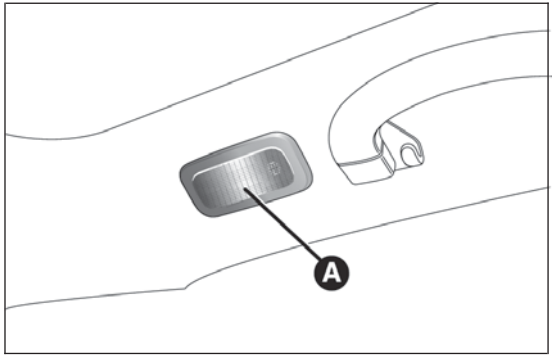


fig. 51 F0Y0252

COURTESY LIGHTS

(for versions/markets, where provided)

On some versions, courtesy lights are fitted behind the sun visors.

Use switch A fig. 53 to switch the light on/off.

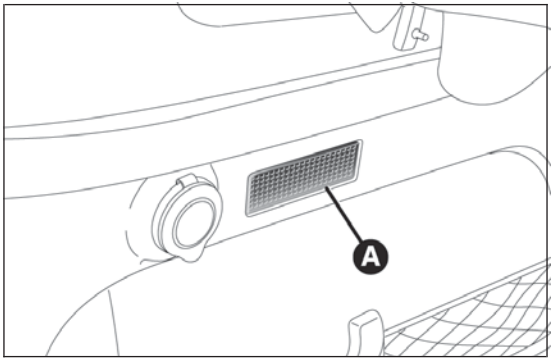


fig. 52 F0Y0102

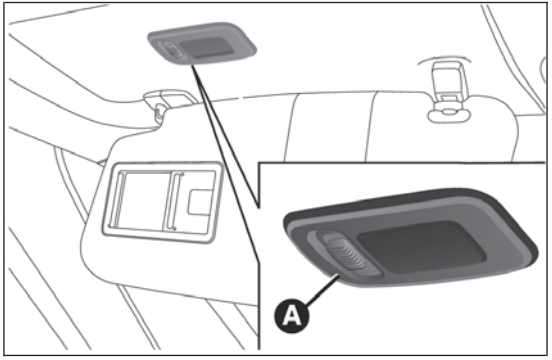


fig. 53 F0Y0100

GLOVE COMPARTMENT LIGHT

The roof light A fig. 54 switches on automatically when the glove compartment is opened and switches off when it is closed.

The light switches on/off regardless of the ignition key position.

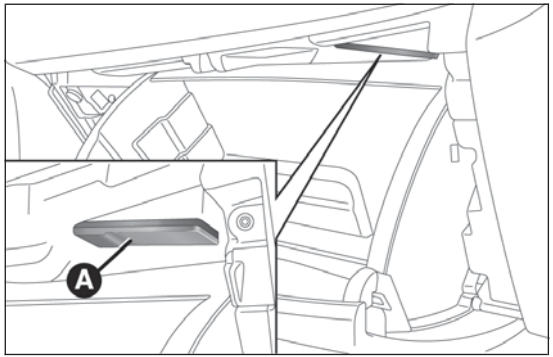


fig. 54 F0Y0099

CONTROLS

HAZARD WARNING LIGHTS

Press the fig. 55 button to switch the lights on/off. When the hazard warning lights are on, the ⇦ and ⇨ warning lights flash.

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

Emergency braking

In the event of emergency braking the hazard warning lights switch on automatically as well as warning lights ⇦ and ⇨ in the instrument panel.

The lights switch off automatically when emergency braking ceases.

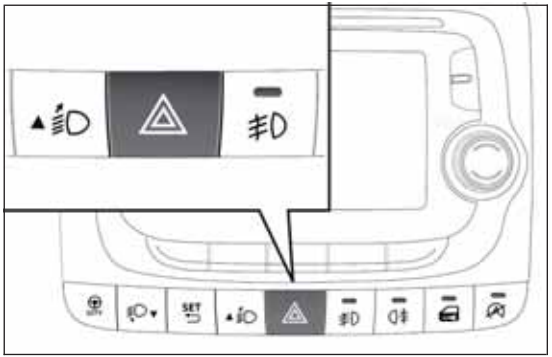


fig. 55 F0Y0037

FOG LIGHTS

(for versions/markets, where provided)

Press the fig. 56 button to switch the lights on/off. The LED above the button will also switch on when the lights are on.

REAR FOG LIGHT

Press the fig. 56 button to switch the light on/off. The LED above the button will also switch on when the light is on.

The rear fog light switches on only when the dipped headlights or front fog lights are switched on. Press the button again to switch the light off, or switch off the dipped headlights or the front fog lights (for versions/markets, where provided).

CENTRAL LOCKING

Press the fig. 57 button to lock all doors at the same time. When the doors are locked, the LED above the button switches on.

Locking takes place irrespective of the position of the ignition key.

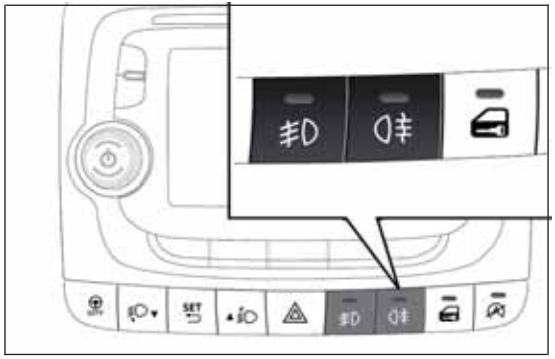


fig. 56 F0Y0038

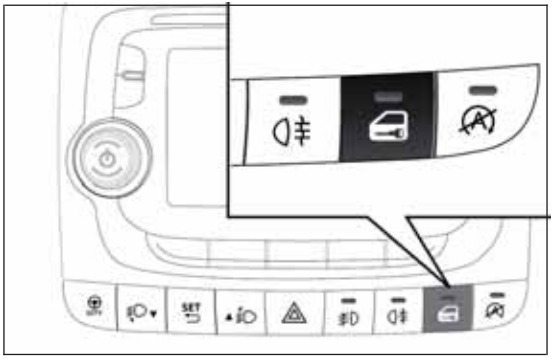


fig. 57 F0Y0039

DUALDRIVE ELECTRIC POWER STEERING
(for versions/markets, where provided)

Press the CITY button fig. 58 to activate the function. When this function is active, the word CITY on the instrument panel will light up.

This function stays in the memory, so when the vehicle is started again, the system keeps the setting it had before the engine was stopped.

For more details, see the contents of the "Dualdrive electric power steering" paragraph in this chapter.

ECO FUNCTION
(for versions/markets, where provided)

Press the ECO button fig. 59 to activate the function.

When the ECO function is activated, the car is set for city driving, characterised by less effort on the steering wheel (Dualdrive system on) and reduced fuel consumption.

When the function is activated, an activation or deactivation message is shown on the display for some versions/markets.

This function stays in the memory, so when the vehicle is started again, the system keeps the setting it had before the engine was stopped. Press the ECO button again to deactivate the function and restore the normal driving setting.

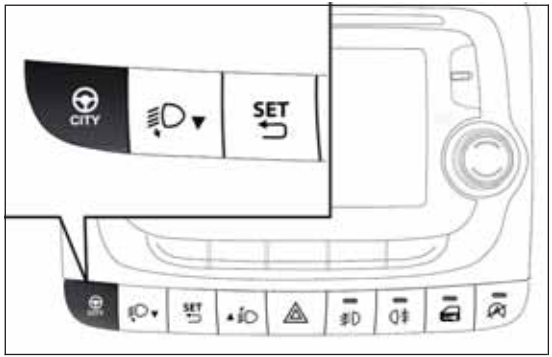


fig. 58 F0Y0036

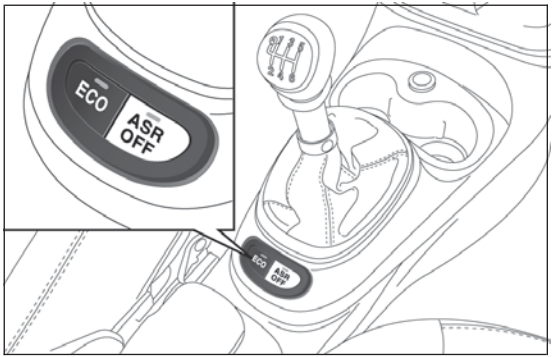


fig. 59 F0Y0260

FUEL CUT-OFF SYSTEM

This intervenes in the event of an impact causing:

❒ the interruption of the fuel supply with the engine consequently cutting out

❒ the automatic unlocking of the doors

❒ the automatic switching on of the interior lights

❒ the switching on of the hazard warning lights.

On some versions, the intervention of the system is indicated by a message shown on the display.

IMPORTANT Carefully check the car for fuel leaks, for instance in the engine compartment, under the car or near the tank area. After a collision, turn the ignition key to STOP to prevent the battery from running down.

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

❒ turn the ignition key to the MAR position;

❒ activate the right direction indicator;

❒ deactivate the right direction indicator;

❒ activate the left direction indicator;

❒ deactivate the left direction indicator;

❒ activate the right direction indicator;

❒ deactivate the right direction indicator;

❒ activate the left direction indicator;

❒ deactivate the left direction indicator;

❒ turn the ignition key to the STOP position;

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



WARNING

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

INTERIOR FITTINGS

STORAGE COMPARTMENTS

Upper compartment

To open the compartment, press button A fig. 60 pushing it upwards and holding it down rotate the flap as shown in the figure, until it reaches "completely open" stop position.

IMPORTANT Do not insert objects of such a size that the compartment cannot be completely closed. Ensure that the compartment is completely closed when driving.

On some versions, the compartment may be cooled by an air vent connected to the climate control system (operate wheel B fig. 61 to adjust the air flow rate inside the compartment).

The cooling function is only carried out with the climate control system on.

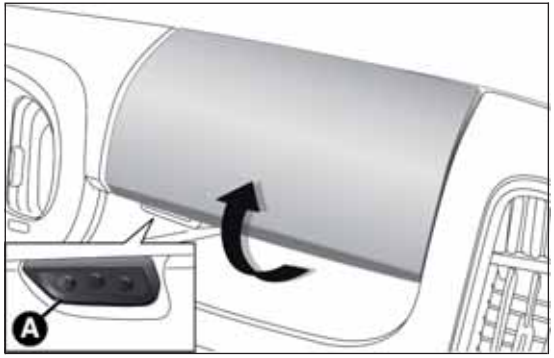


fig. 60 F0Y0055

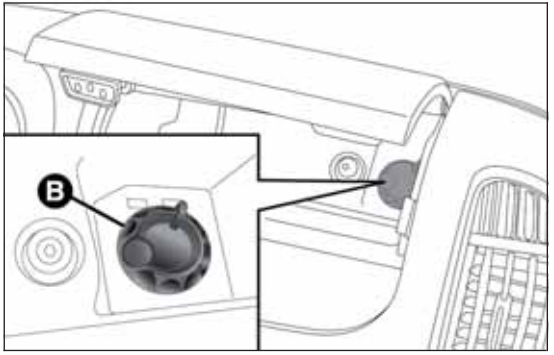


fig. 61 F0Y0056

Lower compartment

To open the compartment, use the handle A fig. 62. When the compartment is opened a light switches on to illuminate it.

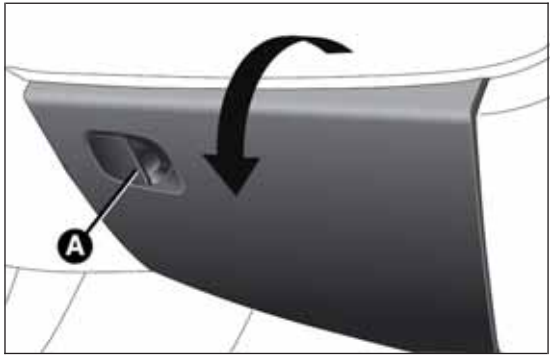


fig. 62 F0Y0057

Compartment under the seat

(for versions/markets, where provided)

On some versions, there is a storage compartment under the passenger seat fig. 63: do not use it to store objects which weigh more than 1.5 kg.

To open the compartment, use handle A.

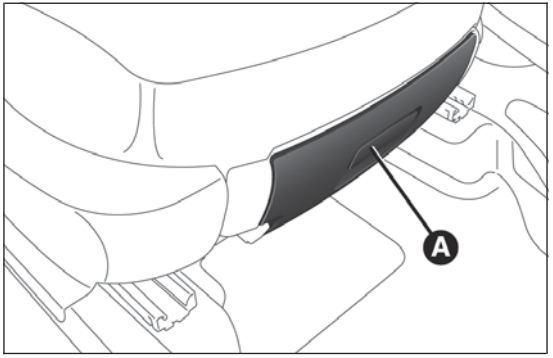


fig. 63 F0Y0160

POWER SOCKETS

Passenger compartment power socket

It is located on the central tunnel fig. 64, near the handbrake lever. It only operates with the ignition key at MAR-ON.

IMPORTANT Do not connect devices with power higher than 180 W to the socket. Do not damage the socket by using unsuitable adaptors.

On versions with optional "smoker's kit", the cigar lighter takes the place of the power socket (see "Cigar lighter" paragraph).



fig. 64 F0Y0052

Luggage compartment power socket

This is located on the left side of the luggage compartment fig. 65. It only operates with the ignition key at MAR-ON.

IMPORTANT Do not connect devices with power higher than 180 W to the socket. Do not damage the socket by using unsuitable adaptors.

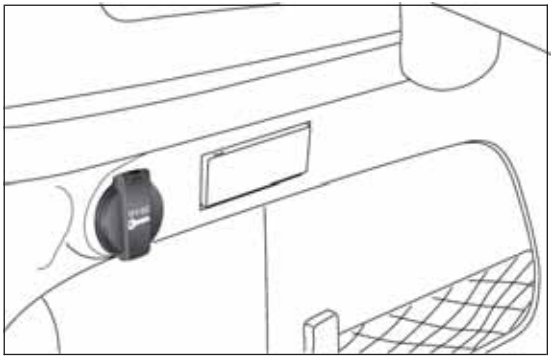


fig. 65 F0Y0059

CIGAR LIGHTER

(for versions/markets, where provided)

This is located on the central tunnel fig. 66, next to the handbrake lever. To activate the cigar lighter, press button A.

After a few seconds the button automatically returns to its initial position, and the cigar lighter is ready for use.

IMPORTANT Always check that the cigar lighter is switched off.

IMPORTANT Do not connect devices with power higher than 180 W to the socket. Do not damage the socket by using unsuitable adaptors.

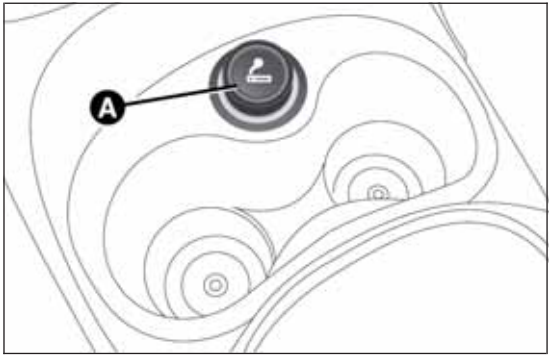


fig. 66 F0Y0058

WARNING

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

SUN VISORS

These are located at the sides of the interior rear view mirror. They can be adjusted forwards and sideways.

To direct the visor laterally, detach the visor from the interior rear view mirror side hook and turn it towards the side window.

A courtesy mirror with light is fitted on the back of the visors on some versions. The light allows the mirror to be used even in poor light conditions.

To access the mirror, use flap A fig. 67, sliding it as shown in the figure.

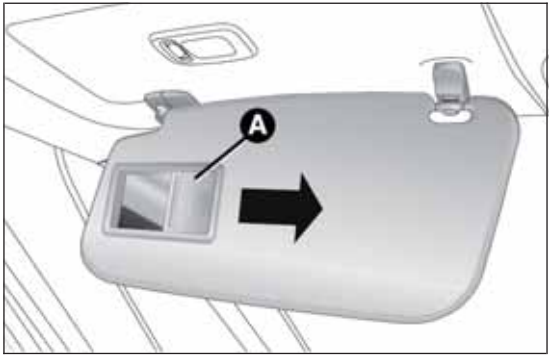


fig. 67 F0Y0054

GLASSES HOLDER
(for versions/markets, where provided)

This is located on the left of the driver side sun visor, above the door fig. 68.

REAR SEAT SURVEILLANCE MIRROR
(for versions/markets, where provided)

This is located next to the front roof light.

To bring it to usage position, operate in area A fig. 69, turning it downwards.

EXTINGUISHER
(for versions/markets, where provided)

Where required, the fire extinguisher is located in the luggage compartment.

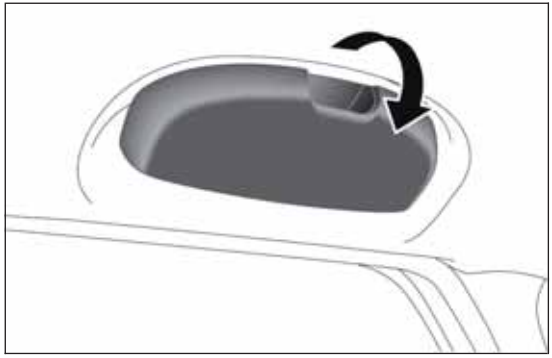


fig. 68 F0Y0051

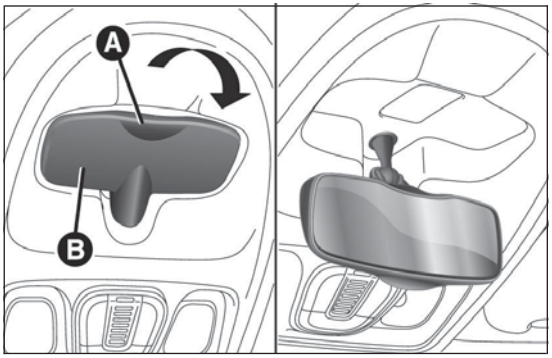


fig. 69 F0Y0122

FIXED GLASS ROOF

(for versions/markets, where provided)

It comprises an extensive fixed glass panel and is fitted with an electrically operated sun blind.

BLIND MOVEMENT

Blind operation is carried out with the key at MAR-ON only.

Press again button A fig. 70: the blind will move towards the rear part of the car, until end of travel.

With blind fully open press button A: the blind will move towards the front part of the car, until it is fully closed.

During the automatic opening and closing stages, press button A again to interrupt the blind movement.

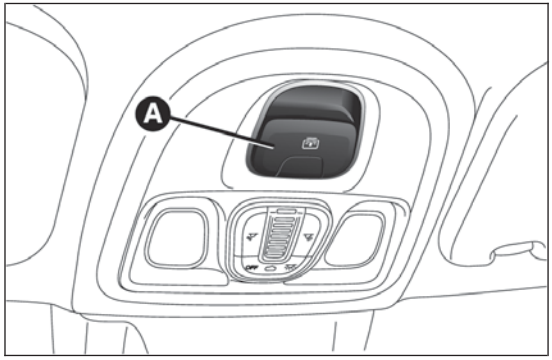


fig. 70 F0Y0121

ANTI-PINCH SAFETY DEVICE

The sun blind is provided with an "anti-pinch" safety device that can detect the presence of any obstacle during the closing movement (front area and central crossmember area).

When this occurs the blind interrupts its stroke immediately.

EMERGENCY OPERATION

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

- ❒ remove protective cap A fig. 71 on the internal trim;
- ❒ take Allen wrench B provided and located in the tool box or, depending on the version, in the Fix&Go Automatic container located in the luggage compartment;
- ❒ introduce the wrench B provided into housing A and turn it clockwise to open the curtain or anticlockwise to close it.

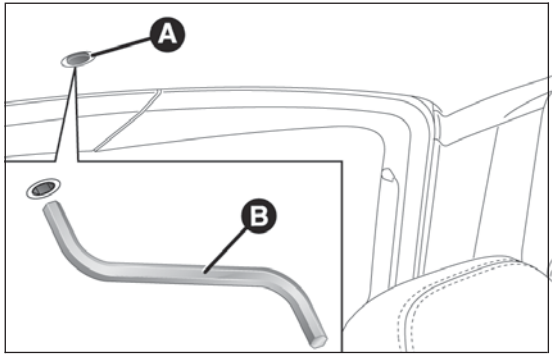


fig. 71 F0Y0285

SUN CURTAIN INITIALISATION PROCEDURE

Following an automatic movement malfunction while opening/closing or after an emergency manoeuvre (see description in the previous paragraph), the automatic operation of the sun curtain must be initialised again.

Proceed as follows:

- ❒ press button A in closing position;
- ❒ hold down button A: after approximately 10 seconds the curtain moves jerkily to closing position. Once the movement has ended (curtain closed) release button B;
- ❒ turn the ignition key to STOP and keep it there for 10 seconds;
- ❒ turn the ignition key to the MAR-ON position;
- ❒ press button A in closing position;
- ❒ hold down button A until the curtain is completely closed: the initialisation procedure has ended;
- ❒ press button A again within 3 seconds from the conclusion of the initialisation procedure;
- ❒ hold down button A: the curtain will perform an automatic opening and closing cycle: should this not occur, repeat the operation from the beginning;
- ❒ keeping button A held down, wait until the curtain is completely closed.

ELECTRIC SUN ROOF

(for versions/markets, where provided)

The sun roof comprises two glass panels (the front one is mobile and the rear one fixed) and is fitted with an electrically operated sun blind.

The sun roof and the blind can be operated only with the ignition key turned to MAR-ON.

OPENING

Press button A fig. 72: the front glass panel will move into the "spoiler" position.

After opening in "spoiler" position, press button A once again for more than half a second to bring the roof automatically to fully open position. Automatic movement can be interrupted in any position by pressing button A again.

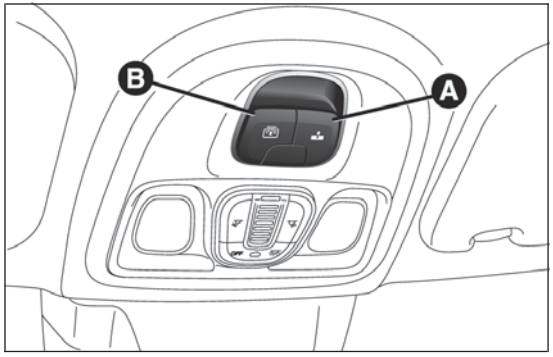


fig. 72 F0Y0120

CLOSING

From the fully open position press button A fig. 72: the front glass panel will move into the "spoiler" position.

After opening in spoiler position, press button A again for more than half a second to bring the roof automatically to fully closed position. Automatic movement can be interrupted in any position by pressing button A again.

Do not open the sun roof if a transverse roof rack is fitted. Do not open the sun roof if there is snow or ice on it: you may damage it.

WARNING

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

BLIND MOVEMENT

Press again button B fig. 72: the blind will move towards the rear part of the car, until it is fully open.

With blind fully open press button B: the blind will move towards the front part of the car, until it is fully closed.

During the automatic opening and closing stages, press button B again to interrupt the blind movement.

ANTI-PINCH SAFETY DEVICE

The sun roof and the electric blind are equipped with an anti-pinch safety system capable of detecting the presence of an obstacle whilst the roof is closing: if this happens, the system intervenes and the movement of the glass is immediately reversed.

EMERGENCY OPERATION

If the control buttons fail to operate, the sun blind and the sun roof can be moved manually proceeding as described below:

- ❒ **Sun blind movement**: remove protective cap A fig. 73 on the internal trim;
- ❒ **Sun roof movement**: remove protective cap B on the internal trim;
- ❒ take Allen key C provided and located in the tool box or, depending on the version, in the Fix&Go Automatic container located in the luggage compartment;
- ❒ insert key C in housing A (for blind movement) or B (for sun roof movement) and turn it clockwise to open the roof (or the blind) or anticlockwise to close the roof (or the blind).

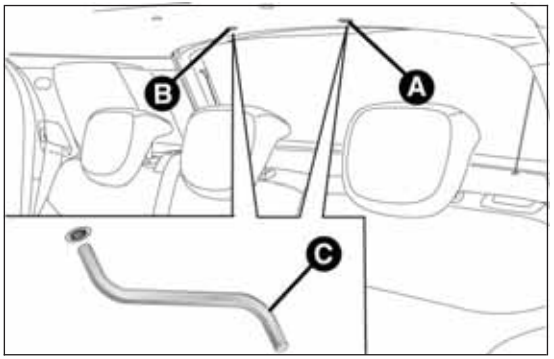


fig. 73 F0Y0234

INITIALISATION PROCEDURE

Following an automatic movement malfunction while opening/closing or after an emergency manoeuvre (see description in the previous paragraph), the automatic operation of the sun roof must be initialised again.

Proceed as follows:

- ❒ press button A fig. 72 in closing position;
- ❒ turn the ignition key to STOP and keep it there for 10 seconds;
- ❒ turn the ignition key to the MAR-ON position;
- ❒ hold down button A: after approximately 10 seconds the roof moves jerkily to closing position. When the movement stops (closed roof), release button A (if the roof is already closed, you will hear the mechanical lock only);
- ❒ press button A again within 3 seconds from the conclusion of the initialisation procedure;
- ❒ hold down button A: the roof will perform an automatic opening and closing cycle. Should this not occur, repeat the operation from the beginning;
- ❒ keeping button A held down, wait until the roof is completely closed;
- ❒ the initialisation procedure is over.

DOORS

DOOR CENTRAL LOCKING/UNLOCKING

Locking the doors from outside

With doors closed, press the button on the remote control or turn the metal insert (located inside the key) in the driver side door lock.

The LED above the fig. 74 button switches on to indicate that the doors have been locked.

Door locking is carried out with all doors shut, irrespective of the luggage compartment open/closed status.

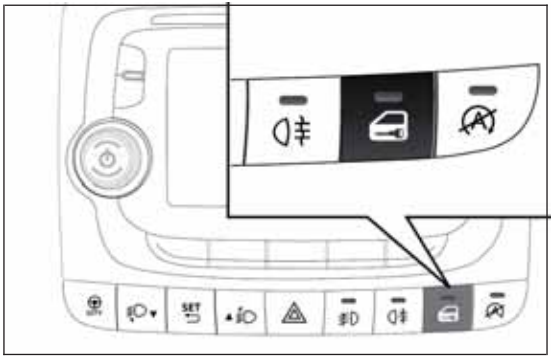


fig. 74 F0Y0039

Unlocking the doors from outside

Press button on the remote control or turn the metal insert (located inside the key) in the driver's side door lock.

Locking/unlocking the doors from inside

Press button . The button has an LED that indicates whether the doors are locked or unlocked.

LED on: doors locked. Press button once again to centrally unlock all doors. The LED will switch off.

LED off: doors unlocked. Press the button again to centrally lock all doors. The doors will be locked only if all the doors are properly shut.

Once the doors have been locked via the remote control or the key pawl, it will no longer be possible to unlock them by pressing button .

In the absence of electrical power supply (blown fuse, battery disconnected, etc.) it is still possible to lock the doors manually.

IMPORTANT With central locking active, pulling the internal opening lever of the passenger side door unlocks the door (the LED stays on). Pulling the internal opening lever of the driver side door activates central unlocking.

IMPORTANT The rear doors cannot be opened from the inside when the child-lock system is engaged (see the description in the following paragraph).

CHILD-LOCKS

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

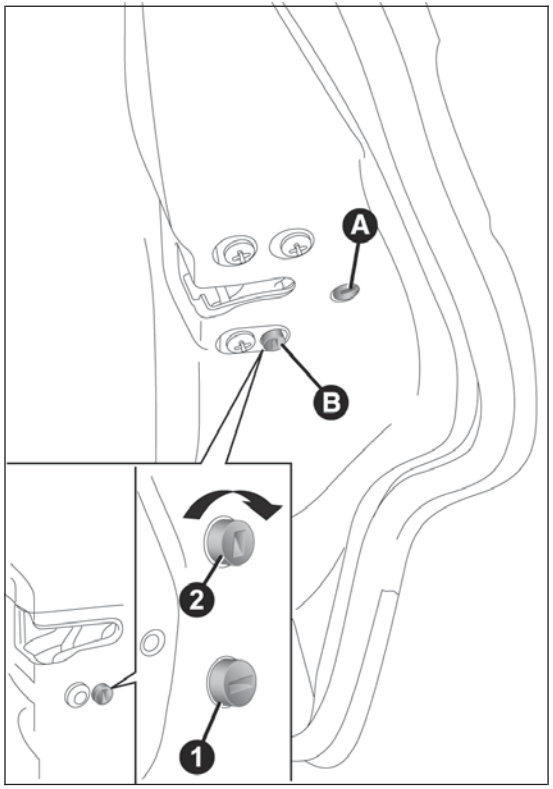


fig. 75 F0Y0111

This device A fig. 75 can only be engaged with the doors open:

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

The device remains on even if the doors are unlocked electrically.

IMPORTANT The rear doors cannot be opened from the inside when the child-lock system is engaged.

WARNING

Always use this device when carrying children. After engaging the child lock on both rear doors, check for effective engagement by trying to open a door with the internal handle.

PASSENGER SIDE FRONT DOOR AND REAR DOOR EMERGENCY LOCKING DEVICE

The passenger side front door and the rear doors have a device to lock them when there is no electrical power supply.

In this case proceed as follows:

❒ engage the metal insert of the ignition key in position Afig. 76 (passenger side front door) or B fig. 75 (rear doors);

❒ turn the key clockwise and then remove it from housing A or B.

To restore the starting condition of the door locks (only if battery charge restored), proceed as follows:

❒ press the button on the remote control;

or

❒ press the door locking/unlocking button on the dashboard;

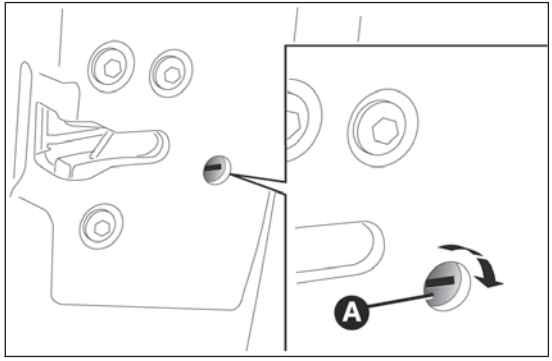


fig. 76 F0Y0110

or

❒ introduce the metal insert of the ignition key in the front door pawl;

or

❒ pull the internal door handle.

If the child lock was engaged and the previously described locking procedure carried out, operating the internal opening handle will not open the door: in this case, to open the door, the outside handle must be used. The door central locking/unlocking button is not disabled by the engagement of the emergency lock.

Door opening/closing mechanism initialisation

If the battery is disconnected or the protective fuse blows, the door opening/closing mechanism must be reinitialised as follows:

❒ close all the doors;

❒ press button on the remote control or button for locking/unlocking the doors on the instrument panel;

❒ press button on the remote control or button for locking/unlocking the doors on the instrument panel.

ELECTRIC WINDOWS

These operate when the ignition key is turned to MAR-ON and for about three minutes after the ignition key is turned to STOP or removed unless one of the front doors is opened.

The buttons are located on the door panel trim (for versions/markets, where provided). All windows can be controlled from the driver side door panel.

WARNING

Improper use of the electric windows can be dangerous. Before and during operation, always check that passengers are not exposed to the risk of being injured either directly by the moving windows or through objects getting caught or struck by them. When leaving the car, always remove the ignition key to avoid the risk of injury of people still on board due to accidental operation of the electric windows.

CONTROLS

Driver's side front door (versions with 2 electric windows)

A fig. 77: front left window opening/closing. "Automatic continuous" operation during window opening/closing, while ignition key is in MAR-ON position;

B: front right window opening/closing. "Automatic continuous" operation during window opening/closing, "manual" operation only during window closing.

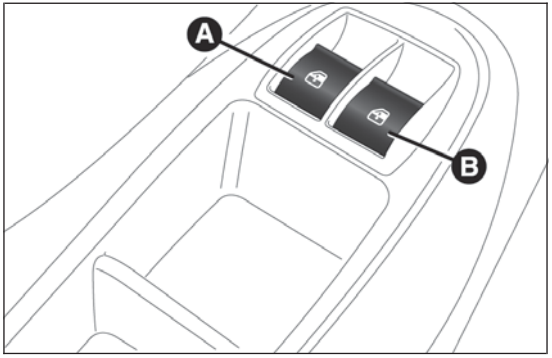


fig. 77 F0Y0268

Driver's side front door (versions with 4 electric windows)

A fig. 78: front left window opening/closing. "Continuous automatic" operation during window opening/closing stage and anti-pinch system activated.

B: front right window opening/closing. "Continuous automatic" operation during window opening/closing stage and anti-pinch system activated.

C: enabling/disabling of rear door electric window controls

D: rear left window opening/closing (for versions/markets, where provided). "Continuous automatic" operation during window opening/closing stage and anti-pinch system activated:

E: rear right window opening/closing (for versions/markets, where provided). "Continuous automatic" operation during window opening/closing stage and anti-pinch system activated.

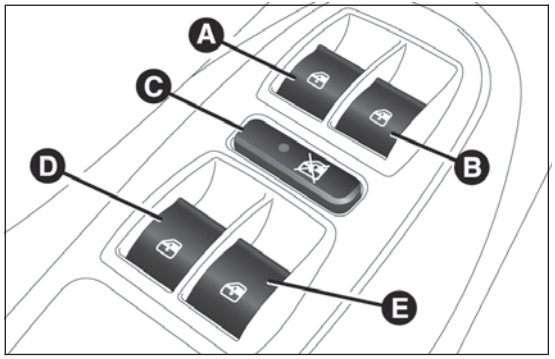


fig. 78 F0Y0240

Use the buttons to open/close the desired window.

Window opening

Push the buttons to open the desired window.

When one of the two buttons is pressed briefly, the window moves in "stages"; if the button is held down, "continuous automatic" operation is activated.

If the button is pressed again, the window will stop in the desired position.

Window closing

Lift the buttons to close the desired window.

The window closing stage occurs following the same logics described for the opening stage.

Front and rear passenger doors
(for versions/markets, where provided)

On the passenger side front door panel trim, and on some versions also on the rear doors, buttons are provided to control the associated windows.

Anti-crush safety device
(for versions/markets, where provided)

The car is equipped with an anti-crush safety device for the raising of the front and rear windows.

This safety system detects the presence of an obstacle during the window closing travel and intervenes by stopping and reversing the window travel, depending on its position.

This device is also useful if the windows are activated accidentally by children on board the car.

The anti-pinch function is active both during manual and automatic operation of the electric windows. Following the intervention of the anti-pinch system, the window travel is immediately interrupted and subsequently reversed until the lower end of travel is reached. The window cannot be operated in any way during this time.

IMPORTANT If the anti-crush protection intervenes 3 consecutive times within 1 minute or is faulty, the automatic closing operation of the window is inhibited, only allowing it in steps of half a second; the button is released for the subsequent manoeuvre. In order to restore the correct operation of the system, the relevant window must be lowered.

Window remote opening/closing by means of a key with remote control.
(for versions/markets, where provided)

The window can be lowered/lifted holding down the unlocking ( )/locking ( ) button respectively.

The windows move simultaneously as far as the corresponding button is held down; they will stop when reaching the upper or lower end of travel position, or releasing the button.

Electric window system initialisation

If power supply is interrupted when the window is moving, the electric window automatic operation must be reinitialised.

The initialisation procedure must be carried out with the doors closed and for each door, as described below:

- ❒ fully close the window to be initialised, with manual operation;
- ❒ after the window has reached the upper end of travel, hold the up button pressed for at least one second.

MANUAL REAR WINDOW WINDERS

(for versions/markets, where provided)

To open and to close the window, use the relevant handle fig. 79.

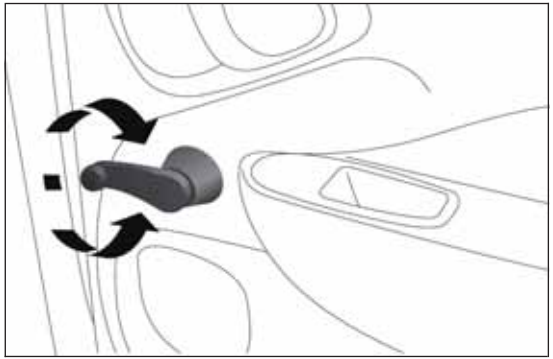


fig. 79 F0Y0267

LUGGAGE COMPARTMENT

Luggage compartment unlocking is electrically operated and is deactivated when the car is in motion.

OPENING

When unlocked, the luggage compartment can be opened from outside the car using the electric opening handle A fig. 80 located under the handle until the unlocking click is heard or by pressing the button on the remote control.

The direction indicators will flash twice and an internal light will switch on when the luggage compartment is opened: the light switches off automatically when the luggage compartment is closed.

The light switches off automatically after a few minutes if the luggage compartment is left open.

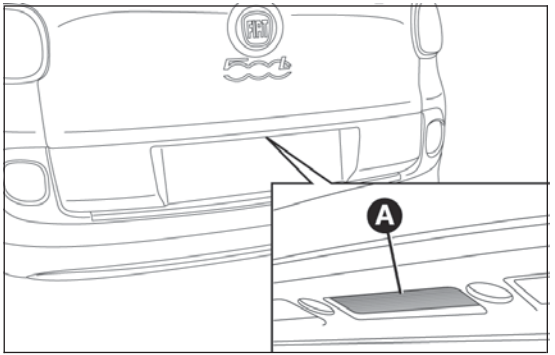


fig. 80 F0Y0146

WARNING

Be careful not to hit objects on the storage shelf when you open the tailgate.

Emergency opening from inside

Proceed as follows:

- ❒ remove the rear head restraints and completely fold back the seats (see the paragraph "Extending the luggage compartment");
- ❒ take the screwdriver provided from the tool box or the Fix&Go Automatic container, depending on the version;
- ❒ use the screwdriver to remove the yellow tab A fig. 81;
- ❒ then insert the screwdriver in housing B fig. 82 in order to activate the luggage compartment release tab.

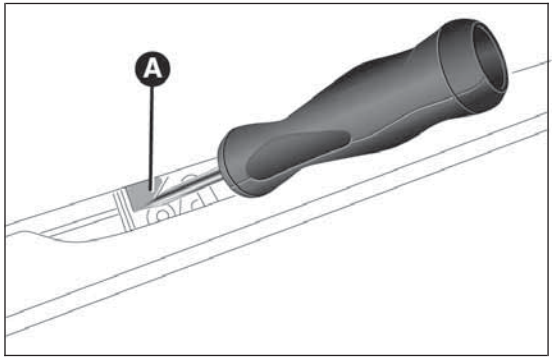


fig. 81 F0Y0172

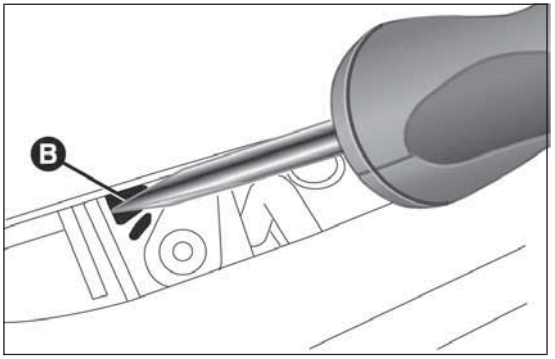


fig. 82 F0Y0173

CLOSING

Grip handle A fig. 83 and lower the tailgate, pressing next to the lock until it clicks.

IMPORTANT Before closing the luggage compartment make sure that you have the keys, since the luggage compartment is automatically locked.

LUGGAGE COMPARTMENT INITIALISATION

IMPORTANT If the battery is disconnected or the protection fuse blows, the luggage compartment opening/closing mechanism must be reinitialised as follows:

- ❒ close all the doors and the luggage compartment;
- ❒ press the button on the remote control;
- ❒ press the button on the remote control.

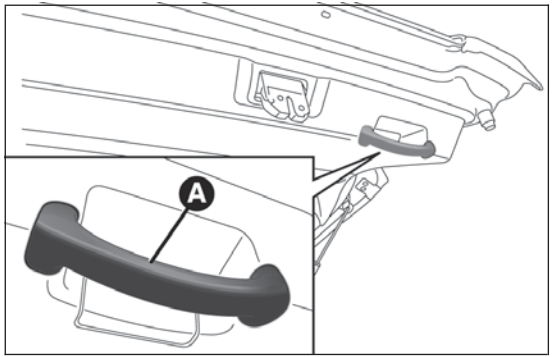


fig. 83 F0Y0227

EXTENDING THE LUGGAGE COMPARTMENT

See the descriptions in "Removing the parcel shelf" and "Folding the seats" paragraphs for how to extend the luggage compartment.

Removing the parcel shelf

Proceed as follows:

- ❒ free the ends of the two parcel shelf B mounting links A fig. 84 by removing the eyelets C from the mounting pins;
- ❒ raise the rear part of the parcel shelf, operating as illustrated in fig. 85;
- ❒ free the pins D fig. 86 outside the shelf, then remove the parcel shelf B, pulling it upwards;

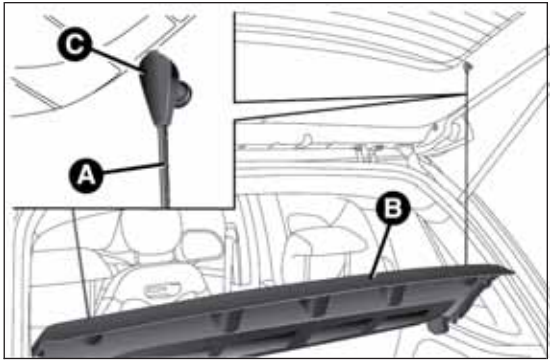


fig. 84 F0Y0065

❒ after removal, the parcel shelf can be loaded sideways into the luggage compartment or placed between the front seat backrests and the folded-back rear seat cushions (with the luggage compartment completely extended).

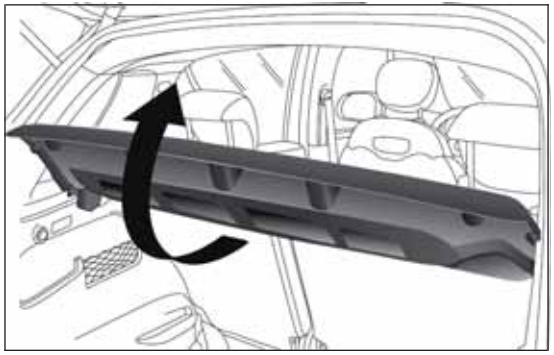


fig. 85 F0Y0067

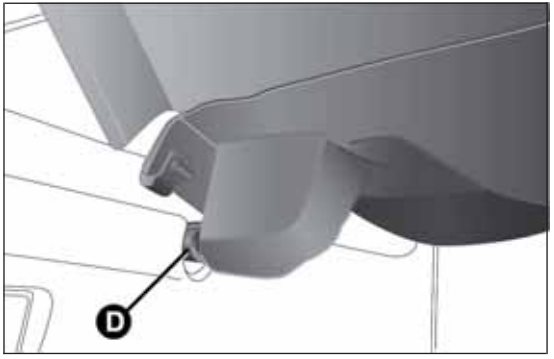


fig. 86 F0Y0068

Backrest folding (partial extension)

Proceed as follows:

❒ completely lower the rear seat head restraints;

❒ move the seat belts to the side, making sure that they are correctly extended and not twisted;

❒ using lever A fig. 87, adjust the seat into the desired position;

❒ raise lever B fig. 88 to fold the backrest (see fig. 89).

Note It is advisable to carry out this procedure from the outside, with the left hand.

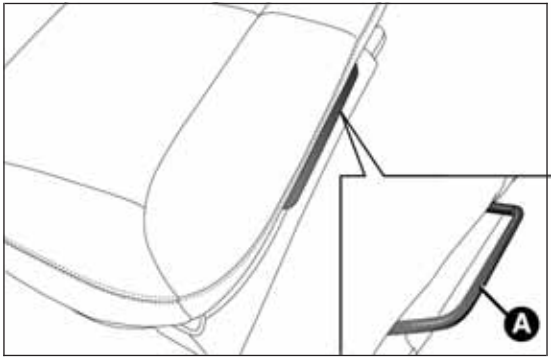


fig. 87 F0Y0074

Repositioning the backrest

To bring the backrest back to normal usage position, lift lever B fig. 88 and then raise the backrest.

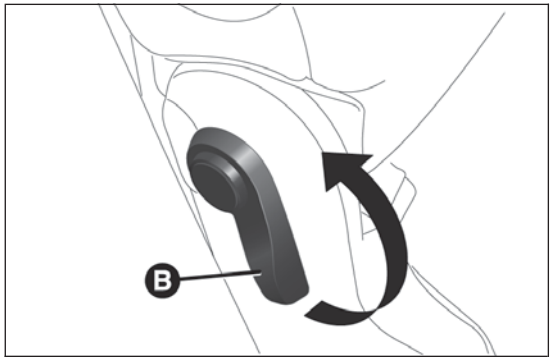


fig. 88 F0Y0259

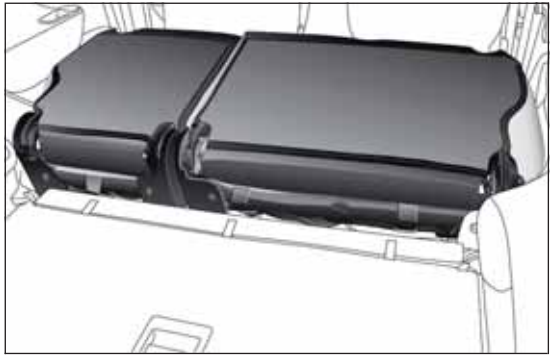


fig. 89 F0Y0075

WARNING

Make sure the backrest is properly secured at both sides to prevent it moving forward in the event of sharp braking with possible impacts on possible occupants.

Backrest and seat folding (total extension)

Proceed as follows:

- ❒ completely lower the rear seat head restraints;
- ❒ move the seat belts to the side, making sure that they are correctly extended and not twisted;
- ❒ using lever A fig. 87, adjust the seat to "completely forward" position to achieve maximum luggage compartment extension (depending on the desired position of the fronts seats);
- ❒ lift the release lever B fig. 90 to fold the left or right section of the backrest: the backrest and cushion will be folded forwards automatically (see fig. 91). If necessary, accompany the backrest during the initial stage of folding.

Note It is advisable to carry out this procedure from the outside, with the left hand.

Before tilting the seat backrest fully, remove any objects laid on it.

WARNING

Do not move the seat if a child is seated on the same or sitting in the suitable child restraint system.

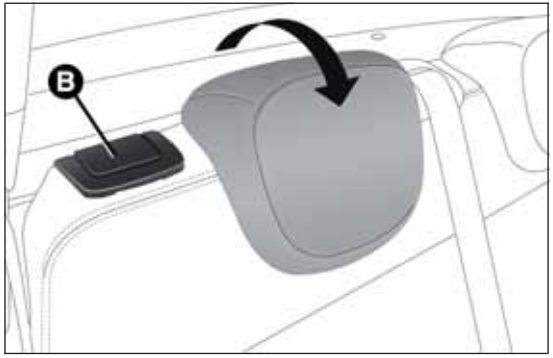


fig. 90 F0Y0073

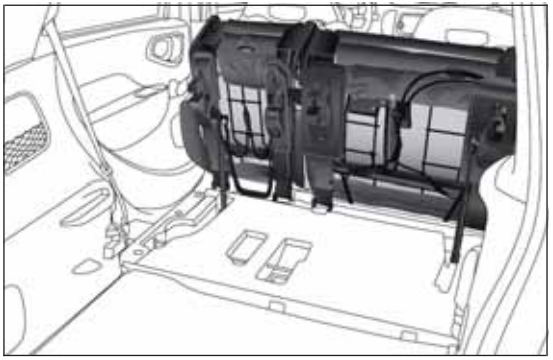


fig. 91 F0Y0076

Repositioning the rear seat

To reposition the rear seat, push the backrest backwards as shown in fig. 92 and secure it (when it clicks into place, this indicates correct positioning).

WARNING

Make sure the backrest is properly secured at both sides to prevent it moving forward in the event of sharp braking with possible impacts on possible occupants.

Repositioning the backrest

To bring the backrest back to normal usage position, lift lever B fig. 88 and then raise the backrest until vertical engagement position is reached.

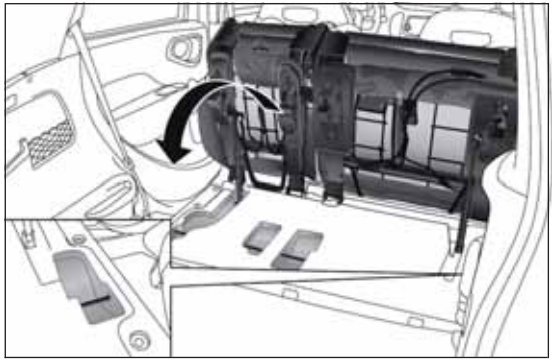


fig. 92 F0Y0077

"CARGO MAGIC SPACE"

(for versions/markets, where provided)

The car features a load platform which can be adjusted to three different heights, called "Cargo Magic Space", permitting modular luggage compartment volume:

- **Position 0 (platform completely lowered)**: permits maximum luggage compartment capacity;
- **Position 1 (platform at threshold level)**: permits a level load threshold to facilitate loading/unloading of objects in the luggage compartment. It also allows the space underneath to be used as a further compartment for stowing objects which are more fragile or small;
- **Position 2 (platform completely raised)**: in conjunction with the lowering of the rear seat and front passenger side seat backrests, permits long objects to be loaded. It is advisable to use this position only for the actual period in which the objects are transported, then return the platform to position 0 or 1.

The dimensions of the platform permit a maximum capacity of distributed weight of 70 kg (in position 1) or 40 kg (in position 2): do not load objects with a higher weight.

Access to double load compartment

To access the double load compartment, proceed as follows:

❒ grip handle A fig. 93 and raise platform B, holding it with one hand;

❒ place the desired objects in compartment C fig. 94;

❒ then reposition platform B correctly in the housings D fig. 95 on the side panels and rear crossmember E.

IMPORTANT Movements of the load platform must take place in a central position relative to the luggage compartment.

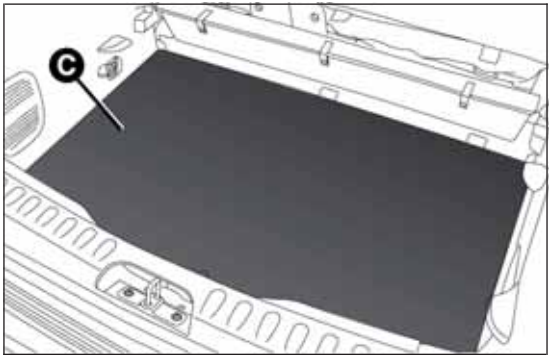


fig. 94 F0Y0080

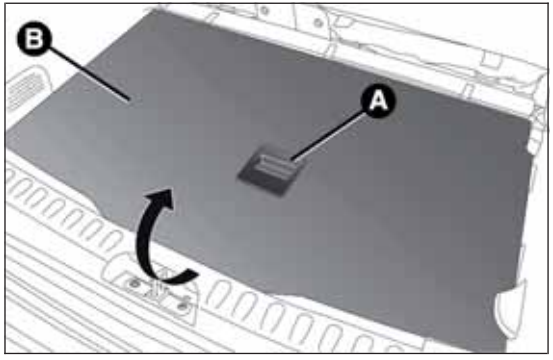


fig. 93 F0Y0079

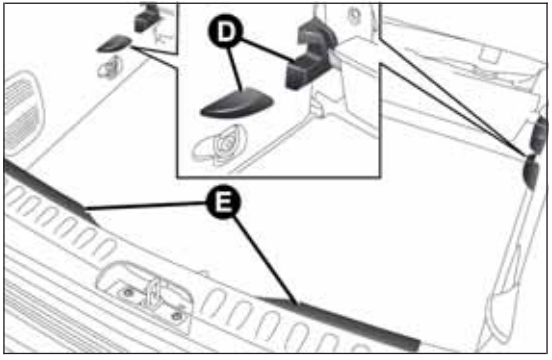


fig. 95 F0Y0081

Moving the load platform

To move the load platform from lower to upper position, proceed as follows:

❒ grip handle A fig. 93 and raise platform B, holding it with one hand;

❒ position platform B correctly on housings C and D fig. 96 on the side panels.

Access to "Fix&Go Automatic" kit (or removal of space-saver wheel)

To access the "Fix&Go Automatic" quick tyre inflation kit (for use, see contents of the "In an emergency" chapter) or to remove the space-saver wheel (for versions/markets, where provided) and its toolbox, proceed as follows:

❒ grip handle A fig. 93 and remove platform B;

❒ pull tab A fig. 97 and raise carpet B.

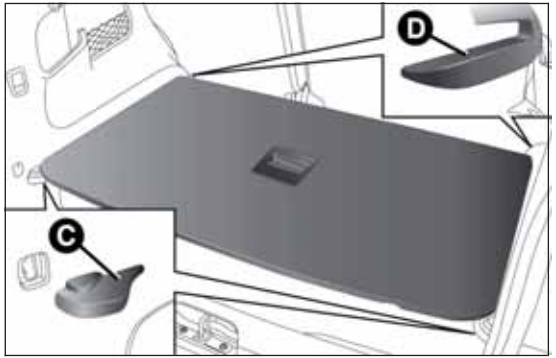


fig. 96 F0Y0082

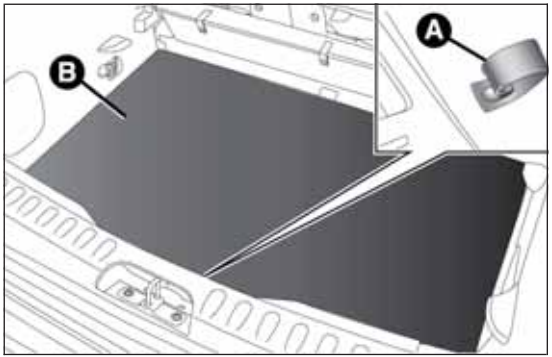


fig. 97 F0Y0083

SECURING YOUR LOAD

There are two hooks A fig. 98 inside the luggage compartment for attaching cables which can secure the load carried.

A further two hooks are located on the rear crossmember.

Two hooks are also available on the side panels to fix loads which are not excessively heavy (e.g. bags).

To use the hooks, press button A fig. 99.

IMPORTANT Do not apply, on a single hook, a load greater than 10 kg.

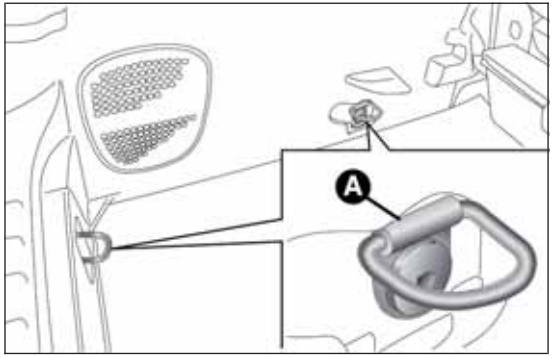


fig. 98 F0Y0063

STORAGE COMPARTMENTS

There are two storage compartments on the side panels fig. 100.



fig. 99 F0Y0062



fig. 100 F0Y0078

There is also a storage container inside the luggage compartment A fig. 101.

To remove the container, pull it upwards out of the dedicated housings.

To reposition the container, reinsert the tabs in the housings on the side trim, taking care to position the container with the three straps facing the luggage compartment.

BONNET

OPENING

Proceed as follows:

❒ pull lever A fig. 102 in the direction indicated by the arrow;

❒ operate lever B fig. 103, in the direction indicated by the arrow, and raise the bonnet.

IMPORTANT Two side gas shock absorbers are provided to assist in opening the bonnet. Do not tamper with these shock absorbers and accompany the bonnet when raising.

IMPORTANT Before raising the bonnet, make sure that the arms of the wipers are not raised from the windscreen and that the wiper is not operational.

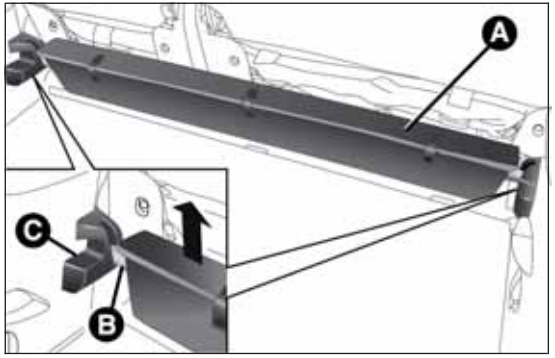


fig. 101 F0Y0084

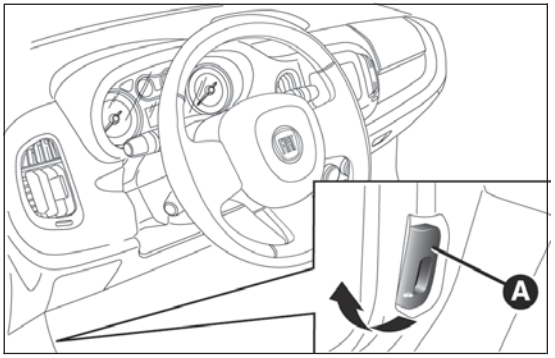


fig. 102 F0Y0228

The following plate is applied inside the engine compartment fig. 104:

CLOSING

Lower the bonnet to approximately 20 centimetres from the engine compartment and let it drop. Make sure that the bonnet is completely closed and not only fastened by the locking device by trying to open it.

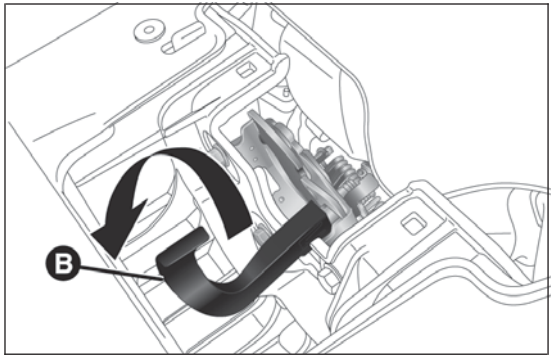


fig. 103 F0Y0115

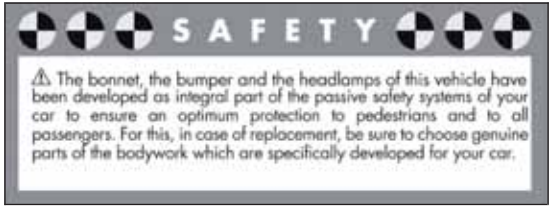


fig. 104 F0Y1100

If it is not perfectly closed, do not try to press the bonnet down but open it and repeat the procedure.

WARNING

For safety reasons, the bonnet must always be properly closed while driving. Therefore, make sure that the bonnet is properly closed and that the lock is engaged. If you discover during travel that the lock is not fully engaged, stop immediately and close the bonnet in the correct manner.

ROOF RACK/SKI RACK

The attachments provided A fig. 105 are located above the front door and rear door and are only accessible with the doors open. Lineaccessori Fiat has a dedicated roof rack/ski rack for this car.

WARNING

After travelling for a few kilometres, check to ensure that the fixing screws for the attachments are well tightened.

WARNING

Never exceed the maximum permitted loads (see chapter "Technical specifications").

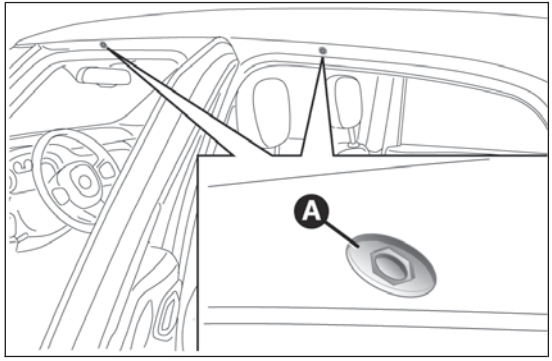


fig. 105 F0Y0131

WARNING

Evenly distribute the load and take into account, when driving, the increased responsiveness of the car to side wind.

Fully comply with the regulations in force concerning maximum clearance.

HEADLIGHTS

LIGHT BEAM DIRECTION

The correct alignment of the headlights is important for the comfort and safety of not only the driver but all other road users. This is also covered by a specific rule of the highway code.

The headlights must be correctly aligned to guarantee the best visibility conditions for all drivers while travelling with headlights on.

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

Check beam alignment every time the load or its distribution changes.

HEADLAMP ALIGNMENT CORRECTOR

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

Headlight alignment adjustment

Press the ▲ or ▼ buttons to adjustfig. 106. The adjustment position is shown on the display.

Position 0 - one or two persons on the front seats

Position 1 - 4 persons

Position 2 - 4 persons + load in the luggage compartment

Position 3 - driver + maximum admissible load stowed only in the luggage compartment

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

FOG LIGHT ALIGNMENT

(for versions/markets, where provided)

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

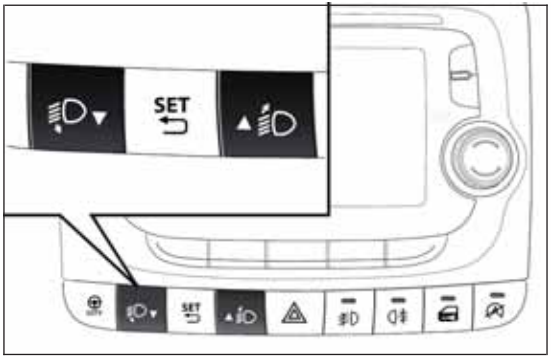


fig. 106 F0Y0046

ADJUSTING THE HEADLIGHTS WHEN ABROAD

Dipped headlights are adjusted for driving in the country where the vehicle was originally purchased. When travelling in countries with opposite driving direction, to avoid dazzling the drivers on the other side of the road, you need to cover areas of the headlight according to the Highway Code of the country you are travelling in: fig. 107 (front right headlight), fig. 108 (front left headlight).

ABS

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

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

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

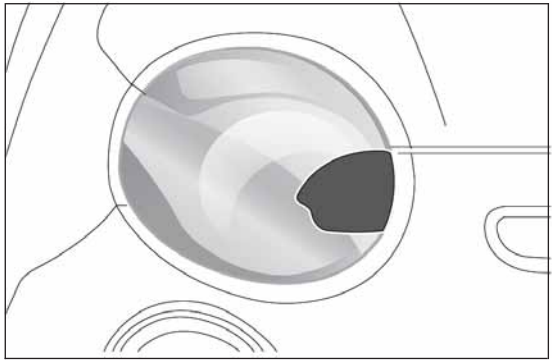


fig. 107 F0Y0187

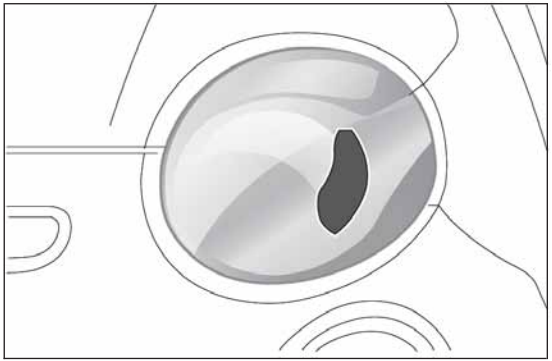


fig. 108 F0Y0188

WARNING

The ABS gets the most from the available grip, but it cannot improve it; you should therefore take every care when driving on slippery surfaces and not take unnecessary risks.

SYSTEM INTERVENTION

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

WARNING

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

WARNING

If the ABS system intervenes, this indicates that the traction of the tyres on the road is nearing its limit. You must slow down to a speed compatible with the available traction.

MSR SYSTEM (Motor Schleppmoment Regelung)

This system is an integral part of the ABS, that intervenes, if there is sudden downshifting, restoring torque to the engine, thereby preventing excessive drive at the drive wheels which, especially in poor grip conditions, could lead to a loss in stability of the car.

ESC SYSTEM (Electronic Stability Control)

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

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

The ESC system also includes the following subsystems:

❒ Hill Holder

❒ ASR

❒ HBA

❒ DST

❒ ERM

SYSTEM INTERVENTION

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

SYSTEM ACTIVATION

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

HILL HOLDER SYSTEM

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

It is activated automatically in the following instances:

❒ uphill: car stationary on a road with a gradient higher than 5%, engine running, brake pressed and gearbox in neutral or gear (other than reverse) engaged;

❒ downhill: car stationary on a road with a gradient higher than 5%, engine running, brake pressed and reverse gear engaged.

When setting off, the ESC system control unit maintains braking pressure on the wheels until the torque required for starting is reach or, in any case, for a maximum of 2 seconds so that the right foot can be moved easily from the brake pedal to the accelerator pedal.

When 2 seconds have elapsed, without any departure having taken place, the system is automatically deactivated, gradually releasing the braking pressure. During this release stage, a typical mechanical brake release noise can be heard, indicating that the car is about to move.

IMPORTANT The Hill Holder system is not a parking brake; therefore, never leave the vehicle without having engaged the handbrake, turned the engine off and engaged the 1st gear, so that the vehicle is parked in safe conditions (for further information read paragraph "When parked" in the chapter "Starting and driving").

ASR SYSTEM (AntiSlip Regulation)

It is an integral part of the ESC system. It automatically operates in the event of one or both drive wheels slipping, loss of grip on wet roads (aquaplaning) and acceleration on slippery, snowy or icy roads, etc…

Depending on the slipping conditions, two different control systems are activated:

- ❒ if the slipping involves both drive wheels, the ASR intervenes reducing the power transmitted by the engine;
- ❒ if the slipping only involves one of the drive wheels, it intervenes automatically braking the wheel that is slipping.

Activation/deactivation of the ASR system

The ASR system activates automatically each time the engine is started.

Whilst driving, the ASR can be deactivated and subsequently activated again by pressing the ASR OFF button fig. 109.

On some versions, the intervention of the system is indicated by a message shown on the display.

When the system is deactivated, the LED on the button ASR OFF turns on and, on some versions, a message appears on the display.

If the ASR is disengaged during driving, this is automatically reactivated at the following car starting.

When travelling on snowy roads with snow chains, it may be helpful to turn the ASR off: in fact, in these conditions, slipping of the drive wheels when moving off makes it possible to obtain better traction.

WARNING

For the ESC and ASR systems to operate correctly, all four tyres must, above all, be the prescribed brand and type, they must be in excellent condition and feature the prescribed type and size.

WARNING

The ESC functions even when the space-saver wheel is being used. Always remember that the space-saver wheel, being smaller than the original wheel, provides less grip.

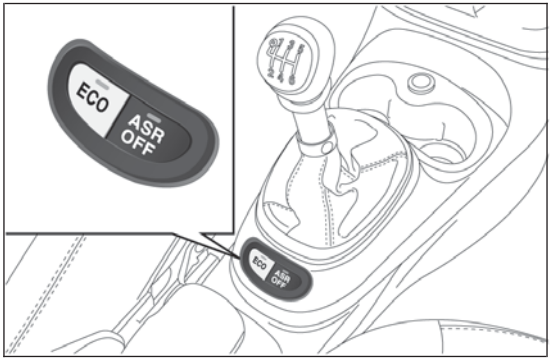


fig. 109 F0Y0164

WARNING

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

HBA SYSTEM (Hydraulic Brake Assist)

The HBA system is designed to improve the car's braking capacity during emergency braking. The system detects an emergency braking by monitoring the speed and strength with which the brake pedal is pressed, thereby applying the optimal brake pressure.

This can reduce the stopping distance, the HBA system therefore completes the ABS.

Max. assistance from the HBA system is obtained pressing the brake pedal very quickly. In addition, the brake pedal should be pressed continuously during braking, avoiding intermittent presses, to obtain benefits from the system.

Do not reduce pressure on the brake pedal until braking is not necessary anymore.

The HBA system is deactivated when the brake pedal is released.

WARNING

The HBA system cannot increase tyre grip on the road over the limits imposed by laws of physics: always drive carefully according to the conditions of the road surface.

WARNING

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

WARNING

The HBA system is an aid for the driver, who must always pay full attention while driving. The responsibility always rests with the driver. The features of the HBA system must never be tested in imprudent or dangerous ways, with the possibility of putting the safety of the driver, occupants or other road users at risk.

DST SYSTEM
(Dynamic Steering Torque or steering corrector)

The DST (steering corrector) function uses the integration of the ESC system with the electric power steering to increase the safety level of the whole car.

In critical situations (understeering, oversteering, braking with different grip conditions), through the DST function the ESC system controls the steering to implement an additional torque contribution on the steering wheel, to suggest the most correct manoeuvre to the driver.

The coordinated action of brakes and steering increases the safety and car control feeling.



WARNING

The DST is a driving aid system and does not replace the driver's actions while driving the car.

ERM ELECTRONIC ROLLOVER MITIGATION SYSTEM
(Electronic Rollover Mitigation)

The system monitors the raising tendency of the wheels from the ground if the driver performs extreme manoeuvres like quick steering to avoid an obstacle, especially in poor road conditions.

If such conditions occur the system intervenes on brakes and engine power to reduce the possibility for the wheels to be raised from the ground.

It is not possible to avoid tendency to roll over if the phenomenon is due to reasons such as driving on high side gradients, collision with objects or other vehicles.



WARNING

The performance of a car with ERM must never be tested in imprudent or dangerous ways, with the possibility of putting the safety of the driver or other people at risk.

TRACTION PLUS SYSTEM

(for versions/markets, where provided)

Traction Plus is a driving aid, useful for setting off in poor grip conditions (snow, ice, mud, etc.), which allows the drive force to be distributed optimally on the front axle.

The activation of the Traction Plus system generates the differential locking effect on the front axle through the braking system, to optimise traction on irregular terrain.

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

OPERATION

When the engine is started the system is deactivated.

To activate the system, press the T+ button fig. 110: the LED on the button switches on and the display shows a dedicated message.

The system operates at speeds below 30 km/h: when this speed is exceeded, it deactivates automatically (the LED on the button stays on) and reactivates as soon as the speed drops below 30 km/h.

To deactivate the system, once activated, press the T+ button again.

Traction Plus system fault

If the system is faulty, the **ESC** warning light on the instrument panel switches on constantly.

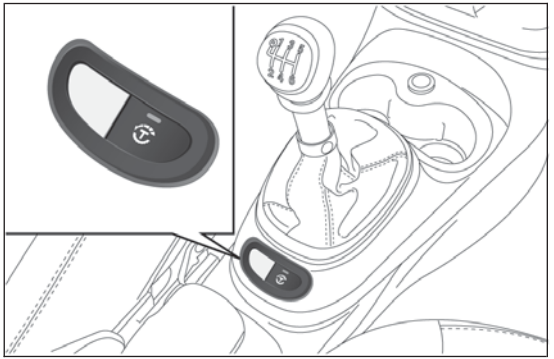


fig. 110 F0Y0248

START&STOP SYSTEM

INTRODUCTION

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

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

OPERATING MODES

Engine stopping mode

With the car stopped, the engine stops with gearbox in neutral and clutch pedal released.

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

The Ⓐ symbol appears on the display when the engine stops.

Restarting the engine

Press the clutch pedal to restart the engine.

MANUAL SYSTEM ACTIVATION/ DEACTIVATION

To activate/deactivate the system manually, press the Ⓐ fig. 111 button (located on the dashboard control trim).

Start&Stop system activation

Start&Stop system activation is signalled by a message on the display. In this condition, the LED on the button Ⓐ is off.

Start&Stop system deactivation

Versions with multifunction display: a message appears on the display when the Start&Stop system is deactivated.

Versions with reconfigurable multifunction display: the Ⓐ symbol and a dedicated message appear on the display when the Start&Stop system is deactivated.

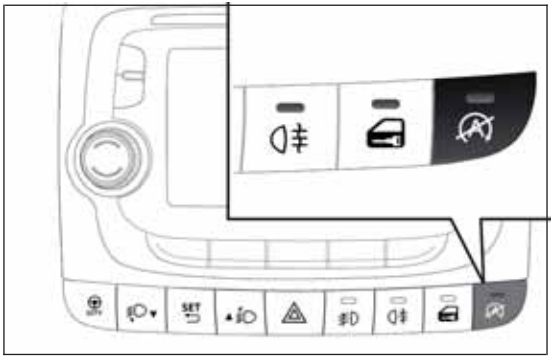


fig. 111 F0Y0040

The LED above the button is on when the system is deactivated.

ENGINE STOPPING FAILURE CONDITIONS

When the system is operating, due to comfort, emission control and safety reasons, the engine does not stop in some conditions, among which:

- ❒ engine still cold;
- ❒ especially cold outside temperature;
- ❒ battery not sufficiently charged;
- ❒ particulate filter regeneration (DPF) in progress (diesel engines only);
- ❒ driver's door not shut;
- ❒ driver's seat belt not fastened;
- ❒ reverse gear engaged (for example, for parking manoeuvres);
- ❒ for versions equipped with automatic climate control (for versions/markets, where provided), if an adequate level of thermal comfort has not been reached or with MAX-DEF mode active;
- ❒ during the first period of use, to initialise the system.



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

ENGINE RESTARTING CONDITIONS

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

- ❒ battery not sufficiently charged;
- ❒ reduced braking system vacuum (e.g. if the brake pedal is pressed repeatedly);
- ❒ car moving (e.g. when driving on roads with a gradient);
- ❒ engine stopping by Start&Stop system for over 3 minutes;
- ❒ for versions equipped with automatic climate control (for versions/markets, where provided), if an adequate level of thermal comfort has not been reached or with MAX-DEF mode active.

With gear engaged, automatic engine restarting is possible only by fully depressing the clutch pedal. The operation is signalled to the driver with a message shown on the display.

Notes

If the clutch is not pressed, about 3 minutes after the engine stops, the engine can be restarted only using the ignition key.

In cases of unwanted engine stop, due for example to the clutch pedal being released sharply with a gear engaged, if the Start&Stop system is active, the engine can be restarted by fully depressing the clutch pedal or by placing the gear lever in neutral.

SAFETY FUNCTIONS

When the engine is stopped by the Start&Stop system, if the driver releases his/her seat belt and opens the driver's or passenger's door, the engine can be restarted only using the ignition key.

This condition is signalled to the driver with an acoustic signal.

"ENERGY SAVING" FUNCTION

(for versions/markets, where provided)

If, following automatic engine restarting, the driver does not carry out any action on the car for over 3 minutes, the Start&Stop system stops the engine once and for all, to prevent fuel consumption.

In these cases, the engine can only be restarted using the ignition key.

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

IRREGULAR OPERATION

In the event of malfunction, the Start&Stop system is deactivated.

Versions with multifunction display: a Start&Stop system failure is indicated by the switching on of the ⚠ warning light on the instrument panel and a message on the display.

Versions with reconfigurable multifunction display: The ⓘ symbol and a dedicated message appear on the display when a failure in the Start&Stop system is detected.

In the event of a Start&Stop system failure, contact a Fiat Dealership.

CAR INACTIVITY

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

Press button A fig. 112 to detach connector B from sensor C, which monitors battery status and is located on the negative terminal of the battery itself.

WARNING

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

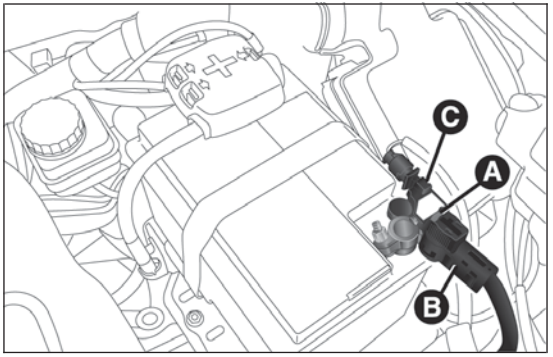


fig. 112 F0Y0095

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

JUMP STARTING

When jump starting, never connect the negative lead (–) of the auxiliary battery to the negative pole A fig. 113 of the car battery, but rather to an engine/gearbox earth point.

IMPORTANT

WARNING

Before opening the bonnet, make sure the engine is off and the ignition key is in the STOP position. Always refer to the plate fig. 114 inside the bonnet. We recommend that you remove the key from the ignition if other people remain in the vehicle. Exit from the car only after having removed the ignition key or having rotated it to the STOP position. During refuelling, make sure that the engine is off and that the ignition key is in the STOP position.

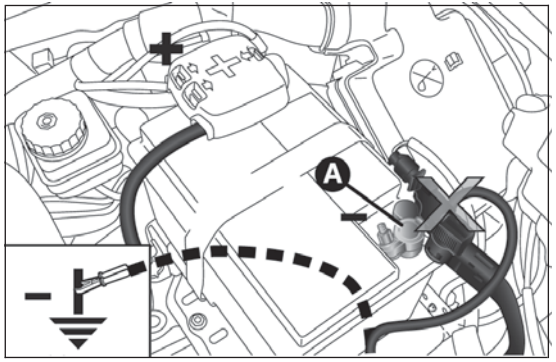


fig. 113 F0Y0141

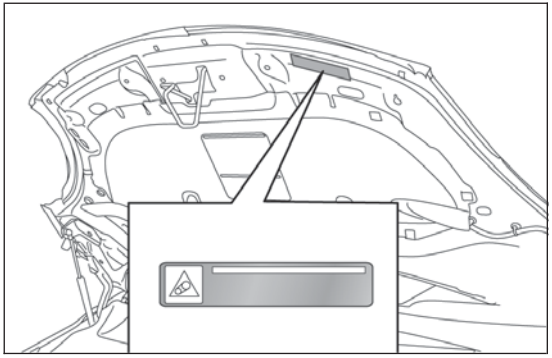


fig. 114 F0Y0094

CITY BRAKE CONTROL - "Collision Mitigation" SYSTEM

(for versions/markets, where provided)

This is a driving assistance system that can detect the presence of cars before the vehicle at a close distance and, in case of imminent collision, intervenes automatically braking the car to prevent the impact or lower its effects.

The system only works if:

❒ **the ignition key is at MAR-ON;**

❒ **the car speed is between 5 and 30 km/h;**

❒ **the front seat belts are fastened.**

The system can be deactivated (and then reactivated) with the display setup menu (see paragraph "Menu items" in this chapter).

The system activates if there is risk of imminent collision and the driver does not press the brake pedal promptly.

If the system detects that the vehicle ahead could be hit, it may prepare the car to a possible emergency braking.

If the driver does not carry out any action to prevent the collision, the system may automatically slow down the car, in order to prepare it to a possible impact.

When there is risk of impact, if the action on the brake pedal by the driver is not sufficient, the system may intervene in order to improve the reaction of the braking system, therefore reducing car speed further.

When driving uphill on a steep slope, the system may intervene, activating the braking system.

Versions equipped with Start&Stop system: at the end of the automatic braking, the Start&Stop system will activate as described in paragraph "Start&Stop system" of this chapter.

Versions equipped with manual gearbox: at the end of the automatic braking the engine may stall and turn off, unless the driver presses the clutch pedal.

Versions equipped with Dualogic automatic transmission (for versions/markets, where provided): at the end of braking the last gear stored remains engaged.

IMPORTANT Both on versions equipped with manual gearbox and on those with automatic transmission (for versions/markets, where provided), after the car is stopped the brake calipers may be stuck for about 2 seconds for safety reasons. Make sure you press the brake pedal if the car moves slightly forwards.

IMPORTANT The system is only active with a car speed between 5 and 30 km/h.

IMPORTANT The system does **NOT** activate engaging the reverse. The system does **NOT** activate if the front seat belts are not fastened.

LASER SENSOR

The system includes a laser sensor, located in the upper part of the windscreen fig. 115.

DRIVING IN PARTICULAR CONDITIONS

In certain driving conditions, such as, for example:

- ❒ driving close to a bend;
- ❒ vehicles with small dimensions and/or not aligned in the driving lane;
- ❒ lane change by other vehicles;

system intervention might be unexpected or delayed. The driver must therefore be very careful, keeping control of the car to drive in complete safety.

IMPORTANT In particularly complicated traffic conditions, the driver can deactivate the system manually with the Setup menu (see paragraph "Menu items" in this chapter).

Driving close to a bend

When tackling a wide bend, the laser sensor may detect the presence of a vehicle in front of the car, but not running on the same driving lane fig. 116: in this case, the system may be activated.

Vehicles with small dimensions and/or not aligned in the driving lane

The system cannot detect vehicles in front of the car outside the range of the laser sensor and cannot react in presence of small vehicles, such as bicycles or motorcycles fig. 117.

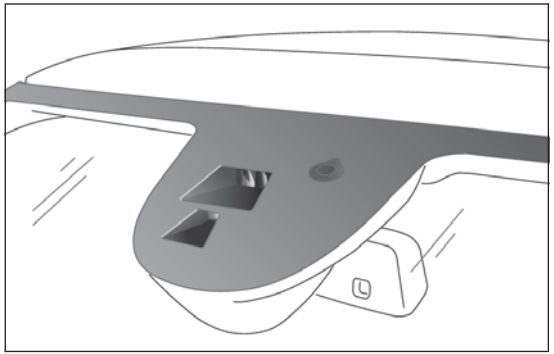


fig. 115 F0Y0200

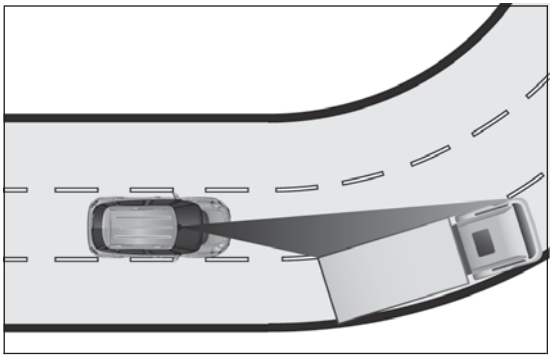


fig. 116 F0Y0320

Lane change by other vehicles

Vehicles suddenly changing lane, getting in the driving lane of the car fig. 118 and inside the laser sensor operating range, may cause system activation.

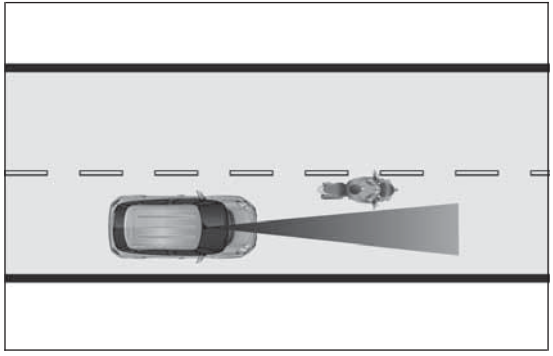


fig. 117 F0Y0321

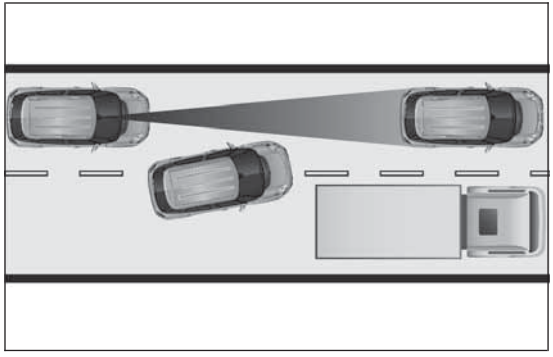


fig. 118 F0Y0322

IMPORTANT

WARNING

The system is an aid for the driver who must never reduce attention while driving. The responsibility always rests with the driver, who must take into account the traffic conditions for driving in complete safety. The driver must always maintain a safe distance from the vehicle in front.

WARNING

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

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



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



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



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



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

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



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



WARNING

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

WARNING

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

If a trailer or a car is towed the system must be deactivated with the display Setup Menu (see paragraph "Menu items" in this chapter).

WARNING

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

REAR CAMERA (PARKVIEW® REAR BACK UP CAMERA)

(for versions/markets, where provided)
The camera is located on the tailgate fig. 119.

CAMERA ACTIVATION/DEACTIVATION

The camera is activated/deactivated through the "Settings" menu of Uconnect™ 5" Radio or, depending on the versions of the Uconnect™ 5" Radio Nav (see "Safety/Assistance" in the "More mode" paragraph).

When the camera is activated, whenever reverse is engaged the display shows the image of the car rear area fig. 120.

The image is displayed, together with a warning message: after a few seconds, the message disappears.

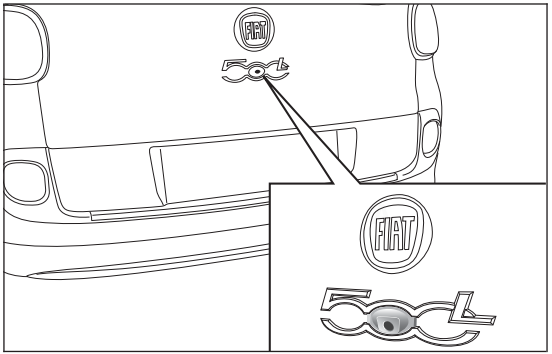


fig. 119 F0Y0336

When reverse is disengaged, the image is still displayed for approx. 10 seconds, then it disappears and the previously active screen is displayed again.

Note The displayed image may look a bit distorted.

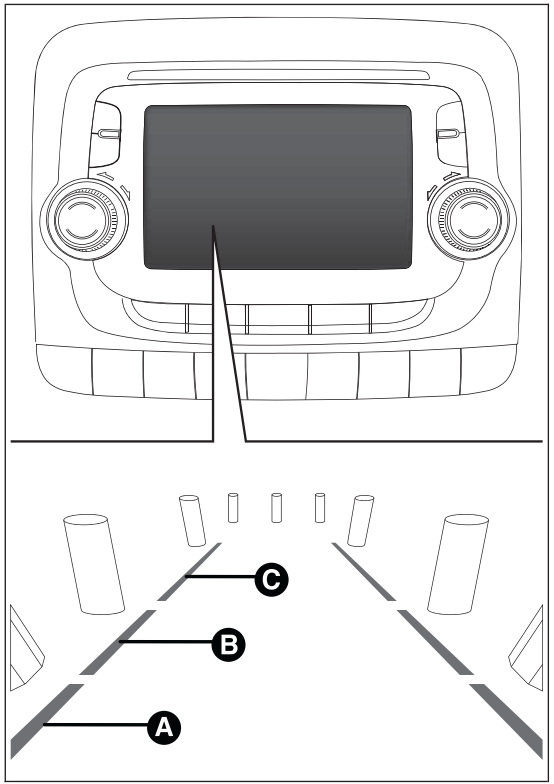


fig. 120 F0Y0337

SYMBOLS AND MESSAGES ON THE DISPLAY

When displayed, the static line grid illustrates the width of the car.

The grid shows separate areas, permitting the distance from the rear of the car to be detected.

The table below shows the approximate distances for each area:

Area (reference fig. 120)	**Distance from the rear of the car**
Red (A)	0 ÷ 30 cm
Yellow (B)	30 cm ÷ 1 m
Green (C)	1 m or more

Messages on display

If the tailgate is lifted, the camera will not detect any obstacle in the vehicle rear part. The display will show a dedicated message.

In this case, lower the tailgate by the suitable handle, pressing next to the lock until it clicks (see the "Closing" paragraph in the "Luggage compartment" chapter).

IMPORTANT

IMPORTANT In some circumstances, such as with ice, snow or mud on the surface of the camera, the camera sensitivity may be reduced.

IMPORTANT If the tailgate is to be re-painted following to repairs, make sure the paint does not get in contact with the camera.

IMPORTANT When parking, take the utmost care over obstacles that may be above or under the camera range.



WARNING

The responsibility for parking and other manoeuvres is always and in any case charged to the driver. While carrying out these manoeuvres, always make sure that no people (especially children) or animals are in the area concerned. The camera is an aid for the driver, but the driver must never allow his/her attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds. Always keep a slow speed, so as to promptly brake in case of obstacles.



It is vital, for correct operation, that the camera is always kept clean and free from any mud, dirt, snow or ice. Be careful not to scratch or damage the camera while cleaning it. Avoid using dry, rough or hard cloths. The camera must be washed using clean water, with the addition of car shampoo if necessary. In washing stations which use steam or high-pressure jets, clean the camera quickly, keeping the nozzle more than 10 cm away from the sensors. Also, do not apply stickers to the camera.

EOBD SYSTEM

The EOBD system (European On Board Diagnosis) carries out a continuous diagnosis of the components of the car related to emissions. It also alerts the driver, by turning on warning light on the instrument panel (together with a message on the display on some versions), when these components are no longer in peak condition (see section "Warning lights and messages").

The aim of the EOBD system (European On Board Diagnosis) is to:

❒ monitor the system efficiency;

❒ indicate an increase in emissions;

❒ indicate the need to replace damaged components.

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

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

DUALDRIVE ELECTRIC POWER STEERING

This only operates with the key turned to MAR and the engine started. The steering allows the force required at the steering wheel to be adjusted to suit driving conditions.

IMPORTANT When turning the ignition key quickly, full power steering functionality can be achieved after a few seconds.

CITY FUNCTION ACTIVATION/ DEACTIVATION

Press the CITY button fig. 121 to activate/deactivate the function. Activation of this function is signalled by the appearance of the word CITY (versions with multifunction display) or activation of the CITY warning light on the instrument panel (versions with reconfigurable multifunction display).

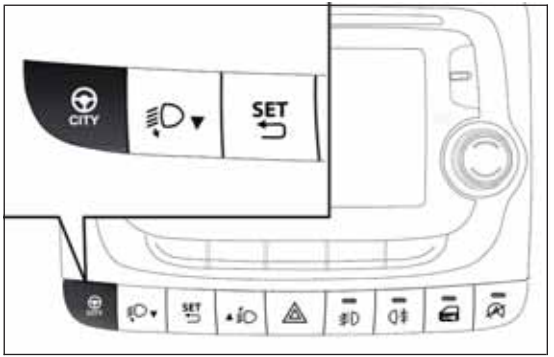


fig. 121 F0Y0036

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

WARNING

It is absolutely forbidden to carry out any after-market operation involving steering system or steering column modifications (e.g.: installation of anti-theft device) that could badly affect performance and safety, invalidate warranty and also result in non-compliance of the car with type approval requirements.

IMPORTANT During parking manoeuvres requiring a lot of steering, the steering may become harder; this is normal and is due to the intervention of the system to protect the electric steering motor from overheating. No repair intervention is needed in this case. When the car is used again, the power steering will work normally again.

WARNING

Before performing any maintenance operations, always turn off the engine and remove the key from the ignition to lock the steering column (especially when the car wheels are not touching the ground). If this is not possible (for example if the key needs to be turned to MAR-ON or the engine must be running), remove the main fuse that protects the electric power steering.

RADIO SETUP SYSTEM

(for versions/markets, where provided)

The car may be equipped with a dual storage compartment fig. 122 on the dashboard.

The radio setup system is composed of:

- ❒ radio supply leads;
- ❒ no. 2 front tweeters ∅ 38 mm, located on the door handle;
- ❒ no. 2 mid-woofers ∅ 165 mm, located on the door panel;
- ❒ no. 2 full-range speakers ∅ 165 mm, located on the door panel;
- ❒ radio housing;
- ❒ aerial (on car roof).

The radio can be installed in place of compartment A fig. 122, which snaps into place and can be removed by pulling it outwards. Having done this, the cables provided are accessible.

For connection to the radio system set-up, contact a Fiat Dealership to prevent any problem that could impair car safety.

PREPARATION TO INSTALL A PORTABLE NAVIGATION SYSTEM

Install the portable navigation system by fitting the specific mounting bracket in the housing shown in fig. 123.

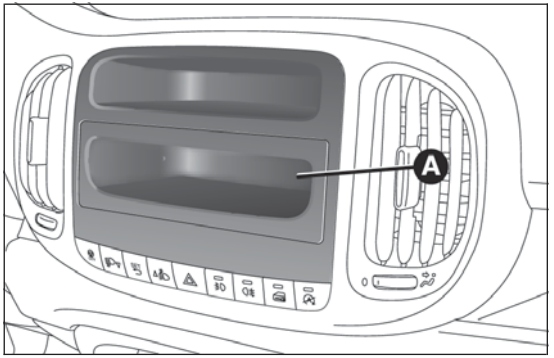


fig. 122 F0Y0139

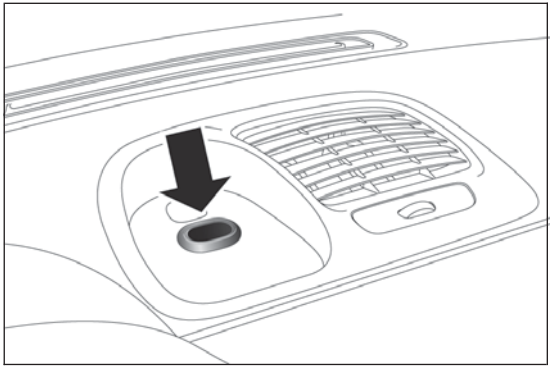


fig. 123 F0Y0132

LAVAZZA 500 ESPRESSO EXPERIENCE SETUP

(for versions/markets, where provided)

The setup is in the rear bottle holder compartment, on central tunnel fig. 124.

For operation of the Lavazza accessory, which can be ordered from Lineaccessori Fiat, refer to the documents provided with the kit itself.

For operation refer to the owner's handbook provided with the kit itself.

WARNING

Use the accessory with vehicle stationary.

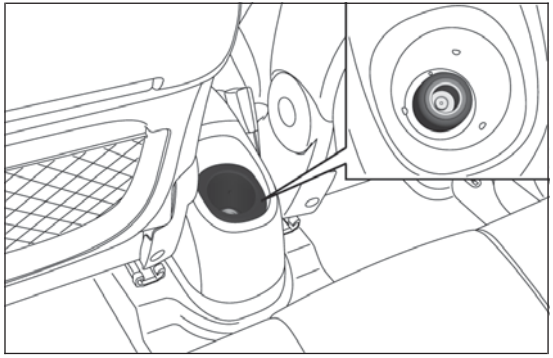


fig. 124 F0Y0244

Use the accessory with engine on, in order to protect the battery charge. If several devices absorbing a high amount of current (e.g. activation of climate control unit or heated rear window defrosting) are used simultaneously, the accessory could fail to operate.

ACCESSORIES PURCHASED BY THE OWNER

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

WARNING

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

INSTALLING ELECTRICAL/ELECTRONIC DEVICES

Electrical and electronic devices installed after buying the car in the context of after-sales service must carry the label (see fig. 125):

Fiat Group Automobiles S.p.A. authorises the installation of transceiver devices on condition that such installations are carried out in a workmanlike fashion, following the manufacturer's instructions, at a specialised centre.

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

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

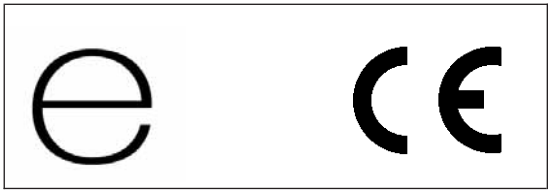


fig. 125 DISPOSITIVI-ELETTRONICI

RADIO TRANSMITTERS AND MOBILE PHONES

Radio transmitter equipment (vehicle mobile phones, CB radios etc.) cannot be used inside the car unless a separate aerial is mounted externally.

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

In addition, transmission and reception of these devices may be negatively affected by the shielding effect of the car body. As far as the use of EC-approved mobile phones is concerned (GSM, GPRS, UMTS), follow the usage instructions provided by the mobile phone manufacturer.

PARKING SENSORS

(for versions/markets, where provided)

They are located in the rear bumper fig. 126 and their function is to detect the presence of any obstacles near the rear part of the car; they consequently inform the driver, through an intermittent acoustic signal.

ACTIVATION/DEACTIVATION

The sensors are automatically activated when reverse gear is engaged. As the obstacle behind the vehicle gets closer to the car, the acoustic signal becomes more frequent.

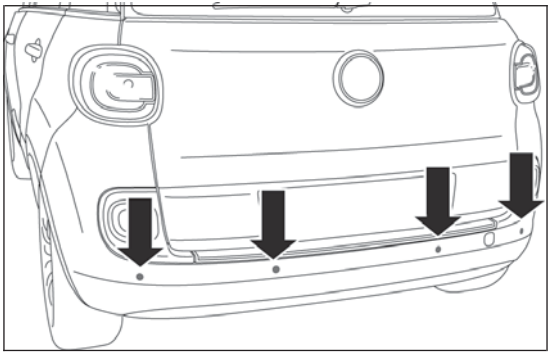


fig. 126 F0Y0140

ACOUSTIC SIGNAL

When reverse gear is engaged and there is an obstacle behind the vehicle, an acoustic signal is emitted which varies according to the distance of the bumper from the obstacle.

The frequency of the acoustic signal:

- ❒ increases as the distance between car and obstacle decreases, culminating in a continuous acoustic signal, when the distance is less than approximately 30 cm;
- ❒ decreases if the distance from the obstacle increases, until the signal ceases entirely;
- ❒ remains constant if the distance between car and obstacle remains unchanged; if this situation concerns the side sensors, the signal will stop after approximately 3 seconds to avoid, for example, indications in the event of manoeuvres along a wall.

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

FAULT INDICATION

Any parking sensor faults will be indicated when reverse is engaged by the ⚠ warning light on the instrument panel together with the message in the multifunction display (for versions/markets, where provided) (see "Warning lights and messages" section).

OPERATION WITH TRAILER

Sensor operation is deactivated automatically when the trailer's electric cable plug is fitted into the car's tow hook socket.

The sensors are automatically reactivated when the trailer's cable plug is removed.



For correct operation, sensors must always be clean from mud, dirt, snow or ice. Be careful not to scratch or damage the sensors while cleaning them. Avoid using dry, rough or hard cloths. The sensors should be washed using clean water with the addition of car shampoo if necessary. When using special washing equipment such as high pressure jets or steam cleaning, clean the sensors very quickly keeping the jet more than 10 cm away. Also, do not apply stickers to the sensors.

GENERAL WARNINGS

When parking, take the utmost care over obstacles that may be above or below the sensors.

Under certain circumstances, objects close to the vehicle are not detected by the system and could therefore cause damage to the car or be damaged themselves.

Some conditions may influence the performance of the parking sensors:

- ❒ the presence of ice, snow, mud or think paint on the sensor surface may cause reduced sensitivity of the sensor itself and therefore reduce the system performance.
- ❒ mechanical interference (e.g. washing the car, rain, strong wind, hail) may cause the sensor to detect a non-existent obstacle ("echo interference");
- ❒ the presence of ultrasonic systems (e.g. pneumatic brake systems of trucks or pneumatic drills) near the car could alter the signals sent by the sensor;
- ❒ the variation in sensor position, caused by variation in ride (due to suspension component wear), changing tyres, overloaded car, or tuning that lowers the car, for example, may affect parking sensor system performance.

WARNING

The driver is always responsible for parking manoeuvres however. When making these manoeuvres, always make sure that no people (especially children) or animals are present in your manoeuvring area. The parking sensors are an aid for the driver, but must never allow their attention to lapse during potentially dangerous manoeuvres, even those executed at low speeds.

REFUELLING THE CAR

Before refuelling, make sure that the fuel type is correct. Also stop the engine before refuelling.

PETROL ENGINES

Use unleaded petrol only, with octane number (RON) no lower than 95.

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

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

DIESEL ENGINES

Operation at low temperatures

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

In order to avoid these problems, different types of diesel fuel are distributed according to the season: summer type, winter type and arctic type (cold/mountain areas).

If refuelling with diesel fuel whose specifications are not suitable for the usage temperature, it is advisable to mix TUTELA DIESEL ART additive in the proportions shown on the container with the diesel fuel. Pour the additive into the tank before the diesel fuel.

When using or parking the car for a long time in the mountains or cold areas, it is advisable to refuel using locally available diesel. In this case, it is also advisable to keep the tank over 50% full.



For diesel engines, use only diesel fuel for motor vehicles in accordance with EN590 European specifications. The use of other products or mixtures may damage the engine beyond repair and consequently invalidate the warranty, depending on the damage caused. If you accidentally refuel with another type of fuel, do not start the engine, and drain the fuel tank. If the engine has been run, even for only a very short time, you will need to have the entire fuel system emptied in addition to the tank.

REFUELLING CAPACITY

To fill the tank completely, top up twice after the pump switches off.

Further top-ups could cause faults in the fuel supply system.

REFUELLING PROCEDURE

"Smart Fuel" is a device at the opening for the fuel tank which opens and recloses automatically when the fuel delivery gun is introduced/removed.

"Smart Fuel" is provided with an inhibitor which prevents refuelling with incorrect fuel.

The refuelling procedure described below is illustrated on label B fig. 127, which is applied inside the fuel flap. The label also indicates the fuel type (UNLEADED FUEL=petrol, DIESEL=diesel fuel).

To refuel proceed as follows:

❒ open the flap A fig. 127 pulling it outwards;

❒ introduce the dispenser in the filler and refuel;

❒ at the end of refuelling, before removing the dispenser, wait for at least 10 in order for the fuel to flow inside the tank;

❒ then remove the dispenser from the filler and close the flap A.

Flap A fig. 127 is provided with a dust cowl C which prevents deposits of impurities and dust at the end of the filler when the flap is closed.

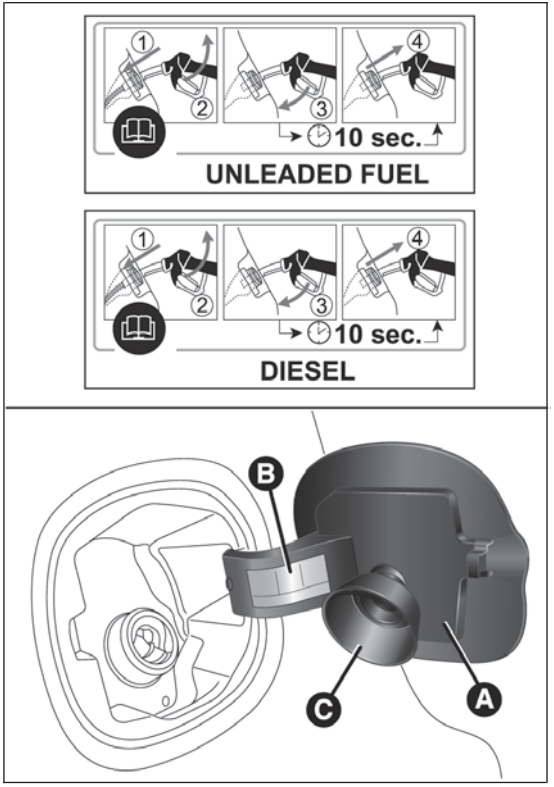


fig. 127 F0Y0229

Emergency refuelling

If there is no fuel in the car or the supply circuit is completely empty, proceed as follows to reintroduce fuel to the tank:

- ❒ open the luggage compartment and take adapter A located in the tool box (versions equipped with space-saver wheel - for versions/markets, where provided) fig. 128 or in the Fix&Go Automatic container (versions equipped with Fix&Go Automatic) fig. 129;
- ❒ open the flap A fig. 127 pulling it outwards;
- ❒ insert the adapter in the filler as shown in fig. 130 and refuel;
- ❒ after refuelling, remove the adapter and close the flap;
- ❒ reintroduce the adapter in the box and put this back in the luggage compartment.

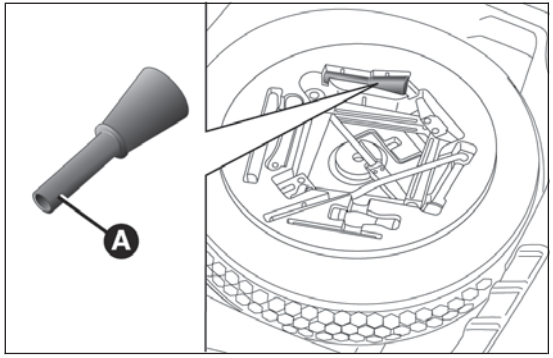


fig. 128 F0Y0230

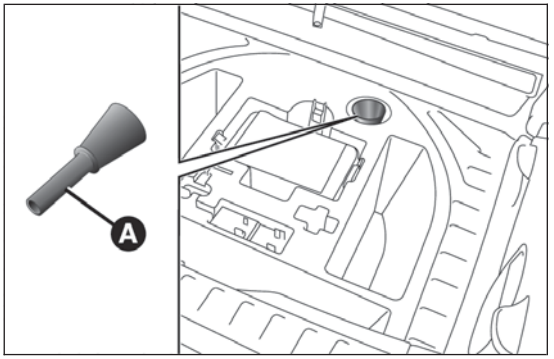


fig. 129 F0Y0232

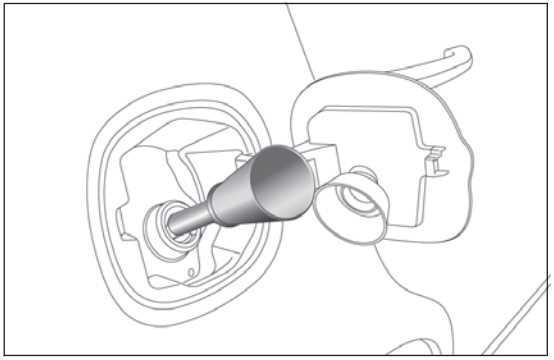


fig. 130 F0Y0231

IMPORTANT

WARNING

Do not apply any object/plug to the end of the filler which is not provided for the car. The use of non-compliant objects/plugs could cause a pressure increase inside the tank, resulting in dangerous situations.

WARNING

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

IMPORTANT If the filler compartment is washed with a high pressure jet, keep it at a distance of at least 20 cm.

WARNING

Do not use a mobile phone near the refuelling pump: risk of fire.

PROTECTING THE ENVIRONMENT

The following devices are used for reducing petrol fuel engine emissions: catalytic converter, oxygen sensors and evaporation control system

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

The following devices are used for reducing diesel fuel engine emissions: oxidising catalytic converter, exhaust gas recirculation system (EGR) and particulate filter (DPF).

DIESEL PARTICULATE FILTER

(for versions/markets, where provided)

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

The diesel particulate filter is needed to eliminate almost all particulates in compliance with current/ future legislation.

During normal use of the vehicle, the engine control unit records a set of data (e.g. travel time, type of route, temperatures, etc.) and it will then calculate how much particulate has been trapped by the filter.

Since this filter physically traps particulate, it should be regenerated (cleaned) at regular intervals by burning the carbon particles.

The regeneration procedure is controlled automatically by the engine management control unit according to the filter conditions and car use conditions.

During the regeneration there may be a limited increase in the engine idle speed, fan activation, a limited increase in fumes and high temperatures at the exhaust.

These are not faults; they do not impair normal car performance or damage the environment. If the dedicated message is displayed, see contents of "Warning lights and messages" chapter.



WARNING

The catalytic converter and particulate filter (DPF) reach very high temperatures during operation. Therefore, do not park the car on flammable materials (grass, dry leaves, pine needles etc.) to avoid the risk of fire.

SEAT BELTS

USING THE SEAT BELTS

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

To fasten the seat belts, hold the tongue A fig. 131 and insert it into the buckle B, until it clicks into place.

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

To unfasten the seat belt, press button C. Guide the seat belt while it is rewinding, to prevent it from twisting. Through the retractor, the belt automatically adapts to the body of the occupant wearing it, allowing freedom of movement.

WARNING

Never press button C fig. 131 when travelling.

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

The rear seat is fitted with inertial seat belts with three anchor points and a retractor. Wear the rear seat belts as shown in fig. 132.

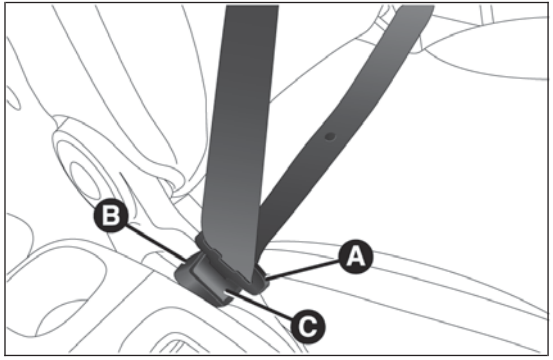


fig. 131 F0Y0085

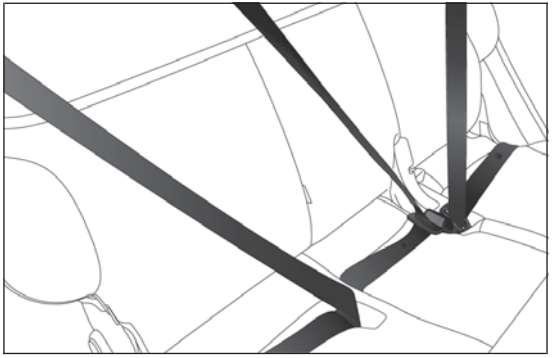


fig. 132 F0Y0086

GETTING TO KNOW YOUR CAR
SAFETY
STARTING AND DRIVING
WARNING LIGHTS AND MESSAGES
IN AN EMERGENCY
SERVICING AND MAINTENANCE
TECHNICAL SPECIFICATIONS
INDEX

WARNING

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

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

S.B.R. SYSTEM (Seat Belt Reminder)

This system consists of a device which, in conjunction with the fig. 133 warning light coming on (initially in fixed mode with continuous acoustic signal and then in flashing mode with intermittent acoustic signal), warns the driver and front passenger that their seat belts have not been fastened.

For long-term deactivation of the SBR system, contact a Fiat Dealership. The SBR system can be reactivated at any time through the display Setup Menu (see "Knowing your car" section).

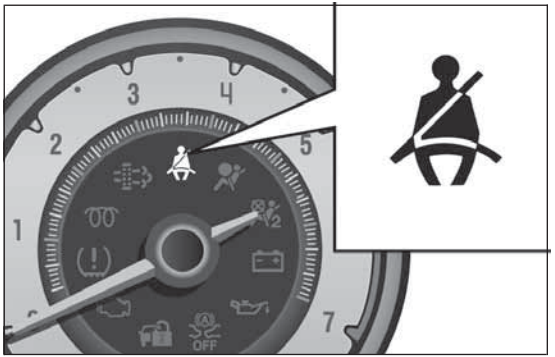


fig. 133 F0Y0116

DRIVER

If the driver is the only occupant and the seat belt is not fastened, when 20 km/h is exceeded or when travelling at a speed from 10 to 20 km/h for longer than 5 seconds, an acoustic signal sequence will be started (front seats) consisting of a tone for 6 seconds followed by a 90 second beep. The warning light will flash.

The warning light will stay on constantly at the end of the cycle until the engine is stopped. The acoustic signal will be interrupted immediately when the driver's seat belt is fastened and the warning light will switch off.

The reminder cycle (acoustic and visual) will be repeated as described above if the seat belt is unfastened while travelling.

PASSENGER

A similar solution applies for the passenger, but the indication is interrupted also when the passenger leaves the car.

If both the front seat belts are unfastened with car in motion and within a few seconds one from the other, the acoustic signal and activation of the warning light will refer to the most recent event.

PRETENSIONERS

The car is equipped with front seat belts pretensioners, that reduce slack in the belts in the event of a severe frontal impact. This guarantees the perfect adherence of the seat belts to the occupants' bodies before the restraining action begins.

It is evident that the pretensioners have been activated when the belt withdraws toward the retractor.

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

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

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

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

WARNING

The pretensioner may be used only once. Contact a Fiat Dealership to have it replaced after it has been deployed.

Operations which lead to impacts, vibrations or localised heating (over 100°C for a maximum of six hours) in the area around the pretensioners may damage or deploy them. Contact a Fiat Dealership should intervention be necessary on these components.

LOAD LIMITERS

To increase occupant safety, the retractors contain a load limiter to dose the force acting on the chest and shoulders during the belt restraining action in the case of frontal collisions.

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

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

Seat belts must also be worn by pregnant women: the risk of injury in the event of an accident is greatly reduced for them and the unborn child if they are wearing a seat belt.

Pregnant women must position the lower part of the belt very low down so that it passes over the pelvis and under the abdomen (see fig. 134). The best way to protect the unborn child is to protect the mother. When a safety belt is worn correctly, it is more likely that the unborn child will not be injured in an accident. For pregnant women, as for anyone, it is important to wear the seat belts correctly.

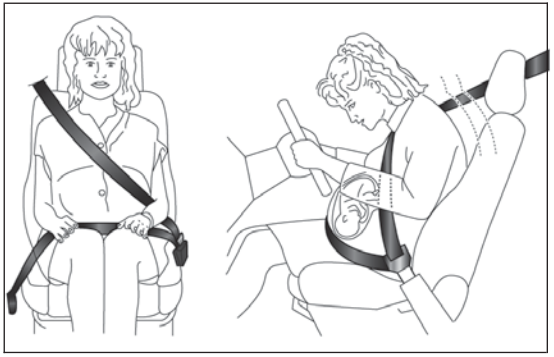


fig. 134 F0Y0283

WARNING

For maximum safety, keep the back of your seat upright, lean back into it and make sure the seat belt fits closely across your chest and pelvis. Always fasten the seat belts on both the front and the rear seats! Travelling without wearing seat belts will increase the risk of serious injury and even death in the event of an accident.

WARNING

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

The belt must not be twisted. The upper part must pass over the shoulder and cross the chest diagonally. The lower part must adhere to the pelvis (as shown in fig. 135) rather than the abdomen of the occupant. Never use devices (clips, clamps, etc.) to hold the seat belt away from your body.

Each seat belt must be used by only one person. Never travel with a child sitting on the passenger's lap and a single belt to protect them both fig. 136. In general, do not place any objects between the person and the belt.



fig. 135 F0Y0015



fig. 136 F0Y0016

WARNING

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

SEAT BELT MAINTENANCE

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

- ❒ always use the seat belt with the strap well stretched and not twisted; make sure that it is free to run without obstructions;
- ❒ check seat belt operation as follows: attach the seat belt and pull it hard;
- ❒ replace the belt after an accident of a certain severity even if it does not appear to be damaged. Always replace the seat belt if the pretensioners were deployed;
- ❒ to clean the seat belts, wash by hand with water and neutral soap, rinse and leave to dry in the shade. Do not use strong detergents, bleach, colourants or any other substance which could damage the belt fibres;
- ❒ prevent the retractors from getting wet: their correct operation is only guaranteed if water does not get inside;
- ❒ replace the seat belt when it shows wear or cuts.

CARRYING CHILDREN SAFELY

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

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

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

Children must be seated safely and comfortably. As far as the characteristics of the child restraint systems used, you are advised to keep children in rearward facing restraint systems for as long as possible (at least until 3–4 years old); this is the most protected position in the event of an impact.

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

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

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

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

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

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

WARNING

Extreme Hazard! Do not place rearward facing infant seat in front of an active air bag. Deployment of the air bag in an accident could cause fatal injuries to the baby regardless of the severity of the collision. It is advisable to always carry children in a child restraint system on the rear seat, which is the most protected position in the event of a collision.

WARNING

Should it be necessary to carry a child on the passenger side front seat in a rearward facing child restraint system, the passenger side front airbag and side bag (for versions/markets, where provided) must be deactivated through the Setup menu. Deactivation should be verified by checking whether the warning light is switched on in the instrument panel. The passenger seat must also be positioned back as far as possible in order to avoid the child restraint system from coming into contact with the dashboard.

WARNING

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

FITTING "UNIVERSAL" CHILD RESTRAINT SYSTEM (with seat belts)

GROUP 0 and 0+

WARNING

The figure is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included with this type of restraint system.

Infants up to 13 kg must be carried with rearward facing seat of a type as shown in fig. 137 which, supporting the head, does not induce stress on the neck in the event of sudden decelerations.

The rearward facing infant seat is restrained by the car seat belts, as shown in fig. 137 and it must restrain the child in turn with its own belts.

WARNING

This type of seats must not be fitted on the 3rd row seats (for versions/markets, where provided).



fig. 137 F0Y0202

GROUP 1

WARNING

The figure is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included with this type of restraint system.

Children of weight from 9 to 18 kg may be carried in forward facing seat fig. 138.

WARNING

Child seats with Isofix attachments are available for a safe anchoring to the seat without using the car seat belts. For this type of seats see paragraph "Isofix child seat setup" in this chapter.



fig. 138 F0Y0203

GROUP 2

WARNING

The figure is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included with this type of restraint system.

Children from 15 to 25 kg may use the car seat belts directly fig. 139.

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

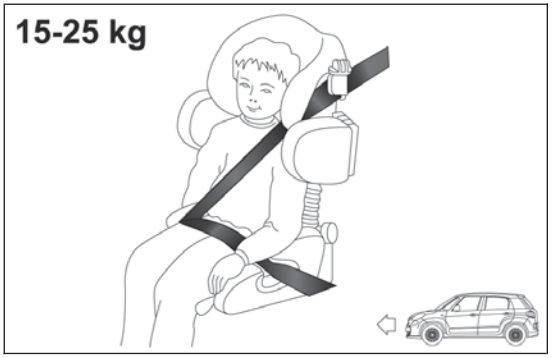


fig. 139 F0Y0204

GROUP 3

WARNING

The figure is indicative and for assembly purposes only. Fit the child restraint system according to the instructions, which must be included with this type of restraint system.

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

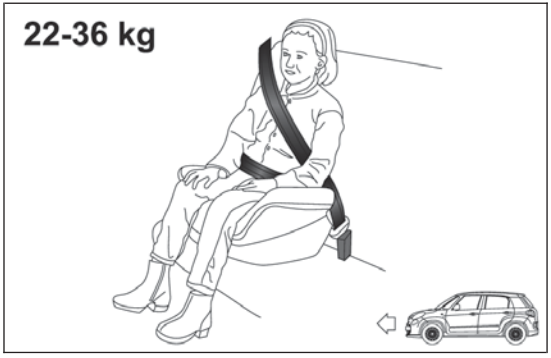


fig. 140 F0Y0205

The fig. 140 shows an example of correct child restraint system positioning on the rear seat.

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

SUITABILITY OF PASSENGER SEATS FOR UNIVERSAL CHILD RESTRAINT SYSTEM USE

According to the European Directive 2000/3/EC the suitability of each passenger seat position for fitting universal child seats is shown in the following tables:

5-seater versions

Group	Weight groups	Front passenger	Rear central passenger	Rear outer passengers
Group 0, 0+	up to 13 kg	U	X	U
Group I	9-18 kg	U	X	U
Group 2	15-25 kg	U	X	U
Group 3	22-36 kg	U	X	U

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

X = Seat not suitable for children in this weight category.

7-seater versions (for versions/markets, where provided)

Group	Weight groups	Front passenger	2nd row rear central passenger	2nd row rear side passengers	3rd row rear side passengers (*)
Group 0, 0+	up to 13 kg	U	X	U	X
Group I	9-18 kg	U	X	U	UF (**)
Group 2	15-25 kg	U	X	U	UF (**)
Group 3	22-36 kg	U	X	U	UF (**)

(*) = For versions/markets, where provided
(**) = The 2nd row seat must be adjusted.

X = Seat not suitable for children in this weight category.

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

UF = Suitable for child restraint systems in the "Universal" category facing forwards, according to European Standard EEC-R44 for the specified "Groups".

ISOFIX CHILD RESTRAINT SYSTEM

The car is equipped with ISOFIX anchorages, a new standard which makes fitting a child restraint system quick, simple and safe.

Isofix systems can be fitted alongside Universal child restraint systems to different seats of the same vehicle.

An example of a Universal Isofix child restraint system for weight group 1 is shown in fig. 134. fig. 141

WARNING

The figure is indicative and for assembly purposes only. Secure the child restraint system according to the instructions, which must be included with this type of restraint system.

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

IMPORTANT The central rear seat (for versions/ markets, where provided) is not approved for any type of Isofix child restraint systems.

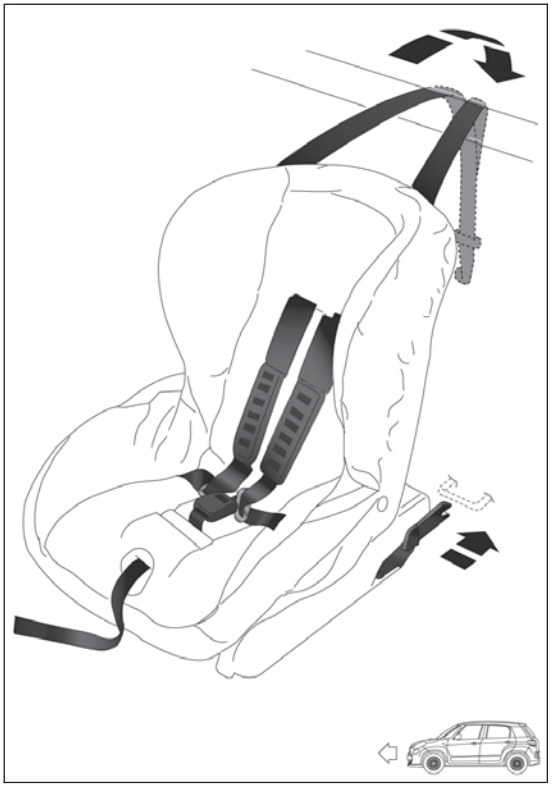


fig. 141 F0Y0201

INSTALLING A UNIVERSAL ISOFIX CHILD RESTRAINT SYSTEM

Attach the restraint system to the two metal anchorages A fig. 142 located where the rear seat cushion meets the backrest, then fix the upper strap (available together with the child restraint system) to the dedicated anchorage B fig. 143 located at the bottom behind the backrest.

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

WARNING

If a Universal ISOFIX child restraint is not fixed to all anchorages, the child restraint system will not be able to protect the child correctly. In a crash, the child could be seriously injured or killed.

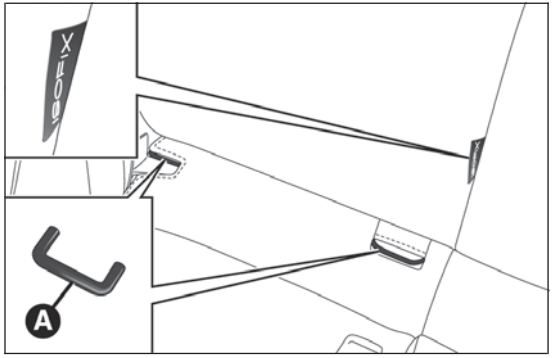


fig. 142 F0Y0088

For any further details on installation and/or use, refer to the instructions provided with the child restraint system.

WARNING

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

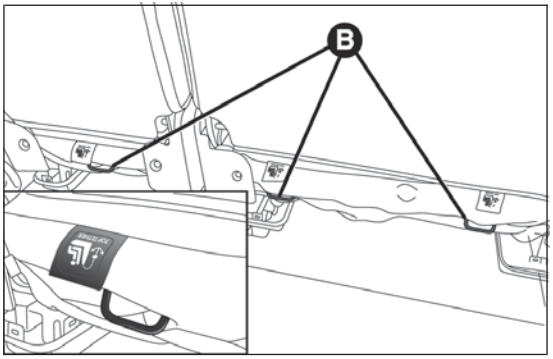


fig. 143 F0Y0089

SUITABILITY OF PASSENGER SEATS FOR ISOFIX CHILD RESTRAINT SYSTEM USE

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

Weight group	Child seat position	Isofix size class	Rear side passengers
Group 0 – up to 10 kg	Rearward facing	E	IL
Group 0+ – up to 13 kg	Rearward facing	E	IL
	Rearward facing	D	IL
	Rearward facing	C	IL (*)
Group 1 – from 9 up to 18 kg	Rearward facing	D	IL
	Rearward facing	C	IL (*)
	Forward facing	B	IUF
	Forward facing	BI	IUF
	Forward facing	A	IUF

IL : suitable for ISOFIX child restraint systems of the categories for "specific vehicles", "restricted", or "semiuniversal", approved for this type of vehicle.

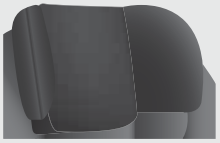
(*) : the Isofix child restraint system can be installed by adjusting the front seat.

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

CHILD RESTRAINT SYSTEMS FOR YOUR 500L

Lineaccessori Fiat includes and Fiat reccomendes a complete range of child restraint systems to be fixed to the vehicle through the three point adult seat belt or the Isofix anchorages.

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 0+ – from 0 to 13 kg		**Britax Baby Safe plus** Approval number: E1 04301146 Fiat order code: 71806415	It must be fitted rearward facing with the three-point seat belt only. If it is installed on the front passenger seat, first remember to deactivate the airbag. Adjust the rear seat as far forward as the position of the front seat allows.
	 + 	**Britax Baby Safe plus** Approval number: E1 04301146 Fiat order code: 71806415 + **Britax Baby Safe ISOFIX base** Fiat order code: 71806416	It must be fitted rearward facing using car's adult seat belts and the reccomended Isofix base. It must be fitted in the rear outer seats. Adjust the rear seat as far forward as the position of the front seat allows.

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 1 – from 9 up to 18 kg	 +  + 	**Fair G0/1S ISOFIX** Approval number: E4 04443718 Fiat order code for Central and Southern Europe: 71806647 Fiat order code for Northern Europe: 71806649 Fiat order code for Eastern Europe: 71806650 + **Fair ISOFIX RWF platform, "L" type for G0/1S** Fiat order code: 71806634 + **Fair head restraint** Fiat order code for Central and Southern Europe: 71806648 Fiat order code for Northern Europe: 71806652 Fiat order code for Eastern Europe: 71806653	It must be fitted rearward facing using the Isofix platform "L" type, specific for 500L, the car's Isofix anchorages and the recommended CRS head restraint shown on the left. It must be fitted in the rear outer seats. Adjust the rear seat as far forward as the position of the front seat allows.

Weight group	Child restraint system	Type of child restraint system	Child restraint system installation
Group 1 – from 9 up to 18 kg		**Britax Safefix TT** Approval number: E1 04301199 Fiat order code: 71805956	Child restraint system, Isofix universal with Top Tether It must be fitted forward facing, using Isofix anchorages and the upper belt, provided with the child restraint system. It must be fitted in the rear outer seats. For optimum protection please adjust the rear seat as far back as possible.
		**Britax Roemer Duo Plus** Approval number: E1 04301133 Fiat order code: 71803161	Child restraint system, Isofix universal with Top Tether It must be fitted forward facing, using Isofix anchorages and the upper belt, provided with the child restraint system. It must be fitted in the rear outer seats. For optimum protection please adjust the rear seat as far back as possible.
Group 2 – 3 from 15 kg to 36 kg		**Fair Junior Fix** Approval number: E4 04443721 Fiat order code: 71806570	It can only be fitted facing forwards, using the three-point seat belt and the Isofix attachments, if present in the selected position. For optimum protection Fiat suggests adjusting the rear seat as far back as possible.

WARNING

Fit the child seat according to the instructions, which must be included with this type of restraint system.

Main recommendations to carry children safely:

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

AIRBAG

The car is equipped with front airbags for driver and passenger, driver's knee bag (for versions/markets, where provided), seat-mounted side airbags for driver's and passenger pelvis-chest-shoulder protection (for versions/markets, where provided), and window airbags for protecting the heads of front and rear outer occupants.

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

FRONT AIRBAGS

The front driver/passenger airbags and the driver's knee bag (for versions/markets, where provided) protect the front seat occupants in the event of frontal impacts of medium/high severity, by placing the bag between the occupant and the steering wheel or dashboard.

Therefore non-deployment in other types of impacts (side impacts, rear shunts, roll-overs, etc.) does not indicate a system malfunction.

Front (driver and passenger) airbags are not a replacement for, but are complementary to, the seat belts, which you are recommended to always wear, as specified by law in Europe and most non-European countries.

In the event of impact, those not wearing a seat belt are projected forwards and may come into contact with the bag which is still inflating. The protection offered by the bag is compromised in these circumstances.

Front airbags may not activate in the following situations:

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

Failure to activate in the conditions described above is due to the fact that they may not provide any additional protection compared with seat belts, so their activation would be inappropriate.

In these cases, non-deployment of the airbag does not necessarily indicate a system malfunction.

WARNING

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

Front driver airbag

This consists of an instantly inflating bag contained in a special compartment in the centre of the steering wheel fig. 144.

WARNING

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

Front passenger airbag

This consists of an instantly-inflating bag contained in a special compartment in the dashboard fig. 145: this bag has a larger volume than that on the driver's side.

WARNING

SEVERE DANGER: When an active passenger airbag is fitted, DO NOT install rearward facing child restraints on the front seat. Deployment of the airbag in an accident could cause fatal injuries to the baby regardless of the severity of the collision. Therefore, always release the passenger airbag when a rearward facing child restraint is installed on the passenger front seat. The front passenger seat must also be positioned back as far as possible in order to avoid the child restraint from coming into contact with the dashboard. Immediately reactivate the passenger airbag as soon as the child restraint system has been removed.



fig. 144 F0Y0112

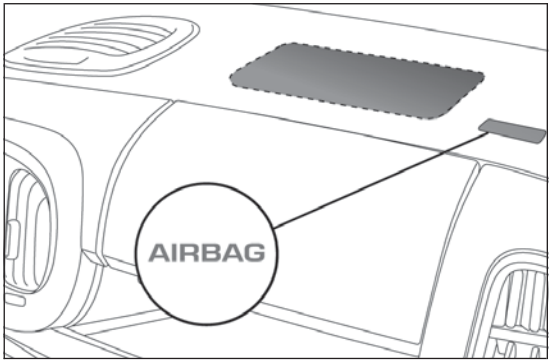


fig. 145 F0Y0113

Driver knee airbag
(for versions/markets, where provided)

It is located in a special compartment under the dashboard and has a dedicated cover fig. 146. It provides additional protection in the event of a frontal impact.



fig. 146 F0Y0207

Deactivation of passenger airbags: front airbag and seat-mounted side airbag for pelvis-chest-shoulder protection (for versions/markets, where provided)

If a child must be carried on the front seat in rearward facing child restrain system, deactivate the passenger front airbag and the seat-mounted bag for pelvis, chest and shoulder protection (for versions/markets, where provided).

With the airbags deactivated, the warning light switches on in the instrument panel.

IMPORTANT To deactivate the airbags see the description in the "Getting to know your car" chapter, "Menu Options" paragraph.

SIDE AIRBAGS: SEAT-MOUNTED SIDE AIRBAG (for versions/markets, where provided) AND WINDOW AIRBAG

To help increase occupants protection in the event of certain side impact collisions, the car is equipped with seat-mounted side airbags (for versions/ markets, where provided) and window airbag.

Seat-mounted side airbag

(for versions/markets, where provided)

These comprise two types of bags located in the front seat backrests fig. 147 which protect the pelvis, chest and shoulder area of the occupants in the event of a side impact of medium/high severity.

Window bag

This comprises a "curtain" bag located along both sides of the roof rails above the front and rear doors fig. 148 covered by special trims.

It is designed to protect the head of front and rear occupants in the event of a side impact, thanks to the wide cushion inflation surface.

The deployment of seat-mounted side airbags in the event of side impacts of low severity is not required.

In the event of a side impact, the system provides best protection if the passenger sits on the seat in a correct position, thus allowing correct window bag deployment.

IMPORTANT Do not affix rigid objects to the garment hooks or support handles.

IMPORTANT Do not rest your head, arms or elbows on the door, windows or the area in which the window bag is located to avoid possible injury during airbag inflation.

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

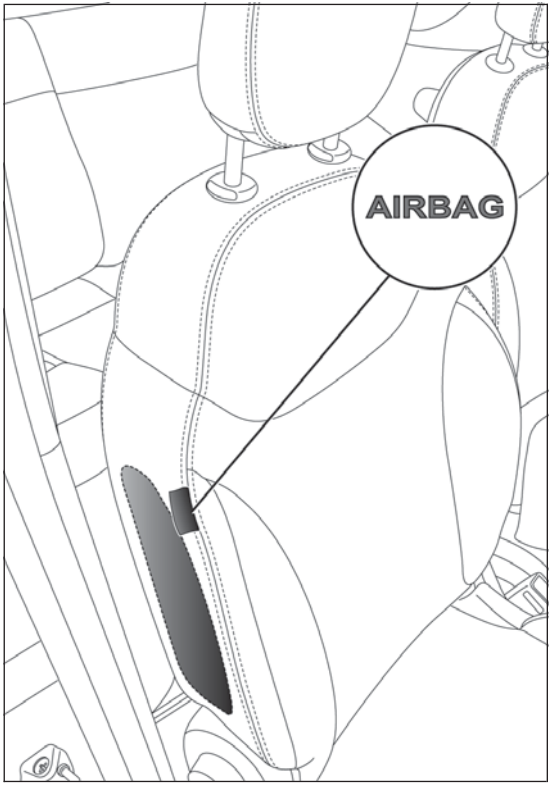


fig. 147 F0Y0090

IMPORTANT

Do not wash the seats with water or pressurised steam (by hand or at automatic seat washing stations).

The front airbags and/or seat-mounted side airbags may be deployed if the car is subject to violent impacts involving the underbody area (e.g. violent impacts against steps or kerbs, big holes or dips in the road etc.).

When the airbag deploys it emits a small amount of dust: the dust is harmless and does not indicate the beginning of a fire. The dust may irritate the skin and eyes however: in this case, wash with neutral soap and water.

Airbag checking, repair and replacement must be carried out at a Fiat Dealership.



fig. 148 F0Y0206

If the car is scrapped, have the airbag system deactivated at a Fiat Dealership.

Pretensioners and airbags are deployed in different ways, according to the type of impact. Failure to deploy of one or more of the devices does not indicate a system malfunction.

WARNING

If, when the key is turned to MAR-ON, the warning light does not switch on or stays on whilst driving, a fault may have occurred in the restraint systems. In this case the airbags or pretensioners may not be deployed in an impact or, in a lower number of cases, they may be deployed accidentally. Before continuing, contact a Fiat Dealership immediately to have the system checked.

WARNING

For versions/markets where provided, in the event of warning light failure, the warning light switches on and the explosive charges of the passenger airbag are deactivated.

WARNING

On cars with seat-mounted side airbags, do not cover the front seat backrests with extra covers.

WARNING

Do not travel carrying objects in your lap, in front of your chest or between your lips (pipe, pencils, etc.). They could cause severe injury if the airbag is deployed.

WARNING

If the car has been stolen or in the case of attempt to steal it, if it has been subjected to vandalism or floods, have the airbag system checked by a Fiat Dealership.

WARNING

The airbags may also be deployed when the car is not moving, if the key is in the ignition and turned to MAR-ON or when the engine is off, if the car is hit by another moving vehicle. Therefore, even if the car is stationary, when an active passenger airbag is fitted, DO NOT install on the passenger seat child restraint systems to be fitted rearward facing on the front seat. Deployment of the airbag following an impact could cause fatal injuries to the child. Therefore, always release the passenger airbag when a rearward facing child restraint is installed on the passenger front seat. The front passenger seat must also be positioned back as far as possible in order to avoid the child restraint from coming into contact with the dashboard. Immediately reactivate the passenger airbag as soon as the child restraint system has been removed. Also remember that, if the key is turned to STOP, none of the safety devices (airbags or pretensioners) will be deployed in the event of collision. Non-deployment of these devices does not indicate a system malfunction.

WARNING

When the ignition key is turned to MAR-ON, the warning light switches on for a few seconds to remind you that the passenger airbag will be deployed in an impact, after which, with airbag active, it should switch off.

WARNING

The flashing light flashes to indicate a failure of the warning light: in this case, the pyrotechnic charges of the passenger airbag are deactivated. Contact a Fiat Dealership immediately to have the system checked.

WARNING

The airbag deployment threshold is higher than that of the pretensioners. For collisions in the range between the two thresholds, it is normal for only the pretensioners to be activated.

WARNING

The airbag does not replace seat belts but increases their efficiency. Because front airbags are not deployed for low-speed crashes, side collisions, rear-end shunts or rollovers, occupants are protected, in addition to any seat-mounted side airbags, only by their seat belts, which must therefore always be fastened.

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STARTING THE ENGINE

PROCEDURE FOR PETROL VERSIONS (0.9 TwinAir 105 HP versions excluded)

Proceed as follows:

❒ engage the handbrake and place the gearbox lever in neutral;

❒ fully press the clutch pedal without touching the accelerator;

❒ turn the ignition key to AVV and release it as soon as the engine starts.

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

If, when the ignition key is at MAR-ON, the instrument panel warning light remains on together with the warning light , turn the key to STOP and then back to MAR-ON. If the warning light remains on, try the other keys provided with the vehicle.

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

Never leave the ignition key in MAR-ON position when the engine is stopped.

Engine starting for 0.9 TwinAir 105 HP versions

Proceed as follows:

❒ engage the handbrake and place the gear lever in neutral or fully press the clutch pedal if a gear other than neutral is engaged;

❒ turn the ignition key to AVV and release it as soon as the engine starts.

Note If the vehicle does not start at the first attempt, return the ignition key to STOP and repeat the starting procedure placing the gear lever in neutral and fully pressing the clutch pedal.

If, when the ignition key is at MAR-ON, the instrument panel warning light remains on together with the warning light , turn the key to STOP and then back to MAR-ON. If the warning light remains on, try the other keys provided with the vehicle.

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

Never leave the ignition key in MAR-ON position when the engine is stopped.

PROCEDURE FOR DIESEL VERSIONS

Proceed as follows:

- ❒ engage the handbrake and place the gearbox lever in neutral;
- ❒ turn the ignition key to MAR-ON: the warning lights and on the instrument panel will turn on;
- ❒ wait for the warning lights and to switch off;
- ❒ fully press the clutch pedal without touching the accelerator;
- ❒ turn the ignition key to AVV as soon as warning light switches off. Waiting too long will waste the heating work carried out by the plugs. Release the key as soon as the engine starts.

IMPORTANT With cold engine, the accelerator must be entirely released when turning the ignition key to position AVV.

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

If, when the ignition key is at MAR-ON the warning light remains lit, turn the key to STOP and then back to MAR-ON. If the warning light remains lit, try with the other keys provided with the car.

Contact the Fiat Dealership if the engine still will not start.

Warning light flashing for 60 seconds after starting or during prolonged cranking of the engine indicates a fault with 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.

WARNING

It is dangerous to run the engine in enclosed areas. The engine takes in oxygen and releases carbon dioxide, carbon monoxide and other toxic gases.

WARNING

Remember that the brake servo 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.

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



When the engine is switched off never leave the key turned to MAR-ON to prevent useless current absorption from draining the battery.



Never jump start the engine by pushing, towing or coasting downhill. This could cause fuel to flow into the catalytic converter and damage it beyond repair.

WARMING UP THE ENGINE JUST AFTER IT HAS STARTED

Proceed as follows:

- ❒ drive off slowly, letting the engine turn at medium revs. Do not accelerate abruptly;
- ❒ do not demand full performance at first. Wait until the engine coolant temperature gauge starts moving.

ENGINE SWITCHING OFF

Turn the ignition key to STOP while the engine is idling.

IMPORTANT After a demanding drive, before turning the engine off you should allow it to idle to allow the temperature in the engine compartment to decrease.



A quick burst on the accelerator before turning off the engine serves absolutely no practical purpose, it wastes fuel and is especially damaging to turbocharged engines.

PARKING

Proceed as follows:

❒ stop the engine and engage the handbrake;

❒ engage a gear (first gear if parked uphill or reverse if facing downhill) and leave the wheels turned.

If the car is parked on a steep slope, it is also advisable to block the wheels with a wedge or stone.

Do not leave the key in the ignition switch to prevent the battery from running down.

WARNING

Never leave children unattended in the car. Always remove the key from the ignition when leaving the car and take it with you.

HANDBRAKE

The handbrake lever is located between the front seats.

Pull lever A upwards to operate the handbrakefig. 149, until the car is braked.

Four or five clicks are generally enough when the car is on level ground, while ten or eleven may be required if the car is on a steep slope and laden.

WARNING

If this is not the case, contact a Fiat Dealership for adjustment.

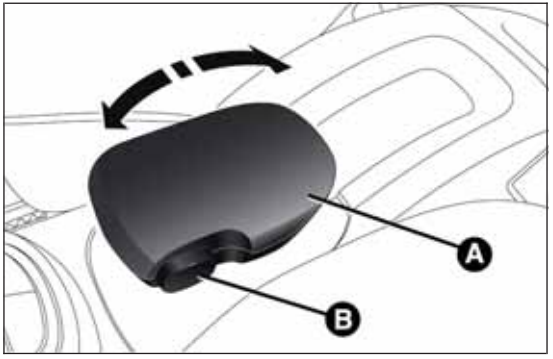


fig. 149 F0Y0047

When the handbrake is engaged and the ignition key is on MAR-ON, the instrument panel warning light (!) will switch on.

Proceed as follows to release the handbrake:

❒ slightly lift the lever and press release button B;

❒ hold button B down and lower the lever: the (!) warning light on the instrument panel switches off.

Press the brake pedal when carrying out this operation to prevent the car from moving accidentally.

IMPORTANT For cars equipped with a front armrest, lift this up to ensure that it does not interfere with the action of the handbrake.

USING THE GEARBOX

To engage the gears, fully depress the clutch pedal and put the gear lever into the required position (the diagram is shown on the knob fig. 150).

For 0.9 TwinAir Turbo 105 HP and 1.4 16V versions, to engage reverse R from neutral, lift the ring A fig. 150 under the knob and shift the lever to the right and back.

For 1.3 16V MultiJet version: to engage reverse R from neutral position, shift the lever to the right and then back.

For 1.6 16V MultiJet version: to engage reverse R from neutral, lift ring A fig. 150 under the knob and at the same time move the lever to the left and then forwards.

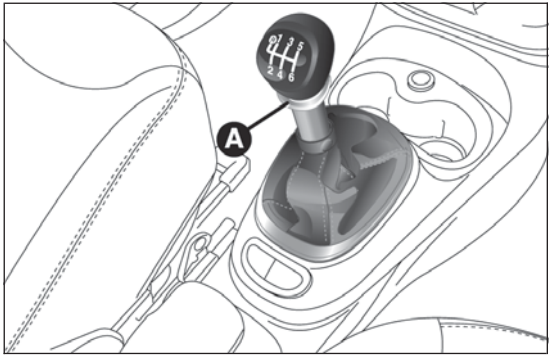


fig. 150 F0Y0136

To engage 6th gear (for versions/markets where provided), push firmly to the right when operating the lever in order to avoid selecting 4th gear by mistake. The same applies to the shift from 6th to 5th gear.

IMPORTANT Reverse can only be engaged when the car is completely stationary. With the engine running, wait for at least 2 seconds with the clutch pedal fully pressed before engaging reverse to prevent damage to the gears and grating.

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



WARNING

Depress the clutch pedal fully to change gear correctly. It is therefore essential that there is nothing under the pedals: make sure the 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 of the gearbox internal components.

SAVING FUEL

Here are some suggestions which can help you to save fuel and lower harmful emissions.

GENERAL CONSIDERATIONS

Car maintenance

Have checks and adjustments carried out in accordance with the "Scheduled Servicing Plan".

Tyres

Check the tyre pressures at least once every 4 weeks: if the pressure is too low, consumption levels increase as resistance to rolling is higher.

Unnecessary loads

Do not travel with an overloaded boot. The weight of the car and its arrangement greatly affect fuel consumption and stability.

Roof rack/ski rack

Remove the roof rack or ski rack from the roof if not in use. These accessories lower aerodynamic penetration and adversely affect consumption levels. When transporting particularly large objects, use a trailer if possible.

Electrical devices

Only use electrical devices for the amount of time needed. The heated rear window, additional headlights, windscreen/rear window wipers and heater fan need a considerable amount of energy, therefore increasing fuel consumption (by up to 25% in the urban cycle).

Climate control system

The use of the climate control system leads to higher fuel consumption. If the temperature outside permits, try to use ventilation only.

Devices for aerodynamic control

The use of non-certified devices for aerodynamic control may adversely affect air drag and fuel consumption.

DRIVING STYLE

Starting

Do not warm up the engine at low or high revs when the car is stationary; this causes the engine to warm up more slowly, thereby increasing fuel consumption and emissions.

It is advisable to set off immediately and slowly, avoiding high revs: this allows the engine to warm up more quickly.

Unnecessary actions

Avoid revving up when at traffic lights or before stopping the engine. This and also double declutching is absolutely pointless on modern cars and also increases consumption and pollution.

Gear selection

Use a higher gear as soon as traffic and road conditions allow. Using a low gear for faster acceleration will increase consumption.

In the same way improper use of a high gear increases consumption, emissions and engine wear.

Maximum speed

Fuel consumption increases considerably with speed. Keep speed as constant as possible, avoiding unnecessary braking and acceleration, which have a significant cost in terms of both fuel consumption and emissions.

Acceleration

Sudden acceleration has a very negative effect on fuel consumption and emissions: accelerate gradually.

CONDITIONS OF USE

Cold starting

Short distances and frequent cold start-ups will prevent the engine from reaching optimal running temperature.

Consequently, both consumption (from +15 to +30% on urban cycle) and emissions will increase.

Traffic and road conditions

Rather high fuel consumption is caused by heavy traffic, for instance when travelling in a queue with frequent use of low gears or in large towns with many traffic lights.

Mountain and rough roads also have a negative effect on fuel consumption.

Stops in traffic

During prolonged stops (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 type-approved tow hook and an adequate electrical system. Installation must be carried out by a specialist.

Install any specific and/or additional rear view mirrors as specified by the Highway Code.

Remember that when towing a trailer, steep hills are harder to climb, braking distances increase and overtaking takes longer depending on the overall weight of the trail.

Engage a low gear when driving downhill, rather than constantly using the brake.

The weight of the trailer on the car's tow hook will reduce the load capacity of the car by the same amount. To make sure that the maximum towable weight is not exceeded (given in the car registration document) account should be taken of the fully laden trailer, including accessories and luggage.

Respect the speed limits specific to each country for vehicles towing trailers. In any case, the top speed must not exceed 100 km/h.

Any electric brake or other device (winch etc.) should be powered directly by the battery through a cable with a cross-section of no less than 2.5 mm^2.

In addition to the electrical branches, the car's electrical system can be connected only to the supply cable for an electric brake and to the cable for an internal trailer light, though not more than 15 W. To connect, use the preset control unit with a battery cable with cross-section no less than 2.5 mm^2.

IMPORTANT The use of auxiliary loads other than external lights (electric brake, winch, etc.) must occur with engine running.

IMPORTANT To install a tow hook contact a Fiat Dealership.

WARNING

The ABS with which the car may be equipped will not control the braking system of the trailer. Particular caution is required on slippery roads.

WARNING

Never modify the braking system of the car to control the trailer brake. The trailer braking system must be fully independent of the car's hydraulic system.

INSTALLING A 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 Directive 94/20/EC and subsequent amendments.

For any version the towing device used must be right for the towable weight of the car on which it is to be installed.

For the electrical connection a standard 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 must be installed on the car.

7 or 13-pin 12 V DC connections should be used (CUNA/UNI and ISO/DIN Standards). Follow any instructions provided by the car manufacturer and/or the towing device manufacturer.

Installation diagram for basic versions fig. 151

The tow hook structure must be fastened in the points shown in the figure with a total amount of 8 fastening points to the body.

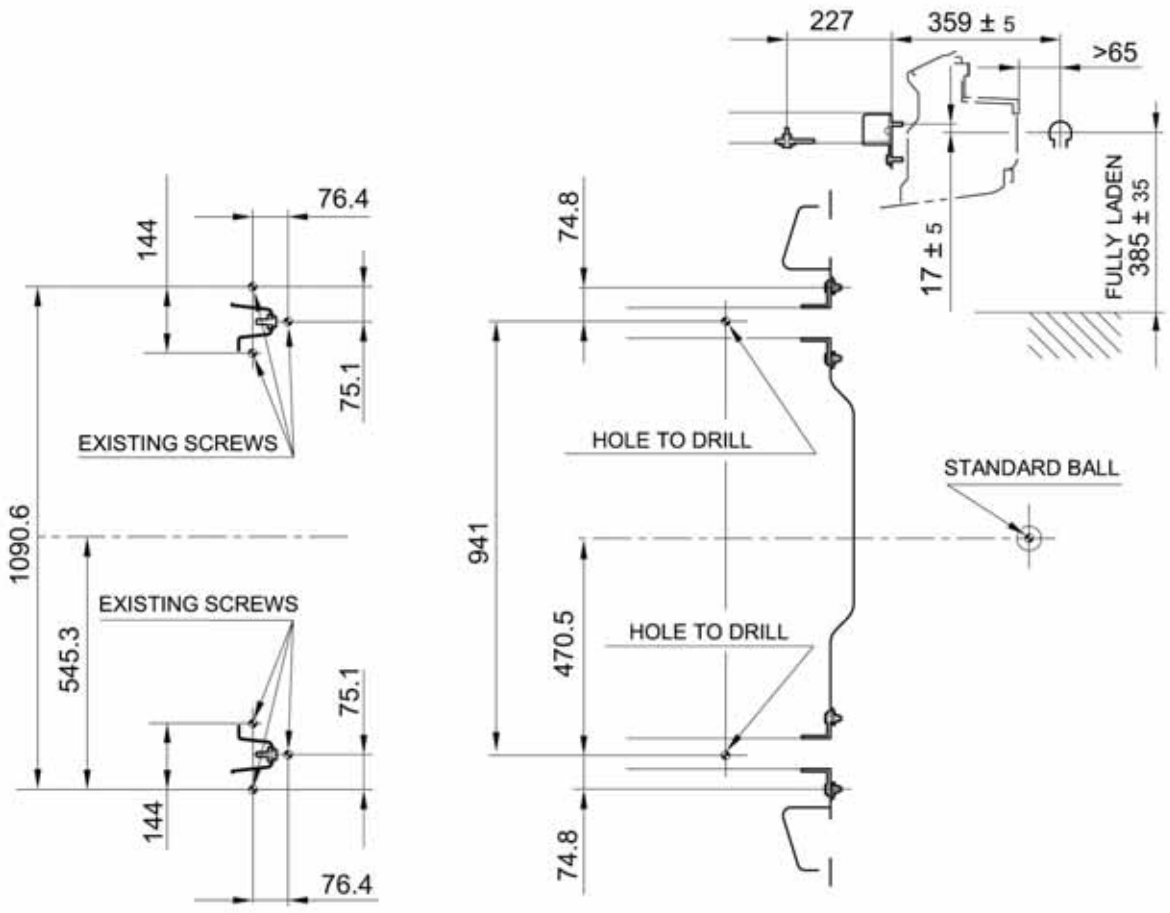


fig. 151

F0Y1116

Installation diagram for Trekking versions fig. 152

The tow hook structure must be fastened in the points shown in the figure with a total amount of 8 fastening points to the body.

WARNING

After fitting, screw holes must be sealed to prevent a exhaust gas inlet.

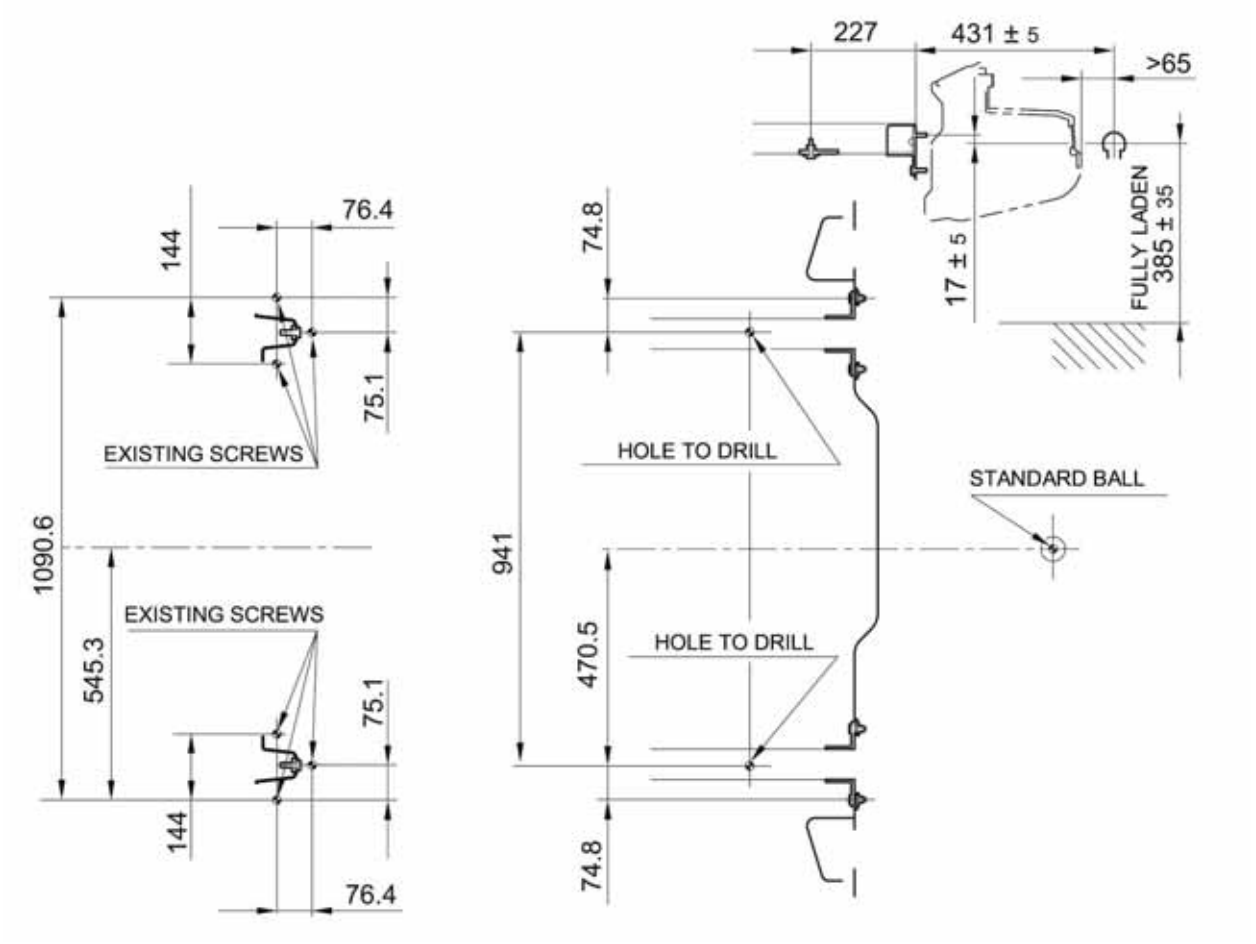


fig. 152

F0Y1115

SNOW TYRES

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

A Fiat Dealership will be happy to provide advice concerning the most suitable type of tyre for the customer's requirements.

For the type 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 performance of these tyres is considerably reduced when the tread thickness is less than 4 mm. Replace them in this case.

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

Their usage should therefore be restricted in accordance with their type-approval; always comply with specific local regulations relating to the use of snow tyres.

All four tyres should be the same (brand and track) to ensure greater safety when driving and braking and better driveability. Remember that you should not change the rotation direction of the tyres.

WARNING

The maximum speed for snow tyres marked "Q" is 160 km/h, while it is 190 km/h for "T" tyres and 210 km/h for "H" tyres. The highway code speed limits must however always be complied with.

SNOW CHAINS

The use of snow chains should be in compliance with local regulations.

Snow chains may be fitted to the tyres of the front wheels (drive wheels) only.

Check the tension of the snow chains after the first few metres have been driven.

17" tyres cannot be fitted with chains. For other tyres (15" and 16") fit only reduced size snow chains with a maximum projection of 9 mm beyond the tyre profile.

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



Keep your speed down when snow chains are fitted; do not exceed 50 km/h. Avoid potholes, steps and pavements and avoid driving for long distances on roads not covered with snow to prevent damaging the car and the roadbed.

STORING THE CAR

If the car is to be left inactive for longer than a month, the following precautions should be followed:

- ❒ park the car in covered, dry and if possible well-ventilated premises and slightly open the windows;
- ❒ engage a gear and check that the handbrake is not engaged;
- ❒ disconnect the negative battery terminal (for versions with Start&Stop system refer to the paragraph "Start&Stop system" in the chapter "Knowing your car"); If the battery is not disconnected the from the electrical system, check its charge every thirty days;
- ❒ clean and protect the painted parts using protective wax;
- ❒ clean and protect the shiny metal parts using special compounds available commercially;
- ❒ sprinkle talcum powder on the rubber windscreen and rear window wiper blades and lift them off the glass;
- ❒ 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 standard specified pressure and check it at intervals;
- ❒ do not drain the engine cooling system.

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WARNING LIGHTS AND MESSAGES

GENERAL WARNINGS

The warning light switches on together with a dedicated message and/or acoustic signal when applicable. These indications are **concise and precautionary** and, as such, must not be considered as exhaustive and/or an alternative to the information contained in this Owner Handbook, which you are advised to read carefully in all cases. In the event of a failure indication, **always refer to the contents of this chapter**.

IMPORTANT Failure indications displayed are divided into two categories: **very serious** and **less serious** failures.

Very serious failures are indicated by a repeated and prolonged warning "cycle".

Less serious failures are indicated by a shorter warning "cycle".

The displaying cycle of both failure categories can be stopped by pressing the button SET. The control panel warning light will stay on until the cause of the malfunction is eliminated.



BRAKE FLUID LOW (red) / HANDBRAKE ENGAGED (red)

Turning the key to the MAR-ON position illuminates the warning light, but it should switch 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 a possible leak in the circuit. On some versions the display shows the dedicated message.



WARNING

If the (!) warning light switches on while driving, stop immediately and contact a Fiat Dealership.

HANDBRAKE ENGAGED

When the key is turned to MAR position, the warning light switches on but should switch off after a few seconds.

The warning light (or symbol on the display) switches on when the handbrake is engaged. If the car is moving the buzzer will also sound.

IMPORTANT If the warning light comes on when the car is in motion, check that the handbrake is not on.



EBD FAILURE (red) (amber)

The simultaneous switching on of the (!) (red), (ABS) (amber) and **ESC** warning lights with the engine on, indicates either a failure of the EBD system or that the system is not available.

In this case, the rear wheels may suddenly lock and the vehicle may swerve when braking sharply.

A dedicated message is displayed on certain versions.

Drive very carefully to the nearest Fiat Dealership to have the system inspected immediately.



ABS SYSTEM FAILURE (amber)

Turning the key to the MAR-ON position illuminates the warning light, but it should switch off after a few seconds.

The warning light switches on (on some versions, together with a message and a symbol on the display) when the system is not efficient. In this case the braking system maintains its efficiency unaltered but without the advantage of the ABS system.

Drive carefully and contact a Fiat Dealership as soon as possible.



AIRBAG FAILURE (red)

Turning the key to the MAR-ON position illuminates the warning light, but it should switch off after a few seconds.

The warning light switches on constantly (on some versions, together with a message and a symbol on the display) to indicate an airbag system fault.



WARNING

If the warning light does not come on when the key is turned to the MAR-ON position or if it remains lit while driving, there may be a problem with the airbag restraint system. In this case, the airbags or pretensioners may not be activated in the event of an accident or, in a more limited number of cases, may be activated when not necessary. Before continuing, contact a Fiat Dealership immediately to have the system checked.

WARNING

A fault with the warning light is indicated by flashing of the warning light, which signals the deactivation of the passenger side front airbag. In addition, the airbag system automatically disables the airbags on the passenger's side (both front and side airbags - for versions/markets, where provided). In this case, the warning light may not indicate a possible problem with the airbag restraint system. Before continuing, contact a Fiat Dealership immediately to have the system checked.



PASSENGER/SIDE AIR BAGS DEACTIVATED (amber)

The warning light switches on when the front passenger's airbag and side bag are disabled.

With key at MAR-ON, the warning light switches on constantly for a few seconds and switches off only if the front airbags/side bags are activated.

WARNING

A failure of the warning light is indicated by warning light switching on. In addition, the airbag system automatically disables the airbags on the passenger's side (both front and side airbags - for versions/markets where provided). Before continuing, contact a Fiat Dealership immediately to have the system checked.



UNFASTENED SEAT BELTS (red)

(for versions/markets, where provided)

The warning light switches on constantly with the car stationary and the driver's side or passenger side seat belt (when the passenger is present) not fastened.

The warning light will flash and a buzzer will sound if the vehicle is in motion and the front seat belts are not correctly fastened.

For permanent deactivation of the SBR (Seat Belt Reminder) system buzzer, contact a Fiat Dealership. The system can be reactivated at any time using the Setup menu (see the description in the chapter "Knowing you car").



LOW BATTERY CHARGE (red)
(for versions/markets, where provided)

When the ignition key is moved to MAR, the warning light switches on but should switch off as soon as the engine is started (with the engine idling, a brief delay can be expected).

If the warning light (or, on some versions, a message and a symbol on the display) remains on constantly or flashing, contact a Fiat Dealership.



CONTINUOUSLY ON: LOW ENGINE OIL PRESSURE (red)

ON FLASHING: ENGINE OIL DETERIORATED
(only Diesel versions with DPF - red)

When the ignition key is moved to MAR, the warning light switches on but should switch off as soon as the engine is started.

1. Insufficient engine oil pressure

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



WARNING

If the warning light turns on whilst driving (on certain versions together with the message on the display) stop the engine immediately and contact a Fiat Dealership.

2. Engine oil deteriorated
(only Diesel versions with DPF)

The warning light will flash and a dedicated message will appear on the display (for versions/markets, where provided).

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

❒ 1 minute every two hours;

❒ cycles of 3 minutes with intervals with the warning light off for 5 seconds until the oil is changed.

After the first indication, at each engine start-up the warning light will continue flashing as described above until the oil is changed. On some versions, the display shows a dedicated message together with the warning light.

The flashing of the warning light should not be considered as a fault, it simply informs the customer that the oil needs to be changed following normal car use.

Remember that the deterioration of the engine oil is accelerated by:

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

WARNING

If the warning light switches on, the deteriorated engine oil must be changed as soon as possible, and never more than 500 km from the first time that the warning light switches on. Failure to observe the above may result in severe damage to the engine and invalidate the warranty. The activation of this warning light is not related to the amount of oil in the engine. Therefore, never top up with oil when the warning light starts flashing.



HOT ENGINE COOLANT (red)

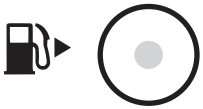
Turning the key to the MAR-ON position illuminates the warning light, but it should switch off after a few seconds.

The warning light switches on (on some versions together with a message and a symbol on the display) when the engine is overheated.

If the warning light comes on when driving, proceed as follows:

- ❒ **when driving normally:** stop the car, switch off the engine and check that the water level in the reservoir is not below the MIN mark. If it is, wait for the engine to cool down, then slowly and carefully open the cap, top up with coolant and check that the level is between the MIN and MAX marks on the reservoir. Also check visually for any fluid leaks. If, when restarting, the warning light comes on again, contact a Fiat Dealership;
- ❒ **if the vehicle is used under demanding conditions** (e.g. towing trailers uphill or fully loaded): slow down and, if the light stays on, stop the car. Wait for 2 or 3 minutes with the engine running and slightly accelerated to further favour the coolant circulation. Then stop the engine. Check the correct coolant level as described above. Should the level of fluid be too low, top up (for the quantity and type of fluid to use, see the description in the "Refuelling" paragraph in the "Technical specifications" chapter).

IMPORTANT Over demanding routes, it is advisable to keep the engine on and slightly accelerated for a few minutes before switching it off.



FUEL RESERVE – LIMITED RANGE (amber)

This warning light comes on when about 6 to 8 litres of fuel are left in the tank. When the remaining range is lower to approx. 50 km (or equivalent value in miles), on some versions, the display will show a warning message.

IMPORTANT The warning light will flash to indicate a system failure. If this is the case, go to a Fiat Dealership to have the system checked.



EOBD/INJECTION SYSTEM FAILURE (amber)

In normal conditions, the warning light switches on when the key is turned to MAR (on some versions, with a message on the display), but should switch off as soon as the engine is started.

If the warning light remains on or switches on whilst driving, the injection system is not working properly; in particular, if the warning light switches on constantly, this indicates a malfunction in the supply/ignition system that could cause excessive exhaust emissions, a possible loss of performance, poor driveability and high fuel consumption.

Under these conditions, you may continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the car with the warning light on constantly may cause damage: contact a Fiat Dealership as soon as possible.

The warning light goes out after the fault disappears, but the notification is stored in the system.

NOTE (valid only for petrol engines)

If the warning light is flashing, the catalytic converter could be damaged.

In this case, it is necessary to 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 and contact a Fiat Dealership as soon as possible.



Go to a Fiat Dealership as soon as possible if warning light either does not light up when the key is turned to MAR-ON or if while travelling the warning light switches on or flashes (along with a message and a symbol on the display on some versions). The exhaust emission levels may be checked by the traffic control authorities using the appropriate equipment. Comply with the laws and regulations of the country where you are driving.

ESC SYSTEM FAILURE (amber)

(for versions/markets, where provided)

Turning the key to the MAR-ON position illuminates the warning light, but it should switch off after a few seconds.

If the warning light does not switch off or remains on (together with a message and a symbol on the display on some versions) whilst driving, contact a Fiat Dealership.

Flashing of the warning light whilst driving indicates the action of the ESC system.

Hill Holder failure

This warning light comes on, on some versions together with the symbol and a message in the display, in the event of a fault with the Hill Holder system. In this case, contact a Fiat Dealership.

Traction Plus failure

(for versions/markets, where provided)

If the Traction Plus system is faulty, the **ESC** warning light on the instrument panel switches on constantly.

FIAT CODE SYSTEM FAILURE (amber)

(for versions/markets, where provided)

The warning light switches on (on some versions, together with a message and a symbol on the display) to indicate a Fiat CODE system failure: in this case contact a Fiat Dealership as soon as possible.

GLOW PLUG HEATING/GLOW PLUG HEATING FAILURE (Diesel versions) (amber)

GLOW PLUG HEATING

This warning light switches on when the key is turned to MAR-ON. It will switch off as soon as the heater plugs have reached the preset temperature.

The engine can be started as soon as the warning light switches off.

IMPORTANT At high ambient temperatures the warning light may stay on for an extremely short time.

GLOW PLUG HEATING FAILURE

The warning light will flash (on some versions, together with a message and a symbol on the display) to indicate a fault in the plug preheating system.

Contact a Fiat Dealership to have the fault fixed as soon as possible.



"DUALDRIVE" ELECTRIC POWER STEERING FAILURE (red)

During the engine start

When the key is turned to MAR-ON, the warning light switches on, but it should switch off after a few seconds. If the warning light stays on, turn the ignition key to STOP position and start the engine again.

If the warning light stays on (on some versions, together with a message and a symbol on the display), the effort to operate the steering wheel could be increased; steering is, however, possible.

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

While driving

If the warning light switches on whilst driving (on some versions, together with a message and a symbol on the display) you may not have steering assistance.

Although it will still be possible to steer the car, the effort needed to operate the steering wheel could be increased: contact a Fiat Dealership as soon as possible.

IMPORTANT In some circumstances, factors independent of the electric power steering could cause the warning light on the instrument panel to switch on. In this case, stop the car immediately (should it be in motion), stop the engine for about 20 seconds and then restart the engine. If the warning light (or, on some versions, a message and a symbol on the display) remains on constantly, contact a Fiat Dealership.

IMPORTANT After the battery is disconnected, the steering must be initialised. The warning light switches on to indicate this. To carry out this procedure, simply turn the steering wheel all the way from one end to the other or drive in a straight line for about a hundred metres.



CRUISE CONTROL (green)

(for versions/markets, where provided)

This warning light switches on when the ignition key is turned to MAR, but it should switch off after a few seconds, if the Cruise Control is deactivated.

The warning light switches on when the Cruise Control ring nut is turned to position (see the "Cruise Control" paragraph in the "Knowing your car" chapter).

A specific message is displayed on certain versions.



SPEED LIMITER (green)

(for versions/markets, where provided)

This warning light switches on when the key is turned to MAR-ON, but it should switch off after a few seconds, if the "Speed limiter" is deactivated.

Activation

The warning light switches on when the Cruise Control ring nut is turned to position (see the “Cruise Control” paragraph in the "Knowing your car" chapter).

On some versions, the intervention of the system is indicated by a message and a symbol shown on the display and by the last stored car speed.

Deactivation

The deactivation of the system is indicated by the warning light switching off on the display and, on some version, by the display of a message and OFF symbol.



DPF (PARTICULATE FILTER) BEING CLEANED

(only Diesel versions with DPF) (amber)

Turning the key to the MAR-ON position illuminates the warning light, but it should switch off after a few seconds.

The warning light (on some versions, together with a message and a symbol on the display) switches on constantly to notify the driver that the DPF system needs to eliminate captured pollutants (particulate) through the regeneration process.

The warning light does not come on during every DPF regeneration, but only when driving conditions require that the driver is notified.

To switch the warning light off, the car must be kept moving until the regeneration process is completed.

As an average, the process lasts fifteen minutes. The best conditions to complete the regeneration process are reached driving the car at about 60 km/h with engine speed over 2000 rpm.

When this warning light switches on, it does not indicate a car failure and thus it should not be taken to a workshop. On some versions, together with the warning light switching on, the display shows a dedicated message.

WARNING

Vehicle travel speed should always be adapted to the traffic and weather conditions, and must always comply with traffic regulations. The engine can be stopped even if the DPF warning light is on: however, repeated interruptions of the regeneration process could cause premature deterioration of the engine oil. For this reason, it is always advisable to wait for the warning light to go off before turning the engine off, following the instructions appearing above. Do not complete the DPF regeneration process when the vehicle is stopped.



GENERIC FAILURE INDICATION (amber)
(for versions/markets, where provided)

The warning light switches on in the following circumstances. In these cases contact a Fiat Dealership to have the fault fixed as soon as possible.

Speed limit exceeded
(for versions/markets, where provided)

The warning light switches on when the speed limit set in the Setup menu is exceeded.

When the car exceeds this value, on some versions a message and a symbol are shown on the display and an acoustic signal is emitted.

Fuel cut-off system intervention/fault
(for versions/markets, where provided)

The warning light switches on (together with a message on the display) in the event of fuel cut-off system intervention/fault.

Exterior lights failure

The warning light will come on when a fault to one of the following lights is detected:

- ❒ daytime running lights (DRLs) (for versions/markets, where provided);
- ❒ side lights;
- ❒ direction indicators;
- ❒ rear fog light;
- ❒ reversing light;
- ❒ number plate lights;
- ❒ brake lights (for versions with multifunction display only).

The failure relating to these lights could be: one or more blown bulbs, a blown protection fuse or a break in the electrical connection.

DST (Dynamic Steering Torque or steering corrector) system failure

The warning light switches on (together with a message on the display) when a DST (steering corrector) system failure is detected.

Water in diesel filter

The warning light switches on (together with a message on the display) to indicate the presence of water in the diesel filter.

Start&Stop failure
(for versions/markets, where provided)

The warning light switches on (together with a message on the display) when a Start&Stop system failure is detected.

LPG/methane level sensor failure
(for versions/markets, where provided)

The warning light switches on (together with a message on the display) when an LPG/methane level sensor failure is detected.

Temporary or permanent City Brake Control - "Collision Mitigation" system failure
(for versions/markets, where provided)

The warning light switches on (together with a message on the display) when a temporary or permanent City Brake Control - "Collision Mitigation" system failure is detected.

Rain sensor failure
(for versions/markets, where provided)

The warning light switches on (together with a message on the display) when a rain sensor failure is detected.

Park Assist failure
(for versions/markets, where provided)

The warning light switches on (together with a message on the display) when a Park Assist system failure is detected.

Dusk sensor failure
(for versions/markets, where provided)

The warning light switches on (together with a message on the display) when a dusk sensor failure is detected.

Engine oil pressure sensor failure

Versions with multifunction display: engine oil pressure sensor failure is indicated by the activation of the warning light on the instrument panel.

Versions with reconfigurable multifunction display: the engine oil pressure sensor failure is indicated by the display icon switching on.



HEATED REAR WINDOW (amber)

The warning light turns on when switching the heated rear window on.



HEATED WINDSCREEN (amber)
(for versions/markets where provided)

The warning light switches on by activating the heated windscreen (see "Automatic dual-zone climate control system" paragraph in "Knowing your car" chapter).



SIDE LIGHTS AND DIPPED HEADLAMPS (green)/FOLLOW ME HOME (green)

SIDE LIGHTS AND DIPPED HEADLAMPS

The warning light comes on when side/tail lights or dipped headlamps are turned on.

FOLLOW ME HOME

The warning light switches on (on some versions, together with a message and a symbol in the display) when this device is used (see the "Follow Me Home" paragraph in the "Knowing your car" chapter).



MAIN BEAMS (blue)

The warning light switches on when the main beams are turned on.



LEFT-HAND DIRECTION INDICATOR (green) (intermittent)

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



RIGHT-HAND DIRECTION INDICATOR (green) (intermittent)

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



"DUALDRIVE" ELECTRIC POWER STEERING ON (green)

The CITY indication appears (an icon appears on the display on some versions) when "Dualdrive" electric power steering is activated by pressing the corresponding button (see the "Dualdrive electric power steering" paragraph in "Knowing your car" chapter).

The indication CITY (or the symbol on the display) disappears when the button is pressed again.



DOORS/BONNET/LUGGAGE COMPARTMENT OPEN (red)

The warning light switches on (on some versions together with a message and a symbol on the display) when one or more doors, the bonnet or the tailgate are not properly closed.

An acoustic signal is emitted with the doors open and the car moving.



City Brake Control - "Collision Mitigation" SYSTEM DEACTIVATED (amber)

(for versions/markets where provided)

The warning light switches on when the City Brake Control - "Collision Mitigation" system is deactivated through the Setup Menu (see paragraph "Menu Items", chapter "Knowing your car).

START&STOP SYSTEM ACTIVATION/ DEACTIVATION

Start&Stop system activation

A message will appear on the display when the Start&Stop system is activated.

In this condition the LED on the Ⓐ button on the dashboard control panel (see "Start&Stop" paragraph in "Knowing your car" chapter) is off.

Turning the Start&Stop off

❒ *Versions with reconfigurable multifunction display:* a message appears on the display when the Start&Stop system is deactivated.

❒ *Versions with reconfigurable multifunction display:* the Ⓐ symbol and a dedicated message appear on the display when the Start&Stop system is deactivated.

The LED above the Ⓐ button is on when the system is deactivated.

START&STOP SYSTEM FAILURE

Versions with multifunction display

Start&Stop system failure is indicated by the switching on of the ⚠ warning light (for versions/markets, where provided) on the instrument panel and a message on the display.

Versions with reconfigurable multifunction display

The ⓘ symbol and a dedicated message appear on the display when a failure in the Start&Stop system is detected.

In the event of a Start&Stop system failure, contact a Fiat Dealership.

TRACTION PLUS SYSTEM ACTIVATION/DEACTIVATION

(for versions/markets, where provided)

Traction Plus system activation/deactivation by pressing the corresponding button (see the "Traction Plus system" paragraph in the "Knowing your car" section) is indicated by a message on the display.

IN AN EMERGENCY

In an emergency we recommend that you call the free-phone number found on the Warranty Booklet. You can also go to the www.fiat.com website to find your nearest Fiat Dealership.

STARTING THE ENGINE

Contact to a Fiat Dealership immediately if instrument panel warning light comes on constantly.

JUMP STARTING

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

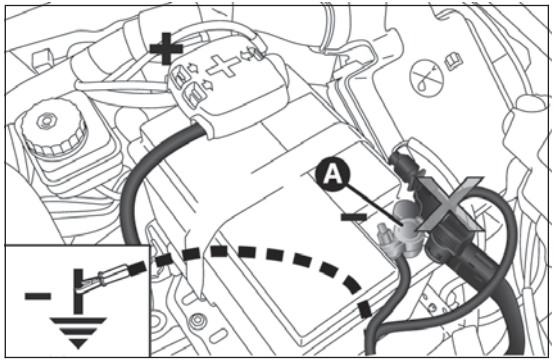


fig. 153 F0Y0137

Proceed as follows to start the car:

- connect the positive terminals (**+** near the terminal) of the two batteries with a jump lead fig. 153;
- with a second lead, connect the negative terminal **–** of the auxiliary battery to an earth 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.

For versions with Start&Stop system, to carry out the jump starting procedure, refer to the paragraph "Start&Stop system" in the "Getting to know your car" section.

If after a few attempts the engine does not start, do not persist but contact a Fiat Dealership.

IMPORTANT Do not directly connect the negative terminals of the two batteries: sparks could ignite explosive gas released from the battery. If the auxiliary battery is installed on another car, prevent accidental contact between metallic parts of the two cars.

Never use a fast battery-charger to start the engine as this could damage the electronic systems of your car, particularly the ignition and fuel supply control units.

WARNING

This procedure must be performed by expert personnel because incorrect actions could cause electrical discharge of considerable intensity. Furthermore, battery fluid is poisonous and corrosive: avoid contact with skin and eyes. Keep naked flames and lighted cigarettes away from the battery and do not cause sparks.

BUMP STARTING

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

IMPORTANT Remember that the brake servo and electrical power steering system are not active until the engine is started. A much greater effort will therefore be required to use the brake pedal or turn the steering wheel.

REPLACING A WHEEL

GENERAL INSTRUCTIONS

The car is equipped with the "Fix&Go Automatic Kit": see the paragraph “Fix&Go Automatic Kit” for how to use this device.

As an alternative to the “Fix&Go Automatic Kit” the car may be equipped with a space-saver wheel: see the instructions on the following pages for changing the wheel.

WARNING

The space-saver wheel (for versions/ markets where provided) is specific to your car, do not use it on other models, or use the space-saver wheel of other models on your car. The space-saver wheel must only be used in case of emergency. It must only be used for the distance necessary to reach a service point and the car speed must not exceed 80 km/h. The space-saver wheel has an orange sticker that summarises the main cautions for use and limitations. Never remove or cover the label. The following information is provided in four languages on the label: "Important! For temporary use only! 80 km/h max! Replace with a standard tyre as soon as possible. Never cover this indication." Never apply a hub cap on a space-saver 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 on-coming traffic while the wheel is being changed. If you are on a slope or uneven surface, place the wedge provided under the wheel (see the instructions on the next pages).

WARNING

The vehicle's driving characteristics will be modified with the space-saver wheel fitted. Avoid sudden starting or stopping, sharp or fast turns. The overall duration of the space-saver spare wheel is of about 3000 km, after which the relevant tyre must be replaced with another one of the same type. Never install a standard tyre on a rim that is designed for use with a space-saver wheel. Have the wheel repaired and refitted as soon as possible. Two or more space-saver wheels should never be used together. Do not grease the threads of wheel studs before fitting them: they might slip out.

WARNING

The jack shall only be used for raising the car model it has been supplied with. Never use the jack for other purposes, such as raising other car models. Never use the jack for repair operations under the vehicle. Incorrectly positioning the jack may cause the vehicle to fall. Do not use the jack for loads higher than the one shown on its label. The space-saver wheel cannot be fitted with snow chains. If a front (drive) tyre is punctured and chains are needed, use a standard wheel from the rear axle and install the space-saver wheel on the rear axle. In this way, with two normal drive wheels at the front axle, it is possible to use snow chains.

WARNING

Incorrectly fitting the wheel cap may cause it to fall off when the vehicle is in motion. Never tamper with the inflating valve. Never introduce tools of any kind between rim and tyre. Check tyre and space-saver wheel pressures regularly, complying with the values given in the "Technical specifications" chapter.

JACK

Please note that:

❒ the jack weight is 1,76 kg;

❒ the jack requires no adjustment;

❒ the jack cannot be repaired and in the event of a fault it must be replaced by another original one;

❒ 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 must be flat and sufficiently compact;

❒ switch off the engine, pull up the handbrake and engage the 1st gear or reverse. Wear the reflective safety jacket (compulsory by law) before getting out of the car;

❒ open the luggage compartment, pull tab A fig. 154 and lift up the mat B;

❒ using the wrench A fig. 155 located in the tool box, loosen the locking device, take the tool box B and place it close to the wheel to be replaced. Then take the space-saver wheel C;

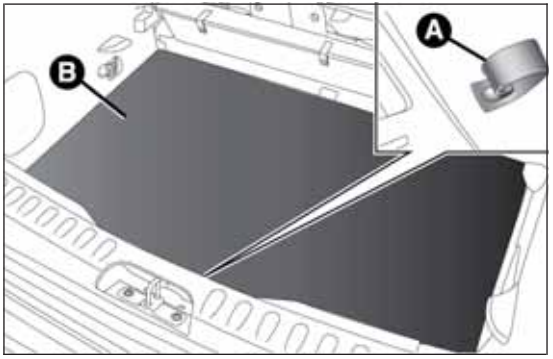


fig. 154 F0Y0083

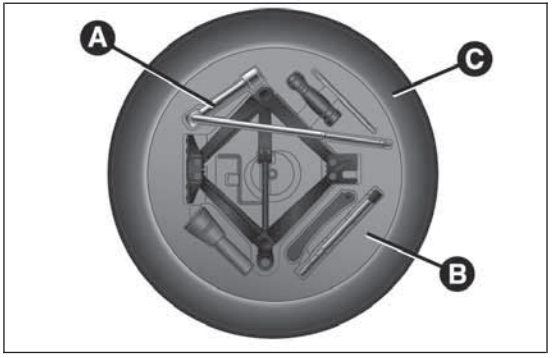


fig. 155 F0Y0096

❒ take the wrench A fig. 156 and loosen the fixing studs by about one turn. For versions with alloy rims, shake the car to facilitate detachment of the rim from the wheel hub;

❒ take the wedge A from the tool box and open it as shown in the diagram in fig. 157;

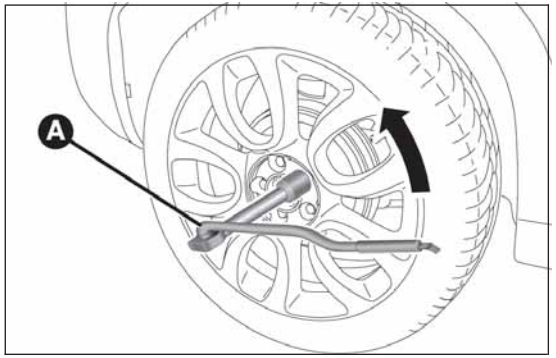


fig. 156 F0Y0093

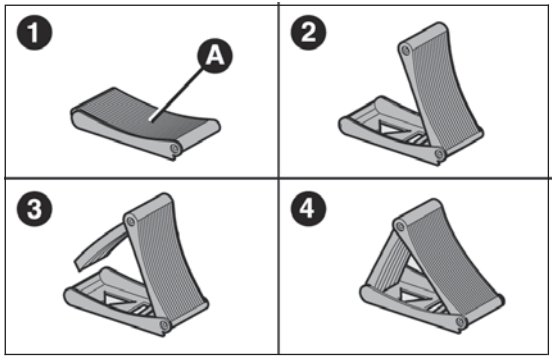


fig. 157 F0Y0211

❒ place the wedge behind the wheel diagonally opposite the one to be replaced (see fig. 158) to prevent the car from moving when it is raised;

❒ position the jack under the car, near the wheel to be changed;

❒ insert the wrench A fig. 156 to extend the jack until the top of the jack B fits correctly into the sidemember C (next to the mark ▽ on the sidemember itself);

❒ alert other passengers that the car is about to be raised; all persons should be kept away from the car until it has been lowered;

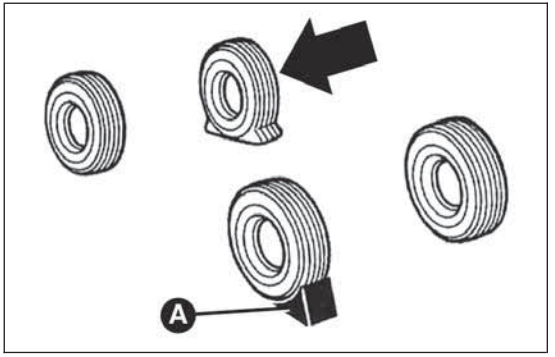


fig. 158 F0Y0212

❒ fit handle D fig. 159 into the housing in device A, operate the jack and raise the car until the wheel is a few centimetres from the ground;

❒ remove the wheel cap after loosening the 4 fixing studs and finally loosen the fifth stud and extract the wheel (only for versions with wheel caps fixed by studs);

❒ make sure the contact surfaces between space-saver wheel and hub are clean so that the fixing studs will not come loose;

❒ fit the space-saver wheel by inserting the first stud for two threads into the hole closest to the valve;

❒ tighten the stud by some threads and proceed in the same way for the others;

❒ take the wrench A fig. 156 and fully tighten the fixing studs;

❒ operate the jack handle D to lower the car. Then extract the jack;

❒ use the wrench A to fully tighten the studs in a criss-cross fashion as per the numerical sequence illustrated in fig. 160;

❒ when replacing a wheel with alloy rim it is advisable to place it with the aesthetic part facing upwards.

Restore the standard wheel as soon as possible, because, once placed in the associated compartment, the luggage compartment load platform is rendered uneven as the standard wheel is larger than the space-saver wheel.

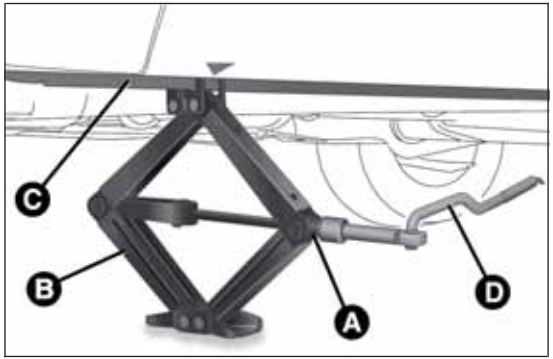


fig. 159 F0Y0014

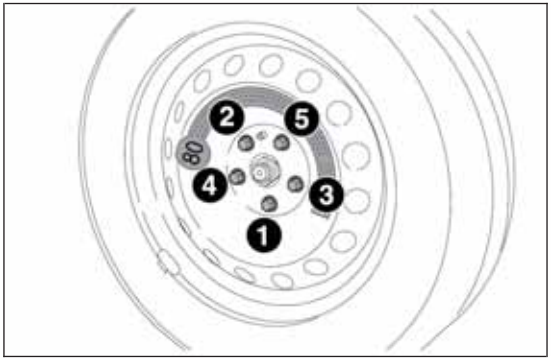


fig. 160 F0Y0013

REFITTING THE STANDARD WHEEL

Following the procedure described previously, raise the car and remove the space-saver wheel.

Versions with steel rims

Proceed as follows:

- ❒ make sure the contact surfaces between standard wheel and hub are clean so that the fixing studs will not come loose;
- ❒ fit the standard wheel inserting the 5 studs into the holes;
- ❒ press-fit the hub cap, aligning the special splining (on the cap) with the inflation valve;
- ❒ using the wrench provided, tighten the fixing studs;
- ❒ lower the car and remove the jack;
- ❒ using the wrench provided, fully tighten the studs in the sequence shown previously.

Versions with alloy wheels

Proceed as follows:

- ❒ insert the wheel on the hub and using the wrench provided tighten the studs;
- ❒ lower the car and remove the jack;
- ❒ using the wrench provided, fully tighten the 5 studs in the sequence shown;
- ❒ reinstall the hub cap, taking care to position the 3 plastic pins in the dedicated seats on the wheel. Slightly press the cap to prevent any damage to the plastic pins.

IMPORTANT If it is not fitted properly, the hub cap may detach itself when the car is running.

After tyre replacement

- ❒ stow the space-saver wheel in the compartment provided in the boot;
- ❒ insert the jack and the other tools in the container;
- ❒ arrange the container and tools on the space-saver wheel;
- ❒ correctly reposition the boot stiff cover.

"Fix&Go Automatic" kit

There is a dedicated container fig. 161 (versions without subwoofer) or fig. 162 (versions with subwoofer - for versions/markets, where provided) located in the luggage compartment. The container also contains a screwdriver and the tow hook.

The kit also contains:

❒ a cylinder A fig. 163 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;

❒ a compressor D including a pressure gauge and connections, found in the compartment;

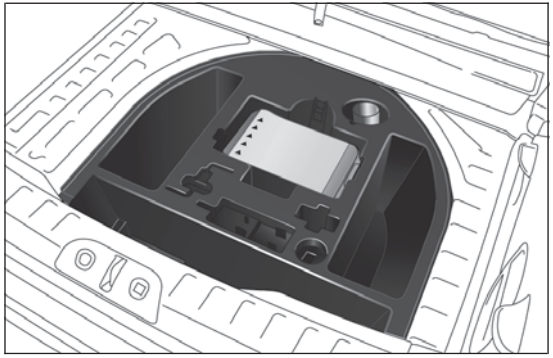


fig. 161 F0Y0135

❒ instruction brochure (see fig. 164), to be used for prompt and correct use of the tyre quick repair kit and then to be handed to the personnel charged with handling the treated tyre;

❒ a pair of protective gloves located in the side compartment of the compressor;

❒ adapters for inflating different elements.

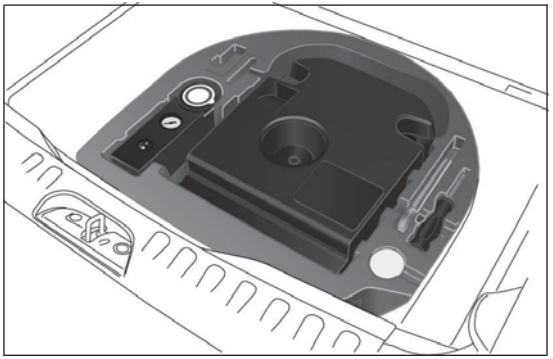


fig. 162 F0Y0176

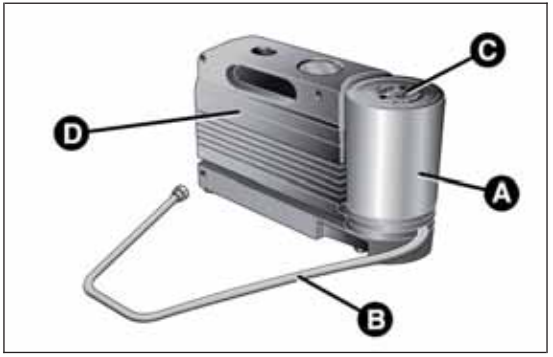


fig. 163 F0Y0012

WARNING

Give the instructions brochure to the technicians who will be handling the tyre that was repaired using the tyre quick repair kit.

In the event of a puncture caused by foreign bodies, the kit may be used to repair tyres showing damages on the track or shoulder up to max 4 mm diameter.



fig. 164 F0Y0011

WARNING

Holes and damage on the tyre side walls cannot be repaired. Do not use the tyre quick repair kit if the tyre is damaged as a result of driving with it deflated.

WARNING

Repairs are not possible in the case of damage to the wheel rim (bad groove distortion causing air loss). Do not remove the foreign body (screw or nail) from the tyre.

WARNING

Do not operate the compressor for longer than 20 consecutive minutes. Risk of overheating. Tyres repaired with the quick tyre repair kit must only be used temporarily.

WARNING

The cylinder contains ethyl glycol. Contains latex: may cause an allergic reaction. Harmful if swallowed. Eye irritant. May cause irritation if inhaled or on contact. Avoid contact with eyes, skin and clothes. In the event of contact, wash immediately with plenty of water. If ingested, do not induce vomiting. Rinse out your mouth, drink large quantities of water and seek immediate medical attention. Keep away from children. The product must not be used by asthmatics. Do not inhale the vapours during insertion and suction. Call a doctor immediately if allergic reactions are noted. Store the canister in its proper compartment, away from sources of heat. The sealant fluid has an expiry date. Replace the bottle containing out-of-date sealant fluid.

Dispose of the bottle and the sealant liquid properly. Have the sealing fluid and the cylinder disposed of in compliance with national and local regulations.

INFLATING PROCEDURE

WARNING

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

Proceed as follows:

- ❒ **Pull up the handbrake.** Unscrew the tyre valve cap, take out the flexible filler pipe A fig. 165 and tighten the ring nut B on the tyre valve;
- ❒ make sure that the compressor switch A fig. 166 is in position 0 (off), start the engine, plug into the power socket in the central tunnel or the luggage compartment fig. 167 and operate the compressor, turning switch A to position I (on). Inflate the tyre to the pressure specified in the "Inflation pressure" paragraph in the "Technical specifications" section. Check tyre pressure on gauge B with compressor off to obtain a more precise reading;

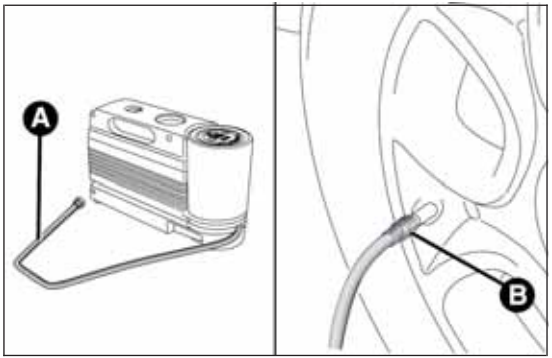


fig. 165 F0Y0010

❒ if after five minutes it is still impossible to reach at least 1.8 bar, disengage the compressor from the valve and power socket, then move the car forwards by approx. ten metres in order to distribute the sealing fluid inside the tyre evenly, then repeat the inflation operation;

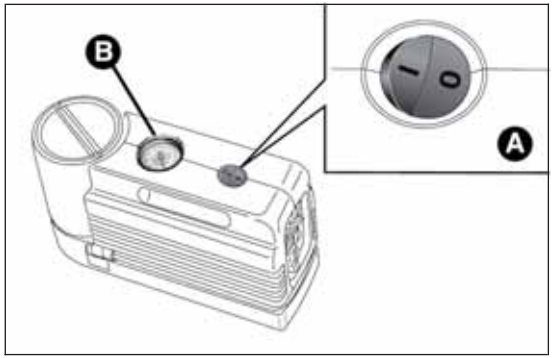


fig. 166 F0Y0009

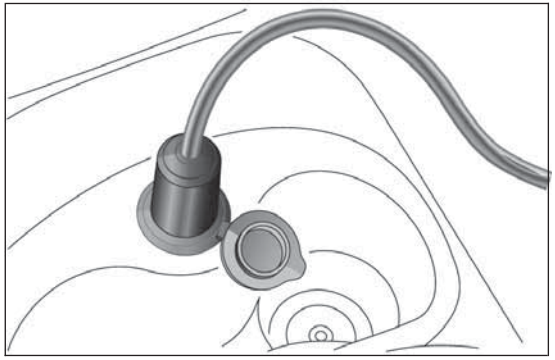


fig. 167 F0Y0092

❒ if after this operation you still cannot reach at least 1.8 bar after 5 minutes from switching on the compressor, do not resume driving but contact a Fiat Dealership;

WARNING

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

❒ after driving for about 10 minutes stop and check the tyre pressure again; **pull up the handbrake;** For the safety of the car when it is parked, follow the indication in the paragraph "When parked" in the chapter "Starting up and driving" .

WARNING

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

❒ if a pressure value of at least 1.8 bar is detected, restore the correct pressure (with the engine running and the handbrake engaged), resume driving and drive with great care to the nearest Fiat Dealership.

WARNING

Inform the dealership that the tyre has been repaired using the tyre quick repair kit. Give the instruction booklet to the personnel charged with handling the treated tyre.

CHECKING AND RESTORING TYRE PRESSURE

The compressor can also be used to check and, if necessary, adjust the tyre pressure. Release quick connector A fig. 168 and connect it directly to the valve of the tyre to be inflated.

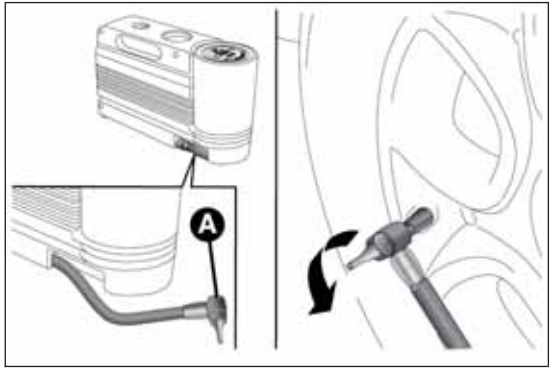


fig. 168 F0Y0008

REPLACING THE BOTTLE

Proceed as follows:

- ❒ disconnect connection A fig. 169;
- ❒ turn the cylinder to be replaced anticlockwise and raise it;
- ❒ fit the new cylinder and turn it clockwise;
- ❒ connect connection A to the cylinder and insert the transparent pipe B into its housing.

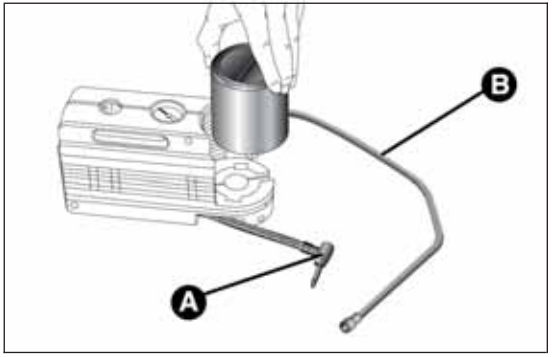


fig. 169 F0Y0007

CHANGING A BULB

GENERAL INSTRUCTIONS

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



WARNING

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



WARNING

Halogen bulbs contain pressurised gas, in the case of breakage they may burst causing glass fragments to be projected outwards.



Halogen bulbs must be handled holding the metal part only. Touching the transparent part of the bulb with your fingers may reduce the intensity of the emitted light and even reduce the lifespan of the bulb. In the event of accidental contact, wipe the bulb with a cloth moistened with alcohol and let the bulb dry.



Where possible, it is advisable to have bulbs changed at a Fiat Dealership. The correct operation and direction of the external lights are absolutely essential for the safety of the car and of compliance with the law.

IMPORTANT When the weather is cold or damp or after heavy rain or washing, the surface of headlights or rear lights, may steam up and/or form drops of condensation on the inside. This is a natural phenomenon due to the difference in temperature and humidity between the inside and the outside of the glass which does not indicate a fault and does not compromise the normal operation of lighting devices. The mist disappears quickly when the lights are turned on, starting from the centre of the diffuser, extending progressively towards the edges.

TYPES OF BULBS

Various types of bulbs are fitted to your car:

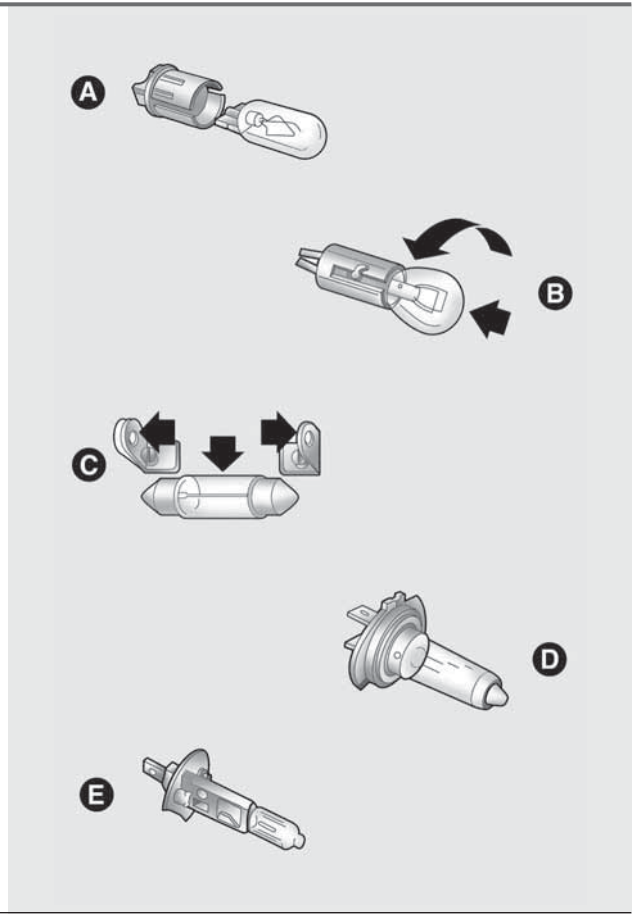
All-glass bulbs: (type A) press-fitted. Pull to remove.

Bayonet type bulbs: (type B) to remove them press the bulb and turn it anticlockwise.

Tubular bulbs: (type C) release them from their contacts to remove.

Halogen bulbs: (type D) to remove the bulb, release the clip holding the bulb in place.

Halogen bulbs: (type E) to remove the bulb, release the clip holding the bulb in place.



Lights

Use	Type	Power	Ref. Figure
Dipped/main beam headlights	H7	55W	D
Front side lights/Day lights (DRL)	W21/5W	21W/5W	B
Rear side lights/Brake lights	P21/5 W	21W/5W	B
Front direction indicators	WY21W	21 W	B
Side direction indicators	WY5W	5 W	A
Rear direction indicators	P21W	21 W	B
3° Stop	LED	–	–
Fog lights	H11	55W	E
Reverse	W16W	16 W	B
Rear fog lights	W16W	16 W	B
Number plate	C5W	5 W	C
Front roof light	C5W	5 W	C
Front roof lights (sun visors)	C5W	5 W	C
Luggage compartment roof light	W5W	5 W	A
Glove compartment light	C5W	5 W	C
Rear courtesy lights	C5W	5 W	C

REPLACING EXTERIOR BULBS

For the type of bulb and power rating, see “Changing a bulb" paragraph.

FRONT UPPER LIGHT CLUSTER

This contains the bulbs for direction indicators and dipped beams.

The bulbs are arranged as follows fig. 170:

A Direction indicators

B Dipped beam headlights

DIRECTION INDICATORS

To change the bulb, proceed as follows:

❒ remove cover A fig. 170;

❒ turn bulb holder B fig. 171 clockwise, extract bulb C and replace it;

❒ refit the new bulb on the bulb holder, making sure it is correctly locked;

❒ refit the bulb holder in its housing and turn it clockwise, until the locking click is heard;

❒ then refit the cover A fig. 170.

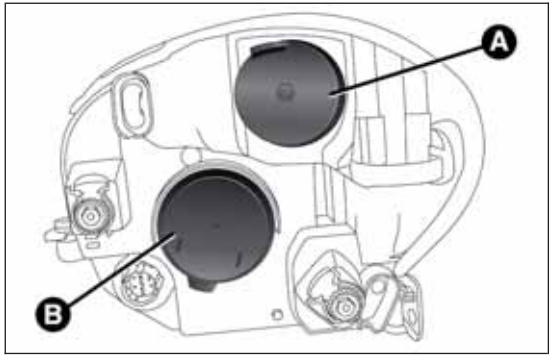


fig. 170 F0Y0021

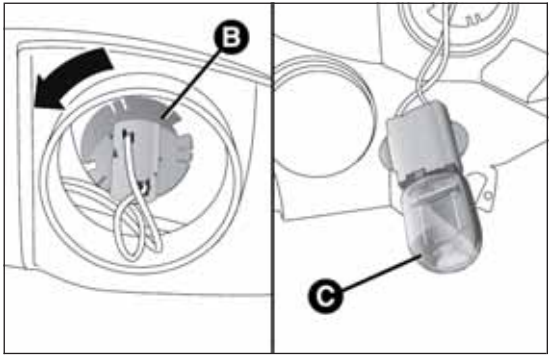


fig. 171 F0Y0022

DIPPED BEAM HEADLIGHTS

To change the bulb, proceed as follows:

❒ remove cover B fig. 170;

❒ remove the connector + bulb holder C fig. 172 unit, releasing it outwards;

❒ remove bulb D from connector E and replace it;

❒ refit the new bulb on the connector, making sure it is correctly locked;

❒ refit the connector + bulb holder C unit in its housing;

❒ then refit the cover B fig. 170.

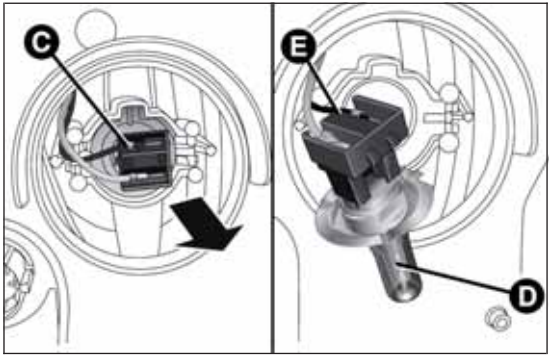


fig. 172 F0Y0023

FRONT LOWER LIGHT CLUSTER

This contains the bulbs for the main beams and side lights/daytime running lights (DRL).

The bulbs are arranged as follows fig. 173:

C Main beam headlights

D Side lights/daytime running lights (DRL)

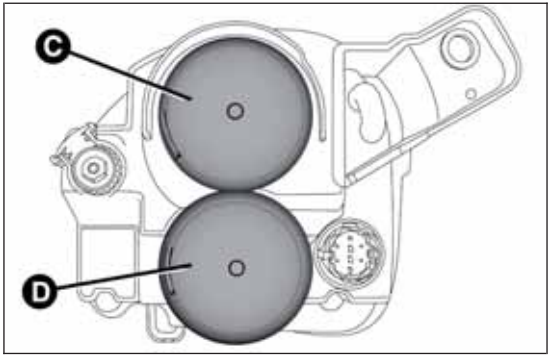


fig. 173 F0Y0024

MAIN BEAM HEADLIGHTS

To change the bulb, proceed as follows:

- ❒ steer the wheel completely inwards;
- ❒ undo the screws A fig. 174 and remove the flap B;
- ❒ remove cover C fig. 173;
- ❒ remove the connector + bulb holder D fig. 175 unit, releasing it outwards;
- ❒ remove the bulb E from connector F and replace it;
- ❒ refit the new bulb on the connector, making sure it is correctly locked;
- ❒ refit the connector + bulb holder D unit in its housing;
- ❒ finally refit cover C fig. 173.

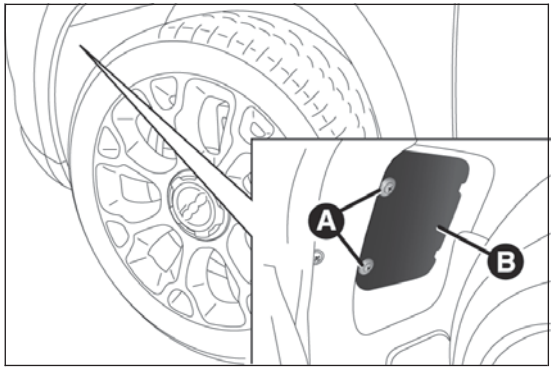


fig. 174 F0Y0145

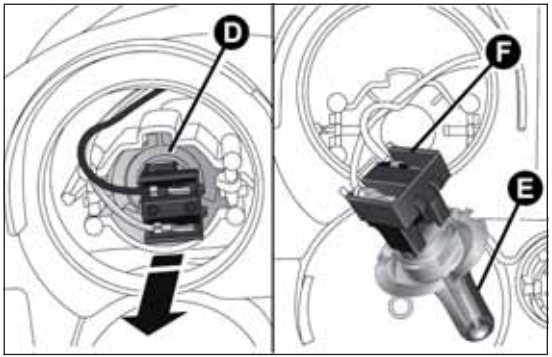


fig. 175 F0Y0025

SIDE LIGHTS/DAYTIME RUNNING LIGHTS (DRL)

To change the bulb, proceed as follows:

❒ steer the wheel completely inwards;

❒ undo the screws A fig. 174 and remove the flap B;

❒ remove cover D fig. 173;

❒ turn bulb holder E fig. 176 clockwise, extract bulb F from connector G and replace it;

❒ refit the new bulb on the connector, making sure it is correctly locked;

❒ refit the bulb holder unit E in its housing and turn it clockwise, until the locking click is heard;

❒ finally refit cover D fig. 173.

SIDE DIRECTION INDICATORS

To change the bulb, proceed as follows:



fig. 176 F0Y0026

❒ adjust the lens A fig. 177 to compress in the internal catch B fig. 178, then pull the cluster outwards;

❒ turn the bulb holder C anticlockwise, extract bulb D and replace it;

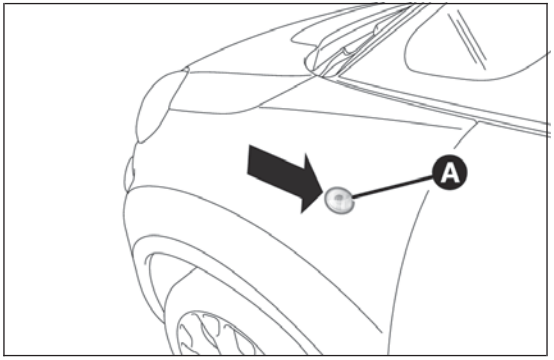


fig. 177 F0Y0147

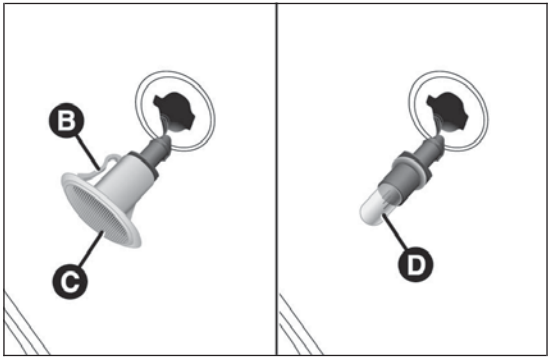


fig. 178 F0Y0171

❒ refit the bulb holder C in the lens A and turn it clockwise;

❒ refit the cluster making sure that the internal catch B clips into position.

FOG LIGHTS

(for versions/markets, where provided)

To change the bulb, proceed as follows:

❒ steer the wheel completely inwards;

❒ undo the screws A fig. 179 and remove the flap B;

❒ adjust the catch C fig. 180 and disconnect the electrical connector D;

❒ turn and remove the bulb holder E;

❒ release the bulb and replace it;

❒ refit the new lamp and carry out the procedure described previously in reverse.

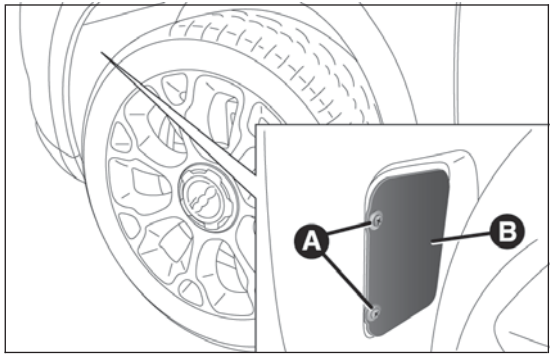


fig. 179 F0Y0148

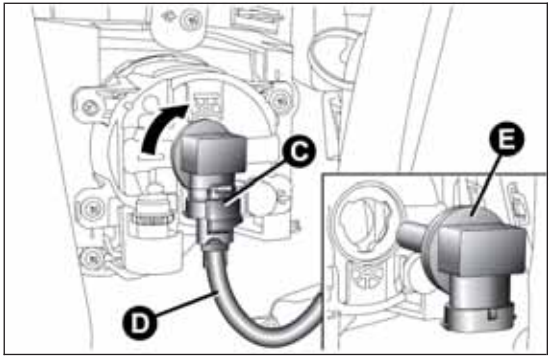


fig. 180 F0Y0033

REAR LIGHT CLUSTERS

These contain the bulbs for the side lights, brake lights and direction indicators.

To replace the bulbs proceed as follows:

❒ take the Allen key A fig. 181 provided;

❒ operate tab B fig. 182 and remove protective cover C (located in the side area of the luggage compartment);

❒ use Allen key A to unscrew fixing devices D fig. 183 of the rear light cluster;

❒ extract the light cluster by removing it with both hands in the direction indicated by the arrows fig. 184;

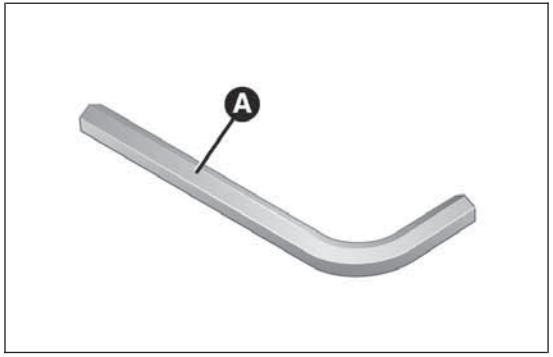


fig. 181 F0Y0149

❒ disconnect the electrical connector, undo the fixing screws E fig. 185 and remove the bulb holder assembly;

❒ replace the concerned bulb: F = direction indicators, G = side lights/brake lights fig. 186.

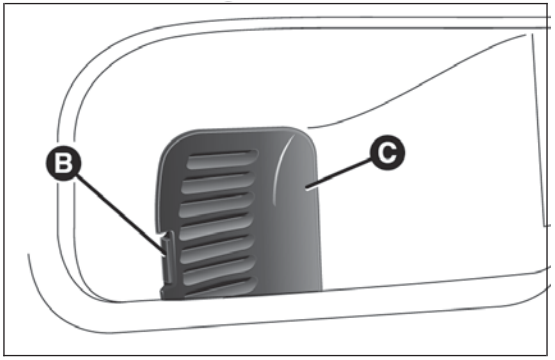


fig. 182 F0Y0150

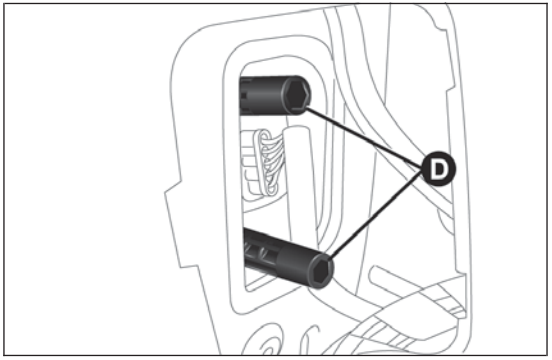


fig. 183 F0Y0258

FIXED REAR LIGHT CLUSTERS

They contain the rear fog light bulbs (left side) and reverse light bulbs (right side).

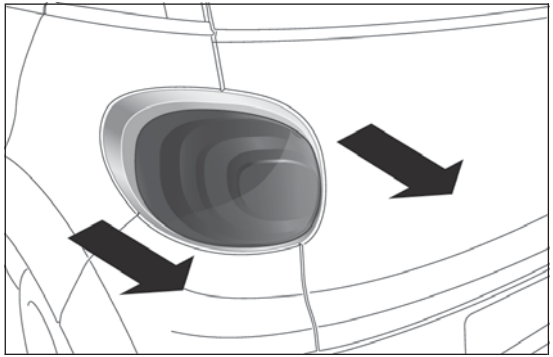


fig. 184 F0Y0151

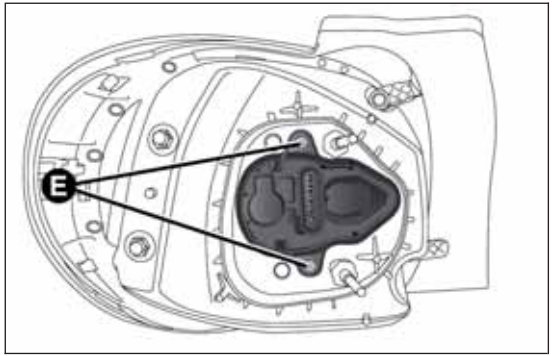


fig. 185 F0Y0027

To change the bulb, proceed as follows:

❒ open the luggage compartment, remove the trim frame, undo the four fixing screws A fig. 187 and remove light cluster B;

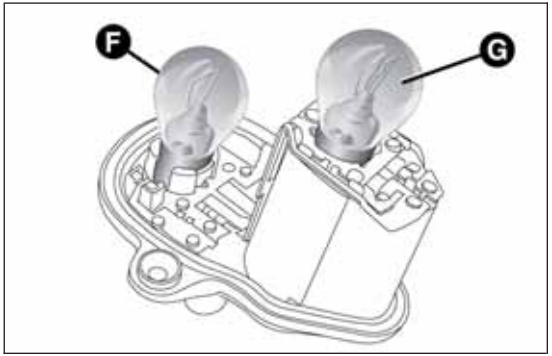


fig. 186 F0Y0028

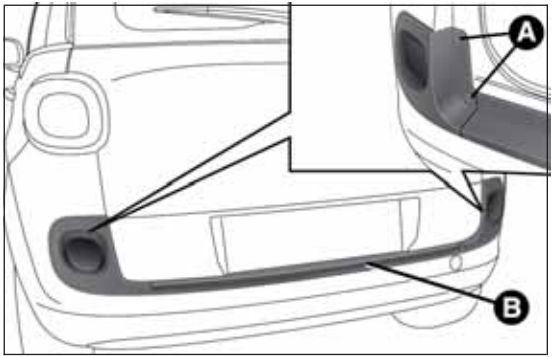


fig. 187 F0Y0032

❒ disconnect the electrical connector and rotate bulb holder C anticlockwise fig. 188;

❒ remove bulb D from the bulb holder and replace it;

❒ refit the new bulb on the bulb holder, making sure it is correctly locked;

❒ refit bulb holder C in the lens turning it clockwise and reconnect the electrical connector;

❒ refit the light cluster B fig. 187 correctly by tightening the four fixing screws A, then close the luggage compartment.

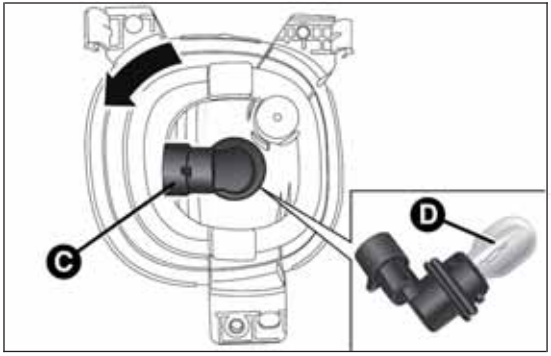


fig. 188 F0Y0029

THIRD BRAKE LIGHTS

These are located in the tailgate and are LED lights. For replacement, contact a Fiat Dealership.

NUMBER PLATE LIGHTS

To replace the bulbs proceed as follows:

❒ remove lens A fig. 189;

❒ replace the bulb B fig. 190 releasing it from the side contacts;

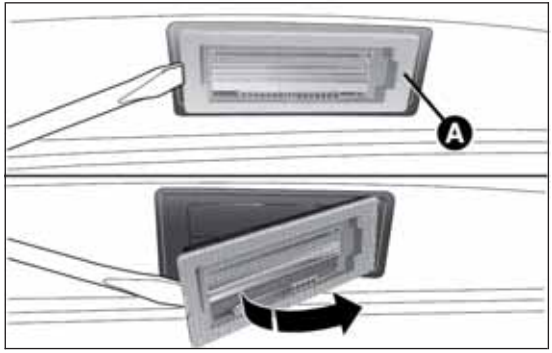


fig. 189 F0Y0030

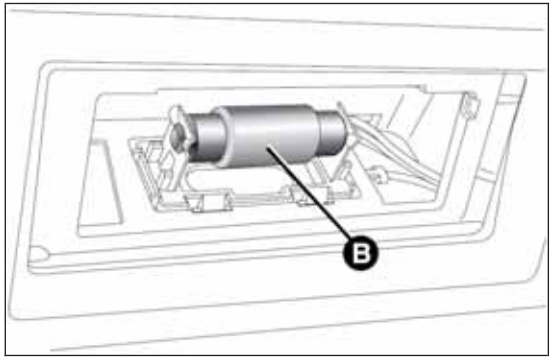


fig. 190 F0Y0031

❒ Insert the new bulb B and make sure that it is correctly clamped between the contacts;

❒ finally refit lens A fig. 189.

REPLACING INTERIOR BULBS

FRONT ROOF LIGHT

Versions without rear seat surveillance mirror

To change the bulbs, proceed as follows:

❒ remove the roof light A fig. 191 working at the points indicated by the arrows;

❒ undo the bulb housings B fig. 192 and remove them by extracting outwards, then replace bulbs C;

❒ correctly fit the new bulbs in the relevant housings B;

❒ fit roof light A fig. 191 in its housing making sure it is locked.

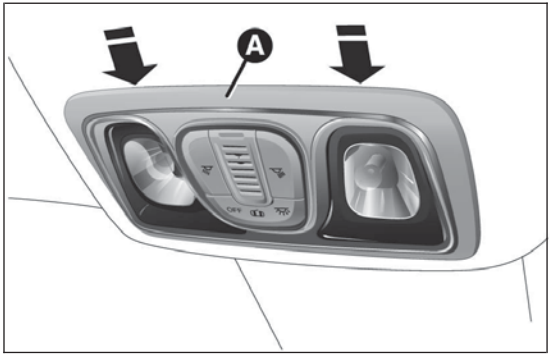


fig. 191 F0Y0193

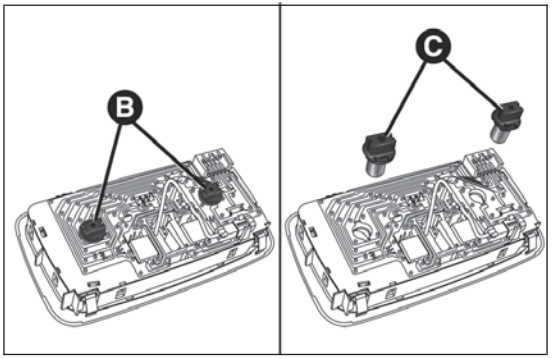


fig. 192 F0Y0192

Versions with rear seat surveillance mirror
(for versions/markets, where provided)

To change the bulbs, proceed as follows:

❒ work in area A and bring mirror B in operating position;

❒ undo the screw and remove fixing covering cap C fig. 193;

❒ working from the rear area pull the roof light downwards and release it

For refitting carry out the operations reversing the order above.

For bulb replacement refer to paragraph "Versions without rear seat surveillance mirror".

Versions with fixed glass roof or electric sun roof

To remove the roof light and replace the bulbs go to a Fiat Dealership.

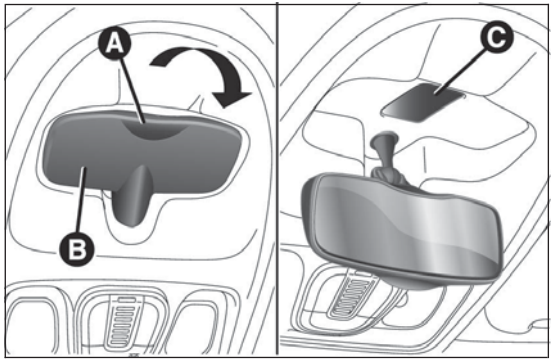


fig. 193 F0Y0224

REAR ROOF LIGHT

Versions without sun roof

To change the bulbs, proceed as follows:

❒ operate in the point shown by the arrows and remove roof light A fig. 194;

❒ open the flap C fig. 195 and replace the bulb B releasing it from the side contacts;

❒ Insert the new bulb and make sure that it is correctly clamped between the contacts.

❒ refit the roof light A fig. 194 by inserting it in its correct position firstly on one side and then pressing on the other until it clicks into place.

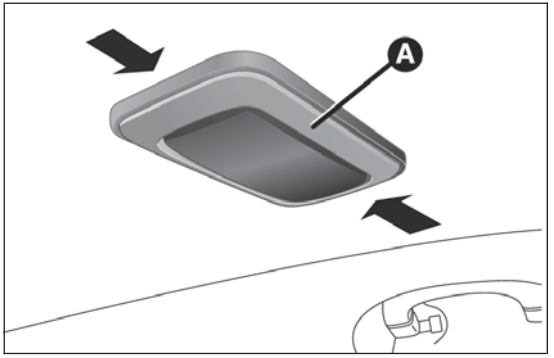


fig. 194 F0Y0103

Versions with sun roof
(for versions/markets, where provided)

To change the bulbs, proceed as follows:

❒ operate in the point shown by the arrow and remove roof light A fig. 196;

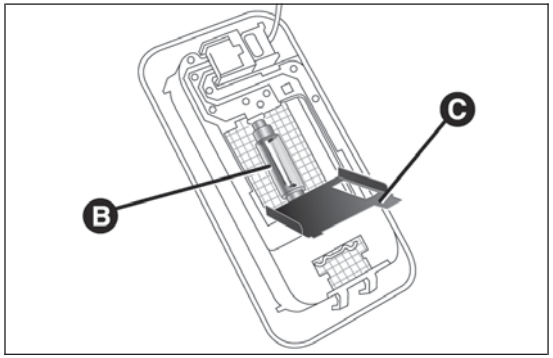


fig. 195 F0Y0104

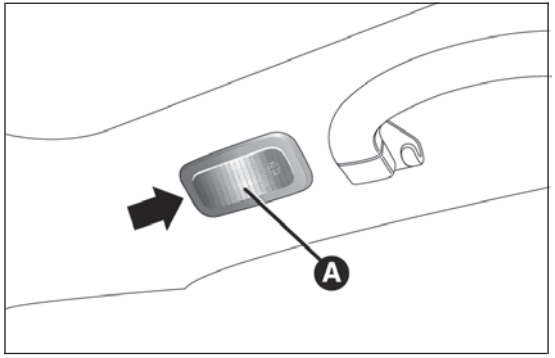


fig. 196 F0Y0261

❒ replace the bulb B fig. 197 releasing it from the side contacts;

❒ Insert the new bulb and make sure that it is correctly clamped between the contacts.

❒ refit the roof light A fig. 196 by inserting it in its correct position firstly on one side and then pressing on the other until it clicks into place.

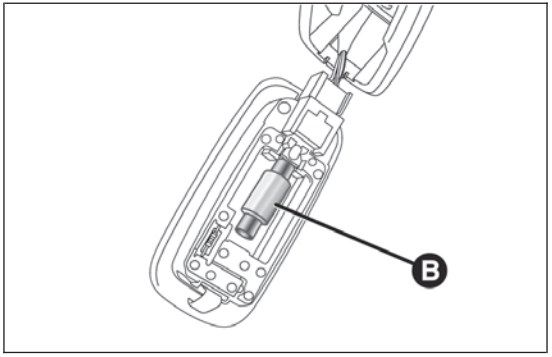


fig. 197 F0Y0194

LUGGAGE COMPARTMENT ROOF LIGHT

To replace the bulb, proceed as follows:

❒ open the luggage compartment and extract the roof light A fig. 198 working in the point shown by the arrow;

❒ open the protection B and replace the bulb;

❒ re-close the protection B on the lens;

❒ refit the roof light A by inserting it in its correct position firstly on one side and then pressing on the other side until it clicks into place.

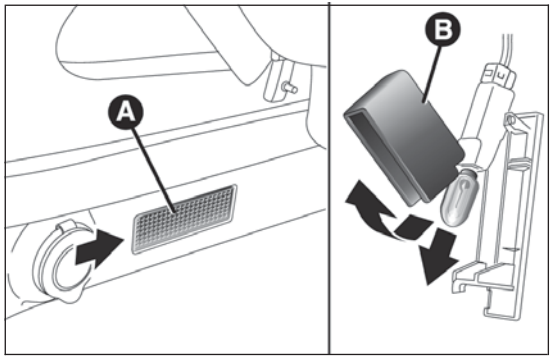


fig. 198 F0Y0105

GLOVE COMPARTMENT LIGHT

To change the bulbs, proceed as follows:

❒ open the glove compartment and extract the roof light A fig. 199;

❒ open the protection B and replace the bulb;

❒ re-close the protection B on the lens;

❒ refit the roof light A by inserting it in its correct position firstly on one side and then pressing on the other side until it clicks into place.

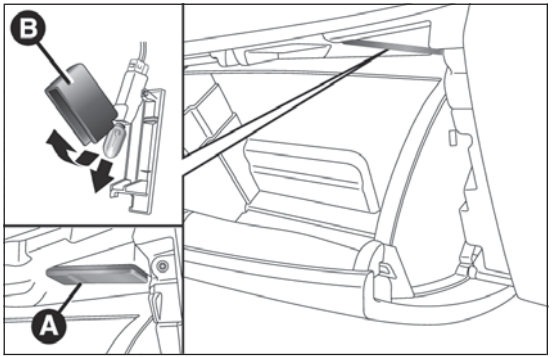


fig. 199 F0Y0106

REPLACING FUSES

GENERAL INFORMATION

Fuses protect the electrical system: they intervene (blow) in the event of a failure or improper intervention on the system.

When a device does not work, check the condition of its protective fuse: the conductor element A fig. 200 must be intact. If it is not, replace the blown fuse with another with the same amperage (same colour).

B = intact fuse;

C = fuse with damaged conductor element.

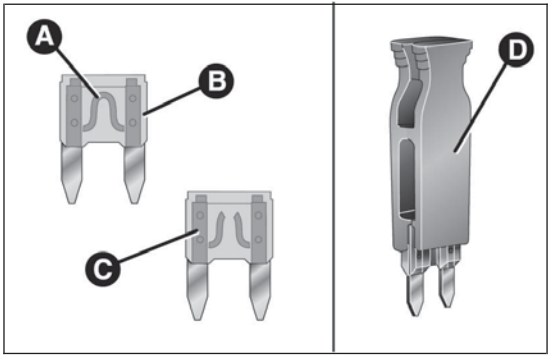


fig. 200 F0Y0091

To replace a fuse, use the pliers D hooked inside the engine compartment fuse box cover.

Refer to the tables on the following pages to identify the specific protective fuse.

WARNING

If the replaced fuse blows again, contact a Fiat Dealership.

WARNING

Never replace a fuse with metal wires or anything else.

WARNING

Never replace a fuse with another with a higher amp rating; DANGER OF FIRE.

WARNING

If a general fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) blows contact a Fiat Dealership.

WARNING

Before replacing a fuse, make sure that the ignition key has been removed and that all the other services are switched off and/or disengaged.

WARNING

If a general protection fuse for safety systems (airbag system, braking system), power unit systems (engine system, transmission system) or steering system is triggered, contact a Fiat Dealership.

FUSE LOCATION

Engine compartment fuse box

This is located by the side of the battery fig. 202.

To access the fuses, proceed as follows:

❒ undo the two screws A fig. 201;

❒ remove cover B in the direction indicated by the arrow.

IMPORTANT Before removing cover B press and turn the two bayonet screws A slowly anticlockwise (using the flat tip screwdriver provided) until unlocking them. This is shown by the screw heads lifting.

The number identifying the electrical component corresponding to each fuse is shown on the cover. After replacing the fuse, make sure you close cover B on the fusebox.

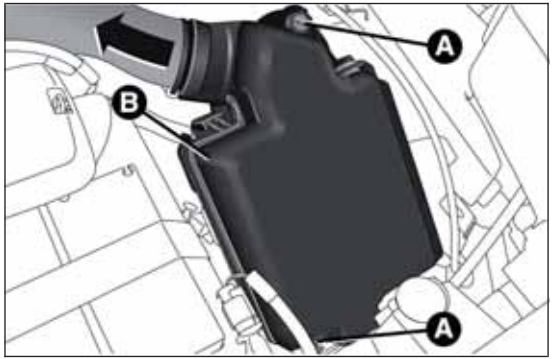


fig. 201 F0Y0071

If it is necessary to wash the engine compartment, take care not to directly hit the fuse box and the window wiper motors with the water jet.

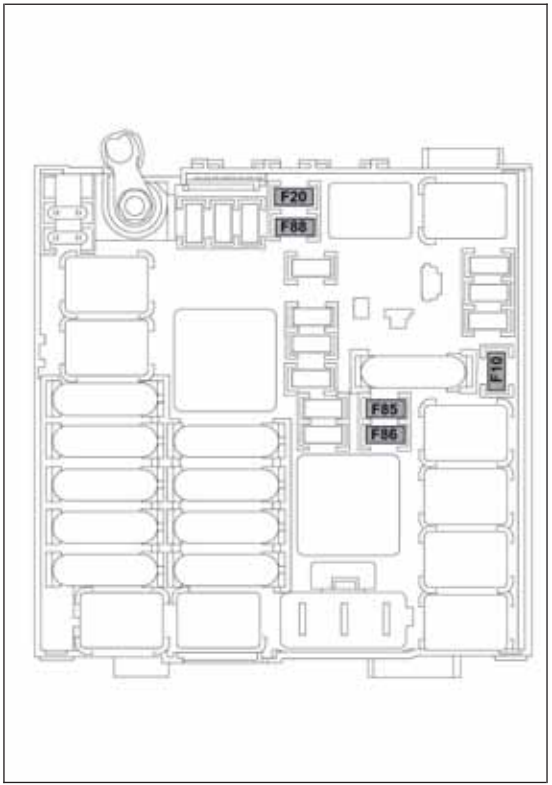


fig. 202 F0Y0072

Dashboard fuse box

The fuses are located in the fuse box shown in fig. 203. To access the fuses, remove flap A.

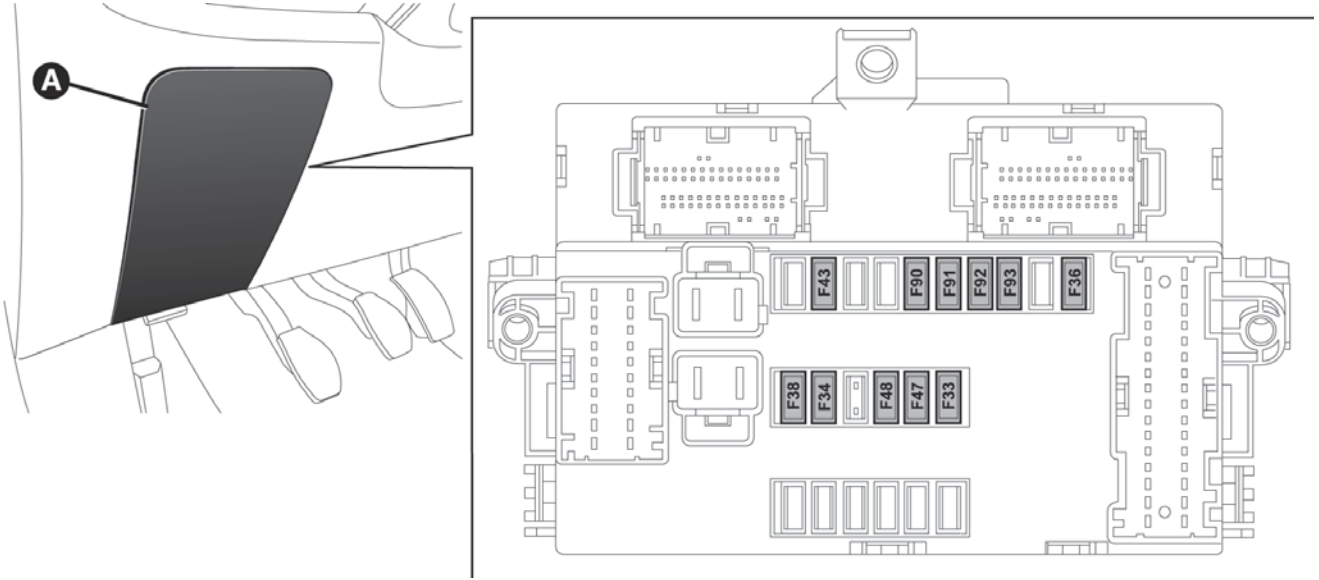


fig. 203 F0Y0280

Luggage compartment fuse box

The fuses are in the fuse box shown in fig. 204, located on the left side of the luggage compartment. To access the fuses operate in the point shown by the arrow and remove flap A.

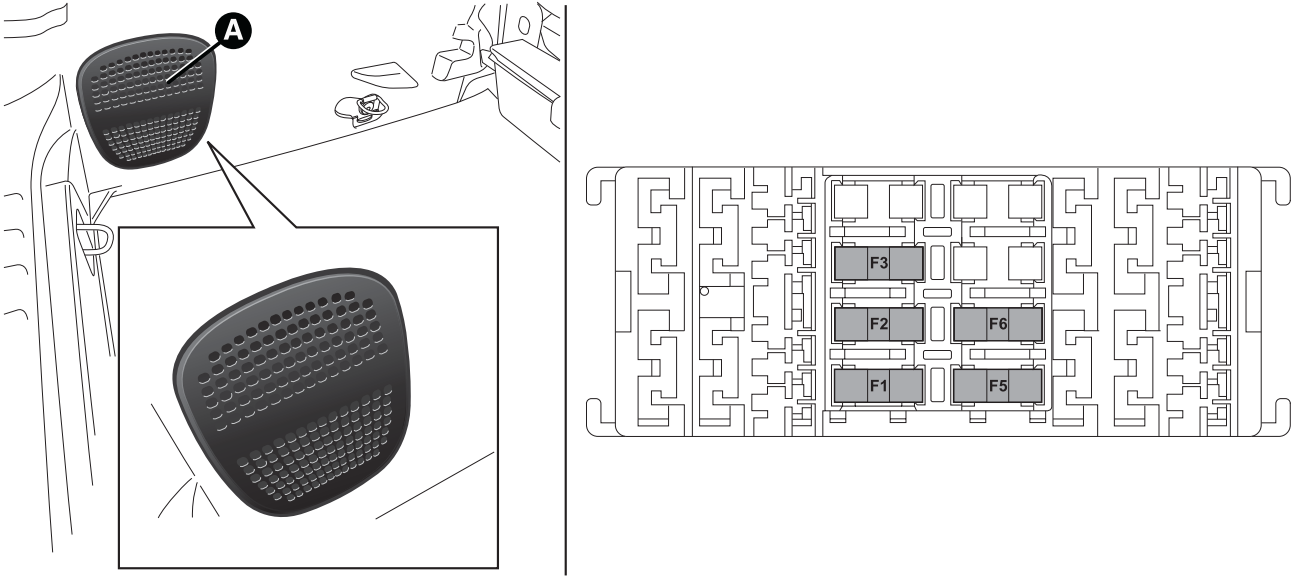


fig. 204 F0Y0177

ENGINE COMPARTMENT FUSE BOX
fig. 202

USERS	FUSE	AMPERE
Horn	F10	15
Heated rear window	F20	30
Cigar lighter/Front power socket	F85	15
Luggage compartment power socket	F86	15
External mirror defrosters	F88	7,5

DASHBOARD FUSE BOX
fig. 203

USERS	FUSE	AMPERE
Rear electric window (left side)	F33	20
Rear electric window (right side)	F34	20
Radio power supply (for versions/markets, where provided), Uconnect™ 5" Radio, Uconnect™ 5" Radio Nav, rear courtesy lights (right and left)	F36	10
Central locking	F38	20
Two-way windscreen washer pump	F43	20
Front electric window (driver side)	F47	20
Front electric window (passenger side)	F48	20
Main beam headlight (left side)	F90	7,5
Main beam headlight (right side)	F91	7,5
Fog light (left side)	F92	7,5
Fog light (right side)	F93	7,5

LUGGAGE COMPARTMENT FUSE BOX
fig. 204

USERS	FUSE	AMPERE
Front seat electric lumbar regulator	F1	15
Front seat electrical heater	F2	15
HI-FI system	F3	20
Electric sun roof blind	F5	20
Electric sun roof	F6	20

BATTERY RECHARGING

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

Low amperage slow recharging for approximately 24 hours is advised. Charging for a longer time may damage the battery.

VERSIONS WITHOUT Start&Stop SYSTEM
(for versions/markets, where provided)

Charge the battery as follows:

❒ disconnect the negative battery terminal;

❒ connect the charger cables to the battery terminals, observing the polarity;

❒ turn on the charger;

❒ when finished, turn the charger off before disconnecting the battery;

❒ reconnect the negative battery terminal.

VERSIONS WITH Start&Stop SYSTEM
(for versions/markets, where provided)

Charge the battery as follows:

❒ disconnect connector A fig. 205 (pressing button B) from battery status monitoring sensor C (fitted on the negative battery terminal D);

❒ connect the positive cable (+) of the battery charger to the battery positive terminal (+);

❒ connect the negative cable (–) of the battery charger to the pin D of the negative battery terminal (–);

❒ turn on the battery charger. When it is recharged, turn the charger off before disconnecting it from the battery;

❒ reconnect the connector A fig. 205 to the sensor C of the battery.

WARNING

Battery fluid is poisonous and corrosive: avoid contact with your skin and eyes. The battery should be charged in a well ventilated place, away from naked flames or possible sources of sparks: danger of explosion and fire.

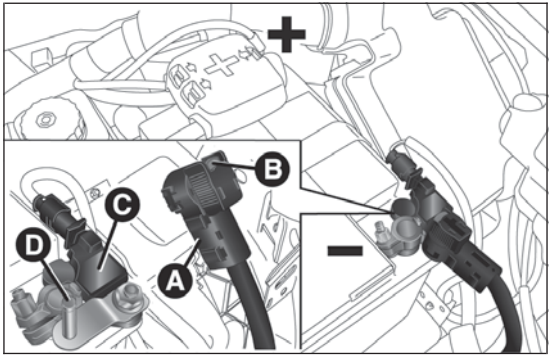


fig. 205 F0Y0153

WARNING

Do not try to recharge a frozen battery; defrost it first to prevent the risk of explosion. If the battery was frozen, have it inspected by specialised technicians before recharging to check that the internal elements are not damaged and that the casing is not cracked, which could cause poisonous, corrosive acid to leak.

RAISING THE CAR

If the car needs to be lifted, go to a Fiat Dealership which is equipped with arm hoists or workshop lifts.

WARNING

The vehicle must only be raised laterally by placing the ends of the arms or workshop lift in the shown areas fig. 206 and fig. 207 (for lifting the rear side).

Take special care when positioning the arm lifts or the workshop lift in order not to damage the aerodynamic spoilers and the side skirts, if any.

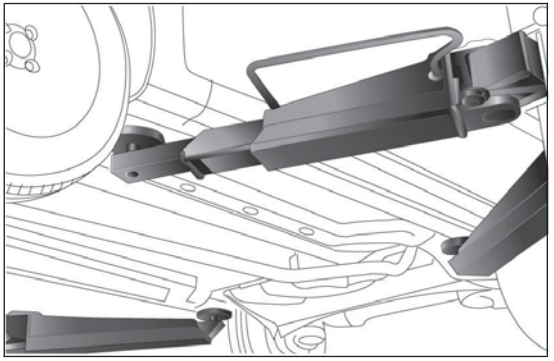


fig. 206 F0Y0266

TOWING THE CAR

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

ATTACHING THE TOW HOOK

Manually remove cap A fig. 208, fig. 209 (Trekking versions) (front bumper) or A fig. 210, fig. 211(Trekking versions) (rear bumper) pressing in the lower part. Take tow hook B fig. 208 (front bumper) or B fig. 210 (rear bumper) from its housing in the tool support and screw it completely onto the front or rear threaded pin.

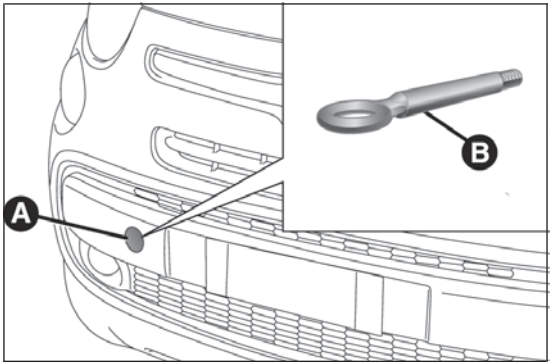


fig. 208 F0Y0143

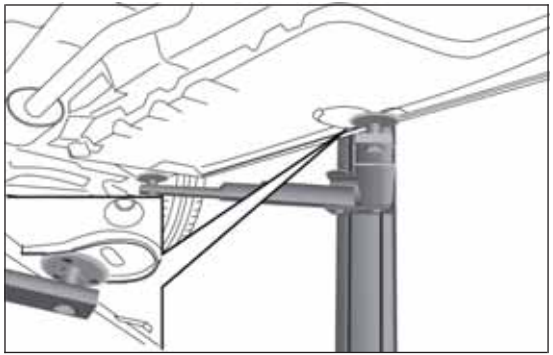


fig. 207 F0Y0333

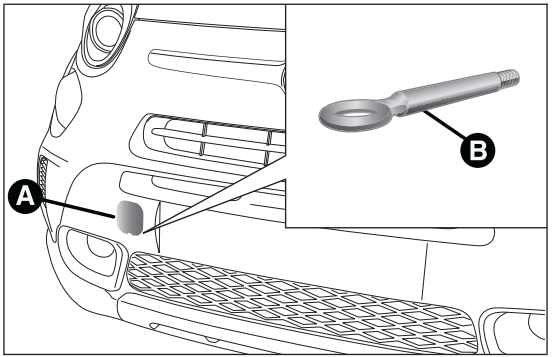


fig. 209 - Trekking versions F0Y0363

WARNING

Before towing, turn the ignition key to MAR and then to STOP without removing it. The steering column will automatically lock when the key is removed and the wheels cannot be steered.

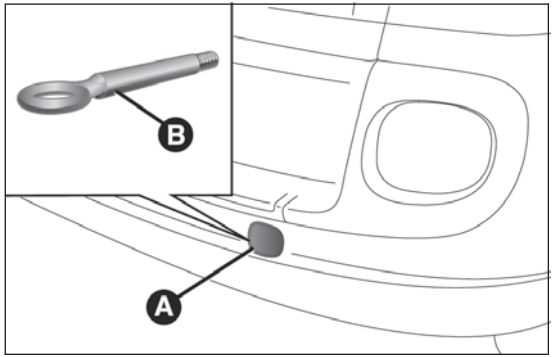


fig. 210 F0Y0144

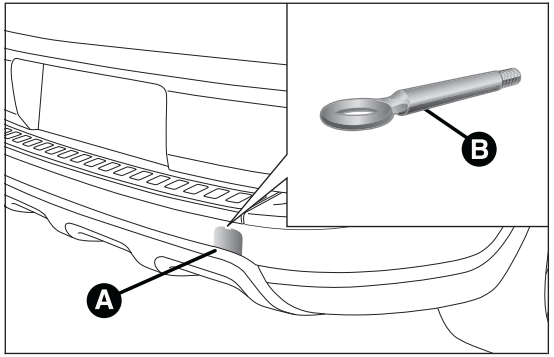


fig. 211 - Trekking versions F0Y0364

WARNING

Before tightening the hook clean the threaded housing thoroughly. Make sure that the hook is fully fastened in the housing before towing the car.

WARNING

Whilst towing, remember that the assistance of the brake servo and the electric power steering is not available, therefore greater force needs to be exerted on the brake pedal and more effort is required on the steering wheel. Do not use flexible cables when towing and avoid jerky movements. Make sure not to damage parts in contact with the car while towing. When towing the vehicle, you must comply with all specific traffic regulations and adopt an appropriate driving behaviour. Do not start the engine while towing the car.

WARNING

The front and rear tow hooks should be used only for emergencies on the road. The car may be towed for short distances when a dedicated device is used in compliance with the Highway Code (rigid bar), and in order to move the vehicle on the road in preparation for towing or transport via a tow truck (on the Trekking versions do NOT use the rear tow hook for transport on a tow truck: use the front tow hook). Tow hooks MUST NOT be used to tow vehicles off the road or where there are obstacles and/or for towing operations using cables or other non-rigid devices. In compliance with the above conditions, towing must take place with the two vehicles (one towing, the other towed) aligned as much as possible along the same centre line.

GETTING TO KNOW YOUR CAR
SAFETY
STARTING AND DRIVING
WARNING LIGHTS AND MESSAGES
IN AN EMERGENCY
SERVICING AND MAINTENANCE
TECHNICAL SPECIFICATIONS
INDEX

SCHEDULED SERVICING

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

Fiat has therefore arranged a series of checks and maintenance operations to be carried out every 30,000 kilometres (for petrol versions) or every 35,000 kilometres (for diesel versions).

Check the items on the Scheduled Servicing Plan (e.g. periodically check level of liquids, tyre pressure, etc.) before 30,000/35,000 km and between these services deadlines.

Scheduled Servicing is offered by all Fiat Dealerships according to a set time schedule. If, during each operation, in addition to the ones scheduled, the need arises for further replacements or repairs, these may be carried out only with the explicit agreement of the Customer. If your car is used frequently for towing, the interval between one service operation and the next should be reduced.

WARNING

At 2000 km from the next service operation the display will show a message.

The Scheduled Servicing intervals are set out by the Manufacturer. Failure to comply with the schedule may invalidate the warranty.

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

SCHEDULED SERVICING PLAN

PETROL VERSIONS

Servicing must be performed every 30,000 km or 24 months.

Thousands of miles	**18**	**36**	**54**	**72**	**90**	**108**
Thousands of kilometres	**30**	**60**	**90**	**120**	**150**	**180**
Months	**24**	**48**	**72**	**96**	**120**	**144**
Check battery charge status and recharge if necessary	●	●	●	●	●	●
Check tyre conditions/wear and adjust pressure, if required	●	●	●	●	●	●
Check operation of lighting system (headlights, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	●	●	●	●	●	●
Check operation of windscreen washer system and adjust jets if necessary	●	●	●	●	●	●
Check the position/wear of the windscreen/rear window wiper blades	●	●	●	●	●	●
Check cleanliness of bonnet and luggage compartment locks, as well as cleanliness and lubrication of linkages	●	●	●	●	●	●
Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust - fuel system - brakes), rubber elements (boots, sleeves, bushes, etc.)	●	●	●	●	●	●
Check condition and wear of front disc brake pads and operation of pad wear indicator	●	●	●	●	●	●
Check condition and wear of rear disc brake pads and operation of pad wear indicator	●	●	●	●	●	●
Check and, if necessary, top up fluid levels (engine cooling, hydraulic clutch/brakes, windscreen washer, battery, etc.)	●	●	●	●	●	●

Thousands of miles	**18**	**36**	**54**	**72**	**90**	**108**
Thousands of kilometres	**30**	**60**	**90**	**120**	**150**	**180**
Months	**24**	**48**	**72**	**96**	**120**	**144**
Visual check of accessory drive belt(s) (versions without automatic tensioner)		●				●
Check tensioning of accessory drive belt (versions without automatic tensioner) (or every 24 months)	●				●	
Check toothed timing drive belt conditions (0.9 TwinAir Turbo 105 HP versions excluded)		●				●
Check handbrake lever travel and adjust, if required	●	●	●	●	●	●
Check exhaust emissions/smokiness	●	●	●	●	●	●
Check engine control system operation (through diagnosis socket)	●	●	●	●	●	●
Check manual gearbox oil level			●			●
Change spark plugs (*)	●	●	●	●	●	●
Replace accessory drive belt(s)				●		

(*) For 0.9 TwinAir Turbo 105 HP versions, in order to guarantee correct operation and prevent serious damage to the engine, it is essential to observe the following:

(*) - only use spark plugs specifically certified for these engines; all spark plugs should be of the same type and brand (see the "Engine" paragraph in the "Technical Specifications" chapter);

(*) - strictly comply with the spark plug replacement intervals detailed in the Scheduled Servicing Plan;

(*) - it is advisable to contact a Fiat Dealership for plug replacement.

Thousands of miles	**18**	**36**	**54**	**72**	**90**	**108**
Thousands of kilometres	**30**	**60**	**90**	**120**	**150**	**180**
Months	**24**	**48**	**72**	**96**	**120**	**144**
Replace toothed timing drive belt (0.9 TwinAir Turbo 105 HP versions excluded) (**)				●		
Change air cleaner cartridge (every 30,000 km for 0.9 TwinAir Turbo 105 HP versions)		●		●		●
Change engine oil and replace oil filter (***)	●	●	●	●	●	●
Change brake fluid (or every 24 months)		●		●		●
Change pollen filter (or every 12 months)	●	●	●	●	●	●

(**) Regardless of the distance covered, the timing belt must be changed every four years for particularly demanding use (cold climates, city driving, long periods of idling) or at least every five years in all other cases.

(***) If the car's annual mileage is less than 10,000 km, the engine oil and filter must be replaced every 12 months.

DIESEL VERSIONS

Servicing must be carried out every 35,000 km or 24 months.

Thousands of miles	**21**	**42**	**63**	**84**	**105**
Thousands of kilometres	**35**	**70**	**105**	**140**	**175**
Months	**24**	**48**	**72**	**96**	**120**
Check battery charge status and recharge if necessary	●	●	●	●	●
Check tyre conditions/wear and adjust pressure, if required	●	●	●	●	●
Check operation of lighting system (headlights, direction indicators, hazard warning lights, luggage compartment, passenger compartment, glove compartment, instrument panel warning lights, etc.)	●	●	●	●	●
Check operation of windscreen wiper/washer system and adjust jets, if necessary	●	●	●	●	●
Check the position/wear of the windscreen/rear window wiper blades	●	●	●	●	●
Check cleanliness of bonnet and luggage compartment locks, as well as cleanliness and lubrication of linkages	●	●	●	●	●
Visually inspect condition of: exterior bodywork, underbody protection, pipes and hoses (exhaust - fuel system - brakes), rubber elements (boots, sleeves, bushes, etc.)	●	●	●	●	●
Check condition and wear of front disc brake pads and operation of pad wear indicator	●	●	●	●	●
Check condition and wear of rear disc brake pads and operation of pad wear indicator	●	●	●	●	●
Check and, if necessary, top up fluid levels (engine cooling, hydraulic clutch/ brakes, windscreen washer, battery, etc.)	●	●	●	●	●
Visual check of accessory drive belt(s) (versions without automatic tensioner)		●			

Thousands of miles	**21**	**42**	**63**	**84**	**105**
Thousands of kilometres	**35**	**70**	**105**	**140**	**175**
Months	**24**	**48**	**72**	**96**	**120**
Check tensioning of accessory drive belt (versions without automatic tensioner) (or every 24 months)	●				●
Check toothed timing drive belt conditions (1.3 16V MultiJet versions excluded)		●			
Check handbrake lever travel and adjust, if required	●	●	●	●	●
Check exhaust emissions/smokiness	●	●	●	●	●
Check engine control system operation (through diagnosis socket)	●	●	●	●	●
Check manual gearbox oil level			●		
Replace fuel filter cartridge		●		●	
Replace accessory drive belt(s)				●	
Replace toothed timing drive belt (1.3 16V MultiJet versions excluded) (*)				●	
Replace air cleaner cartridge (every 35,000 km for 1.3 16V MultiJet versions)		●		●	
Change engine oil and replace oil filter (**) (***)					
Change brake fluid (or every 24 months)		●		●	
Change pollen filter (or every 12 months)	●	●	●	●	●

(*) Regardless of the distance covered, the timing belt must be changed every four years for particularly demanding use (cold climates, city driving, long periods of idling) or at least every five years in all other cases.

(**) If the car is used mainly for town driving, the engine oil and filter should be changed every 12 months.

(***) The actual interval for changing the oil and replacing the engine oil filter depends on the car usage conditions and is signalled by the warning light or message (if present) in the instrument panel and must never exceed 24 months.

PERIODIC CHECKS

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

- ❒ engine coolant, brake fluid and windscreen washer fluid level;
- ❒ tyre inflation pressure and condition;
- ❒ operation of lighting system (headlights, direction indicators, hazard warning lights, etc.);
- ❒ operation of screen washer/wiper system and positioning/wear of windscreen/rear window wiper blades.

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

HEAVY-DUTY USE OF THE CAR

If the car is mainly used in one of the following conditions:

- ❒ towing a trailer or caravan;
- ❒ dusty roads;
- ❒ short, repeated journeys (less than 7-8 km) at sub-zero outside temperatures;
- ❒ engine often idling or driving long distances at low speeds or long periods of idleness;

the following checks must be performed more frequently than prescribed in the Scheduled Servicing Plan:

- ❒ check front disc brake pad conditions and wear;
- ❒ check cleanliness of bonnet and boot locks, cleanliness and lubrication of linkage;
- ❒ visually inspect conditions of: engine, gearbox, transmission, pipes and hoses (exhaust - fuel system - brakes) and rubber elements (boots - sleeves - bushes - etc.);
- ❒ check battery charge and battery fluid level (electrolyte);
- ❒ visually inspect condition of the accessory drive belts;
- ❒ check and, if necessary, change engine oil and replace oil filter;
- ❒ check and, if necessary, replace pollen filter;
- ❒ check and, if necessary, replace air cleaner.

CHECKING LEVELS



WARNING

Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.



WARNING

Be very careful when working in the engine compartment when the engine is hot: you may get burned. Remember that the fan may start up if the engine is hot: this could injure you. Scarves, ties and other loose clothing might be pulled by moving parts.



When topping up, take care not to mix up the various types of fluids: they are not compatible with each other and could seriously damage the car.

0.9 TwinAir Turbo 105 HP versions

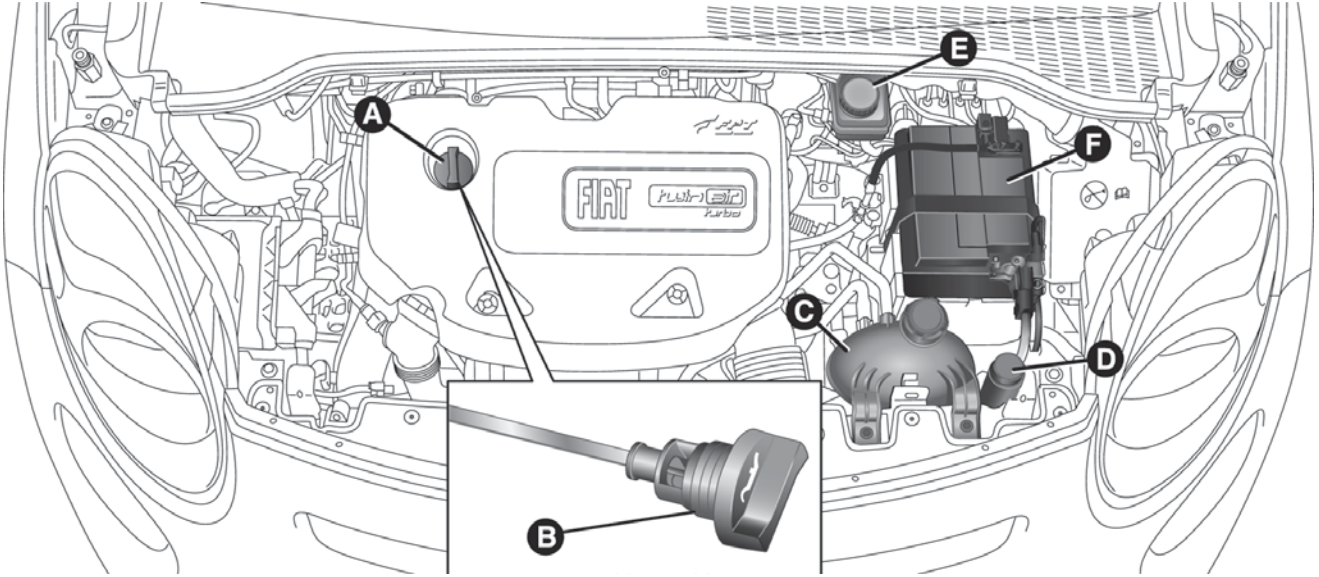


fig. 212 F0Y0180

A. Engine oil dipstick B. Engine oil plug/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery

1.4 16V versions

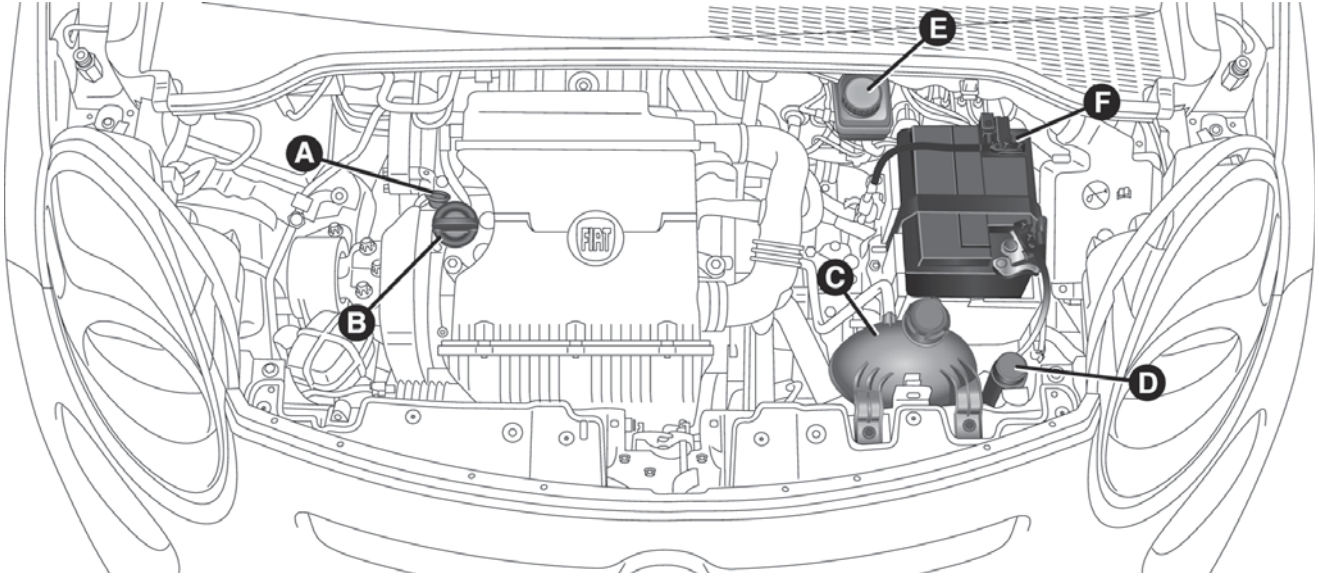


fig. 213 F0Y0181

A. Engine oil dipstick B. Engine oil plug/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery

1.3 16V MultiJet versions

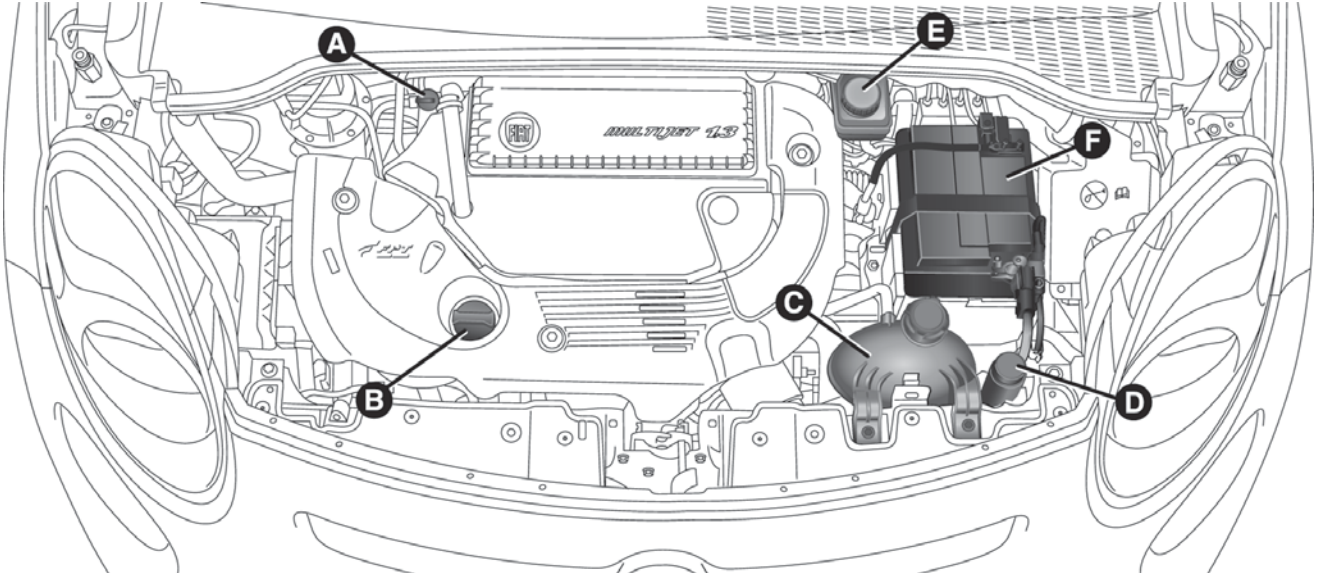


fig. 214 F0Y0182

A. Engine oil dipstick B. Engine oil plug/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery

1.6 16V MultiJet versions

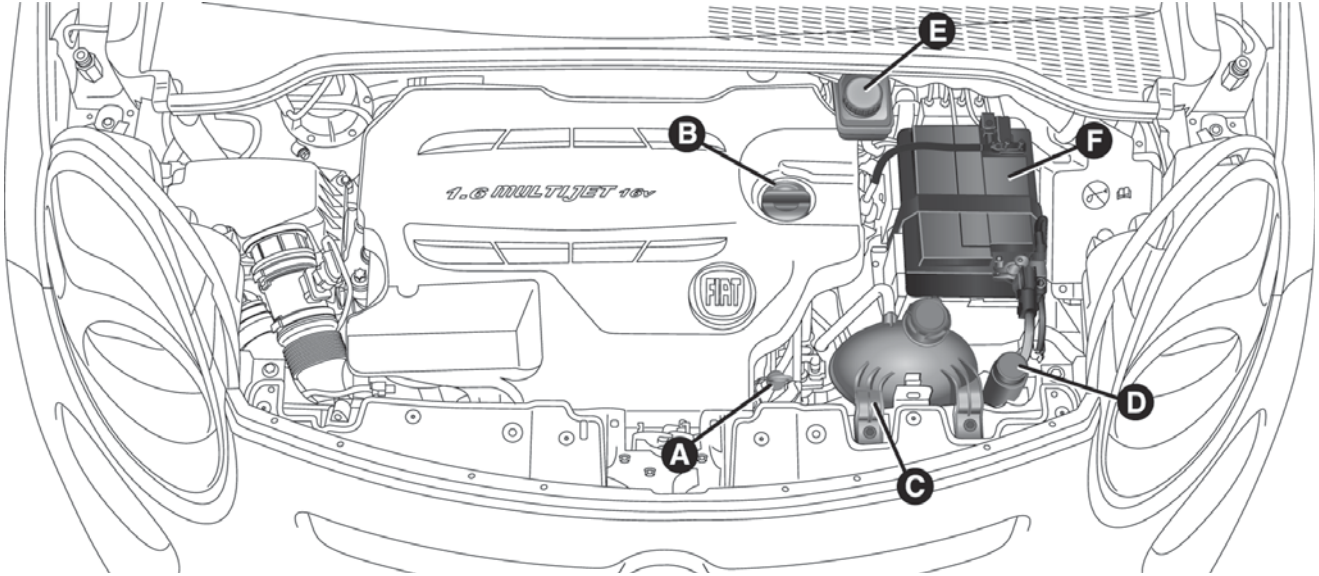


fig. 215 F0Y0314

A. Engine oil dipstick B. Engine oil plug/filler C. Engine coolant D. Windscreen/rear window washer fluid E. Brake fluid F. Battery

ENGINE OIL

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

For 1.4 16V, 1.3 16V MultiJet and 1.6 16V MultiJet versions

Remove the engine oil dipstick A, clean it with a lint-free cloth and reinsert it. Extract the engine oil dipstick again and check that the level is between the MIN and MAX marks on the dipstick.

The range between the MIN and MAX marks corresponds to about 1 litre of oil.

If the oil level is near or under the MIN line, add oil through the filler B until it reaches the MAX line.



The oil level must never exceed the MAX mark.

For 0.9 TwinAir 105 HP versions

The engine oil dipstick A is integral with plug B. Undo the plug, clean the dipstick with a cloth that does not leave traces, reinsert the dipstick and re-tighten the plug.

Unscrew the plug again and check that the engine oil level is between the MIN and MAX marks on the dipstick.

Engine oil consumption

The maximum engine oil consumption is approximately 400 grams every 1,000 km.

During the initial period of usage for the vehicle, the engine is bedding in, therefore the engine oil consumption may settle down only after the first 5,000 - 6,000 km.

IMPORTANT After adding or changing the oil, let the engine run for a few seconds and wait a few minutes after switching it off before checking the level.



Do not add oil with characteristics that are different from those of the oil currently in the engine.



Used engine oil and oil filters contain substances which are harmful to the environment. To change the oil and filters, we advise you to contact a Fiat Dealership.

ENGINE COOLANT

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

If the level is too low, undo the reservoir plug C (see previous pages) and add the fluid described in the chapter "Technical Specifications".



PARAFLU UP anti-freeze is used in the engine cooling system. Use the same fluid as in the cooling system when topping up. PARAFLU UP cannot be mixed with any other type of fluid. If this happens, do not start the engine and contact a Fiat Dealership.



WARNING

The cooling system is pressurised. If necessary, replace the plug with another of equivalent quality and the same specifications as the original, otherwise the efficiency of the system may be adversely affected. Do not remove the reservoir plug when the engine is hot: you risk scalding yourself.

WINDSCREEN/REAR WINDOW WASHER FLUID

If the level is too low, raise the reservoir plug D (see previous pages) and add the fluid described in the chapter "Technical Specifications".



WARNING

Do not travel with the windscreen washer reservoir empty: the windscreen washer is essential for improving visibility. Some commercial windscreen washer additives are flammable. The engine compartment contains hot components which may set it on fire.

BRAKE FLUID

Check that the liquid is at the maximum level (the fluid level in the reservoir must not exceed the MAX. mark).

If the fluid level in the tank is too low, undo the reservoir plug E (see previous pages) and add the fluid described in the chapter "Technical Specifications".

Note Carefully clean the plug of the reservoir E and the surrounding surface.

When opening the plug, make sure that no dirt gets into the reservoir.

For topping-up, always use a funnel with integrated filter with mesh equal to or lower than 0.12 mm.

IMPORTANT Brake fluid is hygroscopic (i.e. it absorbs moisture). For this reason, if the car is mainly used in areas with a high degree of atmospheric humidity, the fluid must be replaced at more frequent intervals than specified in the “Scheduled Servicing Plan”.



Prevent brake fluid, which is highly corrosive, from coming into contact with painted parts. Should it happen, immediately wash with water.



WARNING

Brake fluid is poisonous and highly corrosive. In the event of accidental contact, immediately wash the affected parts with water and neutral soap. Then rinse thoroughly. Call a doctor immediately if swallowed.



WARNING

The symbol ◎ on the container indicates a synthetic brake fluid, distinguishing it from the mineral type. Using a mineral-type fluid will damage the special rubber seals of the braking system beyond repair.

AIR CLEANER/POLLEN FILTER/DIESEL FILTER

For filter replacement, contact a Fiat Dealership.

BATTERY

The battery does not require the electrolyte to be topped up with distilled water. A periodic check, which can be carried out at a Fiat Dealership is, however, necessary to check efficiency.

REPLACING THE BATTERY

If necessary, replace the battery with another of equivalent quality and the same specifications as the original. Follow the battery manufacturer's instructions for maintenance.

USEFUL ADVICE FOR EXTENDING THE LIFE OF YOUR BATTERY

To avoid draining your battery and make it last longer, observe the following instructions:

- ❒ when you park the car, ensure that the doors, tailgate and bonnet are closed properly, to prevent any roof lights from remaining on inside the passenger's compartment;
- ❒ switch off the internal roof lights. The car is, however, equipped with a system which switches the interior lights off automatically;
- ❒ do not keep accessories (e.g. sound system, hazard lights, etc.) switched on for a long time when the engine is not running;
- ❒ before performing any operation on the electrical system, disconnect the negative battery cable;
- ❒ completely tighten the battery terminals.

IMPORTANT If the charge level remains under 50% for a long time, the battery is damaged by sulphation, reducing its capacity and efficiency at start-up.

The battery will also be more at risk of freezing (this can happen as early as -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 wish to install electrical accessories which require permanent electrical supply (alarm, etc.) or accessories which influence the electrical supply requirements, contact a Fiat Dealership, whose qualified staff will evaluate the overall electrical consumption.

WARNING

Battery fluid is poisonous and corrosive. Avoid contact with the skin and eyes. Keep open flames away from the battery and do not use objects that might create sparks: risk of explosion and fire.

WARNING

Using the battery with insufficient fluid irreparably damages the battery and may cause an explosion.

Incorrect installation of electrical and electronic devices may cause severe damage to your car. After purchasing your car, if you wish to install any accessories (anti-theft, car phone, etc.), contact a Fiat Dealership, which will suggest the most appropriate devices for your vehicle, and will, most importantly, advise you if a higher capacity battery needs to be installed.

Batteries contain substances which are very dangerous for the environment. For battery replacement, contact a Fiat Dealership.

WARNING

If the car will be unused for an extended period of time in extremely cold weather conditions, remove the battery and store it in a heated area to prevent it from freezing.

WARNING

Always wear appropriate goggles when working on or near the battery.

BRAKES

The car is equipped with 4 mechanical wear detection systems for brake pads: one for each wheel assembly.

When the brake linings are about to wear out, pressing the brake pedal, a light hiss is heard: this indication lasts around 100 km (depending on the driving style and the route type).

In these circumstances it is still possible, proceeding with caution, to carry on driving.

In any case, contact a Fiat Dealership as soon as possible to have the worn brake pads replaced.

WHEELS AND TYRES

Before long trips, and every two weeks, check the tyre and space-saver wheel inflation pressure (for versions/markets, where provided). Check the tyres when cold.

While driving the car, the pressure increases under standard conditions: for the correct tyre inflation pressure, see "Wheels" paragraph in the "Technical specifications" chapter.

Incorrect pressure causes abnormal tyre wear fig. 216:

A normal pressure: tread evenly worn;

B low pressure: tread particularly worn at the edges;

C high pressure: tread particularly worn in the centre.

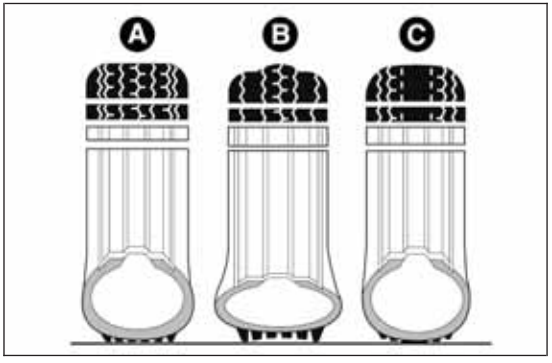


fig. 216 F0Y0006

The tyres must be replaced when the tread is less than 1.6 mm thick. In any case, follow the laws in force in the country where you are driving.

IMPORTANT

Take the following precautions to prevent damage to the tyres:

- ❒ avoid braking suddenly, racing starts and violent impact against the curb, potholes or other obstacles and driving for extended periods on uneven road surfaces;
- ❒ periodically check that the tyres have no cuts in the side wall, abnormal swelling or irregular tread wear;
- ❒ avoid travelling with the car overloaded. If a tyre is punctured, stop immediately and change it;
- ❒ tyres age even if they are not used much. Cracks in the tread rubber and at the sides 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. Also remember to check the space-saver wheel very carefully (for versions/markets, where provided);
- ❒ alternate the tyres, between front and rear, every 10-15 thousand kilometres, keeping them on the same side of the car so as not to reverse the direction of rotation;
- ❒ In the case of replacement, always fit new tyres, avoiding those of dubious origin;
- ❒ if a tyre is changed, also change the inflation valve.

WARNING

The road holding qualities of the car also depend on the correct inflation pressure of the tyres.

WARNING

If tyre pressure is too low, it may overheat and be severely damaged as a result.

WARNING

Do not cross switch the tyres, moving them from the right of the car to the left and vice versa.

WARNING

Do not repaint alloy wheel rims at temperatures higher than 150°C. The mechanical characteristics of the wheels might be compromised.

WINDSCREEN/REAR WINDOW WIPER

BLADES

Replace the blades if the rubber edge is deformed or worn. In any event, it is advisable to replace them approximately once a year.

A few simple precautions can reduce the possibility of damage to the blades:

- ❒ if the temperature falls below zero, make sure that ice has not frozen the rubber against the glass. Use an antifreeze product to release it if required;
- ❒ remove any snow from the glass: in addition to protecting the blades, this prevents effort on the motor and over-heating;
- ❒ do not operate the windscreen/rear window wipers on dry glass.

WARNING

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

Lifting the wiper blades

If it is necessary to raise the blades from the windscreen (e.g. in the event of snow or if the blades need replacement) proceed as follows:

- ❒ turn ring nut A fig. 217 in position O (windscreen wiper off);
- ❒ ignition key turned to the OFF position;
- ❒ after turning the ignition key to STOP, move for at least half a second the right lever in unstable position within 2 minutes to activate the windscreen wiper for a wiping section;
- ❒ the previous operation can be repeated for a maximum of 3 times in order to move the blades in the most convenient position for their possible replacement;
- ❒ to lower the blades again turn the key to MAR-ON.

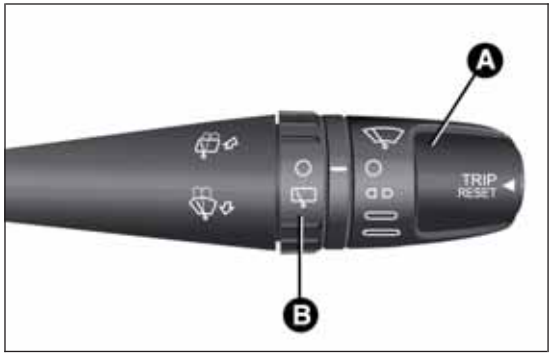


fig. 217 F0Y0049

IMPORTANT Place the blades back in contact with the windscreen before activating the windscreen wiper again and/or turning the ignition key to MAR-ON.

Replacing the windscreen wiper blades

Proceed as follows:

- ❒ raise the wiper arm, press tab A fig. 218 of the attachment spring and remove the blade from the arm;
- ❒ fit the new blade, inserting the tab into the special slot in the arm, making sure that it is locked.
- ❒ lower the windscreen wiper arm on the windscreen.

Do not operate the windscreen wiper with the blades lifted from the windscreen.

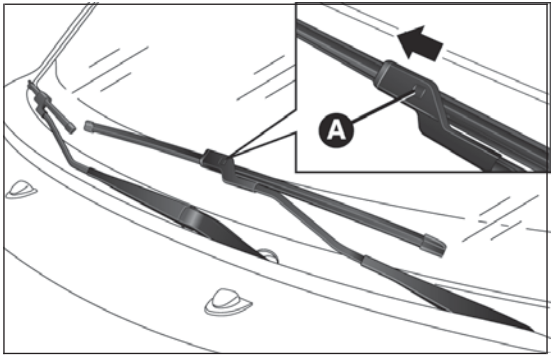


fig. 218 F0Y0114

Replacing the rear window wiper blade

Proceed as follows:

❒ raise cover A fig. 219, undo nut B and remove arm C;

❒ correctly position the new arm, fully tighten nut B then lower cover A.

SPRAY NOZZLES

Windscreen washer

The window washer jets A fig. 220 are fixed. If there is no jet of fluid, firstly check that there is fluid in the reservoir (see paragraph "Checking fluid levels" in this chapter).

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

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

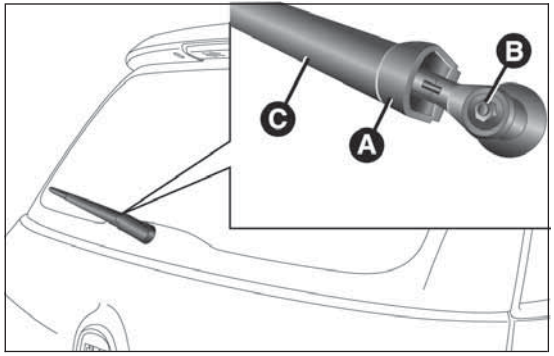


fig. 219 F0Y0208

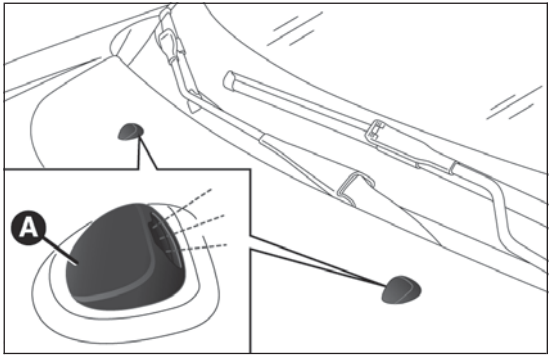


fig. 220 F0Y0209

Rear window washer

The rear window washer jets are fixed. The nozzle holder is on the rear window fig. 221.

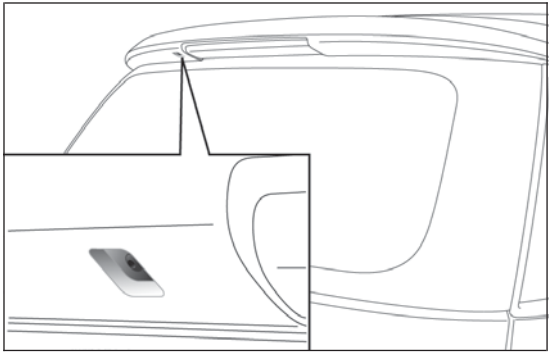


fig. 221 F0Y0210

BODYWORK

PROTECTION FROM ATMOSPHERIC AGENTS

The car is equipped with the best available technological solutions to 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 the underbody, engine compartment, wheel arch interiors and other parts with highly protective wax products
- ❒ spraying of plastic parts, with a protective function in the more exposed points: underdoor, inner wing, edges, etc.
- ❒ use of "open" boxed sections to prevent condensation and pockets of moisture from triggering rust inside.

BODY AND UNDERBODY WARRANTY

Your car is covered by warranty against perforation due to corrosion of any original element of the structure or body.

For the general terms of this warranty, refer to your Warranty Booklet.

PRESERVING THE BODYWORK

Paint

Touch up abrasions and scratches immediately to prevent the formation of rust.

Maintenance of paintwork consists of washing the car: the frequency depends on the conditions and environment where the car is used. For example, in highly polluted areas, or if the roads are spread with salt, it is advisable to wash the car more frequently.

To wash the car correctly, proceed as follows:

- ❒ remove the aerial from the roof to prevent damage to it if the car is washed in an automatic system;
- ❒ if high pressure jets or cleaners are used to wash the car, keep a distance of at least 40 cm from the bodywork to avoid damage or alteration. It should be remembered that the build up of water can damage the car over a period of time;
- ❒ wash the body using a low pressure jet of water;
- ❒ wipe the bodywork using a sponge with a slightly soapy solution, frequently rinsing the sponge;
- ❒ rinse well with water and dry with a jet of air or a chamois leather.

Dry the less visible parts (e.g. door frames, bonnet, headlight frames etc.) with special care, as water may stagnate more easily in these areas. The car should not be taken to a closed area immediately, but left outside 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 car.

Avoid parking under trees as much as possible; the resin from trees dulls the paintwork and increases the possibility of corrosion.

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



Detergents pollute the environment. Only wash your car in areas equipped to collect and treat wastewater from this type of activity.



In order to preserve the aesthetic properties of the paintwork, abrasive products and/or polishes should not be used to clean the car.

Windows

Use specific detergents and clean cloths to prevent scratching or altering the transparency.

IMPORTANT Wipe the inside surface of the rear window gently with a cloth in the direction of the filaments to avoid damaging the heating device.

Front headlights

Use a soft, damp cloth soaked in water and detergent for washing cars.

IMPORTANT Never use aromatic substances (e.g. petrol) or ketenes (e.g. acetone) for cleaning the plastic lenses of the front headlights.

IMPORTANT When cleaning with a pressure washer, keep the water jet at least 20 cm away from the headlights.

Engine compartment

At the end of every winter, wash the engine compartment thoroughly, taking care not to aim the jet of water directly at the electronic control units or at the windscreen wiper motors. Have this operation performed at a specialised workshop.

IMPORTANT The washing should take place with the engine cold and the ignition key in the STOP position. After washing, make sure that the various protective devices (e.g. rubber caps and guards) have not been removed or damaged.

INTERIORS

Periodically check for water puddles under the mats that could cause the panels to rust.

WARNING

Never use flammable products, such as petrol ether or rectified petrol to clean the inside of the car. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.

WARNING

Do not keep aerosol cans in the car: they might explode. Aerosol cans must not be exposed to temperatures above 50°C. Temperatures may greatly exceed this value inside a car exposed to direct sunlight.

SEATS AND FABRIC PARTS

Remove dust with a soft brush or a vacuum cleaner. It is advisable to use a moist brush on velvet upholstery.

Rub the seats with a sponge and a solution of water and mild soap.

PLASTIC AND COATED PARTS

Clean interior plastic parts with a damp cloth (if possible made from microfibre), and a solution of water and neutral, non-abrasive detergent. To clean oily or persistent stains, use specific products free from solvents and designed to maintain the original appearance and colour of the components.

Remove any dust using a microfibre cloth, if necessary moistened with water. The use of paper tissues is not recommended as these may leave residues.

IMPORTANT Never use alcohol, petrols and derivatives to clean the instrument panel lens.

LEATHER PARTS

(for versions/markets, where provided)

Use only water and neutral soap to clean these parts. Never use alcohol or alcohol-based products. Before using a specific product for cleaning interiors, make sure that it does not contain alcohol and/or alcohol based substances.

IDENTIFICATION DATA

We recommend taking note of the identification codes. The following identification codes are printed and shown on the plates:

❒ VIN plate.

❒ Chassis marking.

❒ Bodywork paint identification plate.

❒ Engine marking.

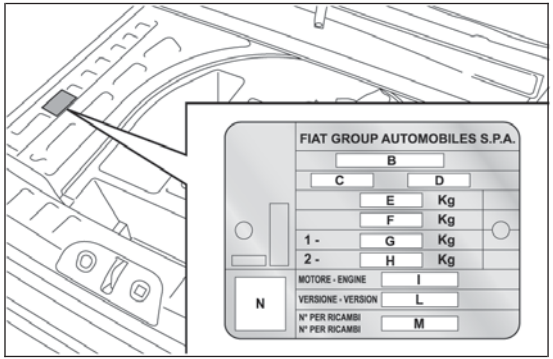


fig. 222 F0Y0130

V.I.N. PLATE

This is applied on the left side of the luggage compartment fig. 222 (lift the mat for access) and bears the following data:

B Type-approval number.

C Vehicle type identification code.

D Chassis serial number.

E Maximum authorised weight of vehicle fully laden.

F Maximum authorised weight of vehicle fully laden plus trailer.

G Maximum authorised weight on first (front) axle.

H Maximum authorised weight on second (rear) axle.

I Engine type.

L Bodywork version code.

M Number for spare parts.

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

BODYWORK PAINT IDENTIFICATION PLATE

This is fitted to the inside of the tailgate and bears the following data fig. 223:

A Paint manufacturer.

B Colour name.

C Fiat colour code.

D Respray and touch up colour code.

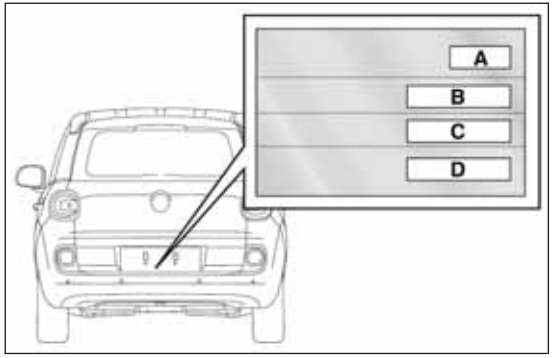


fig. 223 F0Y0003

CHASSIS MARKING

This is etched on the crossmember under the passenger side seat and bears the following data:

❒ type of vehicle

❒ chassis serial number.

ENGINE MARKING

This is stamped on the cylinder block and gives the model and the chassis serial number.

ENGINE CODES - BODY VERSIONS

Versions	Engine codes	Body versions
0.9 TwinAir Turbo 105 HP	199B6000	199LYC1B L2B
		199LYC1B L2E (*)
		199LYC1B L2G (**)
1.4 16V	843A1000	199LYB1B L1
		199LYB1B L1B (**)
1.3 16V MultiJet	199B4000	199LXY1A L0H
		199LXY1A L0D (**)
1.6 16V MultiJet	199B5000	199LYD1B L4B
		199LYD1B L4D (**)

(*) For versions/markets, where provided
(**) Trekking versions

ENGINE

Versions	0.9 TwinAir Turbo 105 HP	1.4 16V
Engine code	199B6000	843A1000
Cycle	Otto	Otto
Number and arrangement of cylinders	2 in line	4 in line
Piston diameter and travel (mm)	80.5 x 86.0	72.0 x 84.0
Total displacement (cm^3)	875	1368
Compression ratio	10 ± 0.2	11 ± 0.2
Maximum power (EC) (kW)	77/72 (*)	70
Maximum power (EC) (HP)	105/98 (*)	95
corresponding engine speed (rpm)	5500/5750 (*)	6000
Maximum torque (EC) (Nm)	145/120 (*)	127
Maximum torque (EC) (kgm)	14.8/12.2 (*)	12.9
corresponding engine speed (rpm)	2000/1750 (*)	4500
Spark plugs	NGK ILKR9G8	NGK DCPR7E-N-10
Fuel	Unleaded petrol 95 RON (EN 228 Specification)	Unleaded petrol 95 RON (EN 228 Specification)

(*) With ECO button pressed

Versions	1.3 16V MultiJet	1.6 16V MultiJet
Engine code	199B4000	199B5000
Cycle	Diesel	Diesel
Number and arrangement of cylinders	4 in line	4 in line
Piston diameter and travel (mm)	69.6 x 82.0	79.5 x 80.5
Total displacement (cm^3)	1248	1598
Compression ratio	16.8 ± 0.4	16.5 ± 0.4
Maximum power (EC) (kW)	62	77
Maximum power (EC) (HP)	85	105
corresponding engine speed (rpm)	3500	3750
Maximum torque (EC) (Nm)	200	320
Maximum torque (EC) (kgm)	20.4	32.6
corresponding engine speed (rpm)	1500	1750
Fuel	Diesel for automotive engines (EN 590 Specification)	Diesel for automotive engines (EN 590 Specification)

FUEL SUPPLY

Versions	Power supply
0.9 TwinAir Turbo 105 HP	Multipoint sequential timed electronic injection, with knock control and variable intake valve actuation
1.4 16V	Multipoint sequential timed electronic injection, returnless system
1.3 16V MultiJet - 1.6 16V MultiJet	Electronically controlled Common Rail MultiJet direct injection with turbo and intercooler

WARNING

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

TRANSMISSION

Versions	Gearbox	Clutch	Drive
0.9 TwinAir Turbo 105 HP	Six forward gears plus reverse with synchronisers for forward gear engagement	Self-adjusting pedal without idle stroke	Front
1.4 16V			
1.6 16V MultiJet			
1.3 16V MultiJet	Five forward gears and reverse with synchronizers for forward gear engagement		

BRAKES

Versions	Front service brakes	Rear service brakes	Parking brake
0.9 TwinAir Turbo 105 HP	Self-ventilated disc	Disc	Controlled by handbrake lever, acting on the rear brakes
1.4 16V			
1.3 16V MultiJet			
1.6 16V MultiJet			

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

SUSPENSION

Versions	Front	Rear
0.9 TwinAir Turbo 105 HP	Independent, MacPherson type with lower transversal wishbones and anti-roll bar secured to an auxiliary crossmember	Interconnected wheels by means of torsion beam
1.4 16V		
1.3 16V MultiJet		
1.6 16V MultiJet		

STEERING

Versions	Turning circle (m)	Type
0.9 TwinAir Turbo 105 HP	10,7	Rack and pinion with electric power steering
1.4 16V	10,7	
1.3 16V MultiJet	10,7	
1.6 16V MultiJet	10.7	

WHEELS

RIMS AND TYRES

Pressed steel or alloy rims. Tubeless radial carcass tyres. All approved tyres are listed in the registration document.

IMPORTANT If there are any discrepancies between the Owner Handbook and the registration document, take the information from the latter. For safe driving, the car must be fitted with tyres of the same make and type on all wheels.

IMPORTANT Do not use tubes with tubeless tires.

WHEEL GEOMETRY

Front wheel toe-in measured from rim to rim: -0.5 ± 1 mm.

The values refer to the car in running order.

CORRECT TYRE READING

Example fig. 224: 195/65 R 15 82T

195 Rated width (S, distance in mm between sidewalls)

65 Height/width ratio (H/S) as a percentage

R Radial tyre

15 Rim diameter in inches (Ø)

82 Load rating (capacity)

T Maximum speed rating

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

Maximum speed index for snow tyres

QM + S up to 160 km/h
TM + S up to 190 km/h
HM + S up to 210 km/h

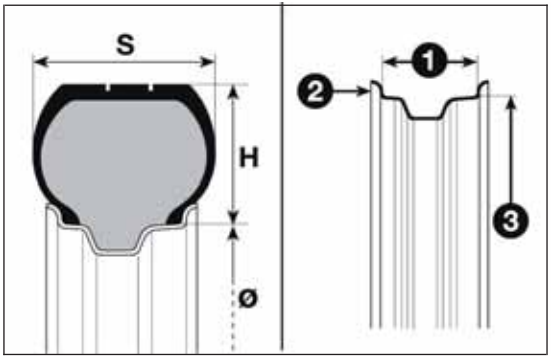


fig. 224 F0Y0004

Load rating (capacity)	
70 = 335 kg	**81** = 462 kg
71 = 345 kg	**82** = 475 kg
72 = 355 kg	**83** = 487 kg
73 = 365 kg	**84** = 500 kg
74 = 375 kg	**85** = 515 kg
75 = 387 kg	**86** = 530 kg
76 = 400 kg	**87** = 545 kg
77 = 412 kg	**88** = 560 kg
78 = 425 kg	**89** = 580 kg
79 = 437 kg	**90** = 600 kg
80 = 450 kg	**91** = 615 kg

CORRECT READING OF THE RIM CODE

Example fig. 224: 6 J x 15 H2

6 rim width in inches (1).

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

15 rim fitting diameter in inches (corresponds to diameter of the tyre to be mounted) (3 = Ø).

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

WHEELS AND TYRES PROVIDED

Versions	Wheels	Tyres	Snow tyres	Space-saver wheel (*) Rim Tyre
0.9 TwinAir Turbo 105 HP	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H(*)	225/45 R17 91Q (M+S)	
1.4 16V	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H(*)	225/45 R17 91Q (M+S)	

(*) For versions/markets, where provided

Versions	Wheels	Tyres	Snow tyres	Space-saver wheel (*) Rim Tyre
1.3 16V MultiJet	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5 6½Jx16 H2 ET 39 (*)	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	7Jx17 H2 ET 41	225/45 R17 91H(*)	225/45 R17 91Q (M+S)	
1.6 16V MultiJet	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5 6½Jx16 H2 ET 39 (*)	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	7Jx17 H2 ET 41	225/45 R17 91H(*)	225/45 R17 91Q (M+S)	

(*) For versions/markets, where provided

Trekking versions

Versions	Wheels	Tyres	Snow tyres	Space-saver wheel (*) Rim Tyre
0.9 TwinAir Turbo 105 HP – 1.4 16V – 1.3 16V MultiJet – 1.6 16V MultiJet	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H(*)	225/45 R17 91Q (M+S)	

(*) For versions/markets, where provided

Note Reduced-width snow chains with a maximum projection of 9 mm beyond the tyre profile can be fitted on 195/65 R15 91H and 205/55 R16 91H tyres. 225/45 R17 91H tyre cannot be fitted with snow chains.

COLD TYRE INFLATION PRESSURE (bar)

Add +0.3 bar to the prescribed pressure when the tyres are warm.

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

Recheck pressure value with cold tyres.

Tyres	No load/medium load		Full load		Space-saver wheel(*)
	Front	Rear	Front	Rear	
195/65 R15 91H	2,2 / 2,4 (**)	2,0 / 2,4 (**)	2,5 / 2,8 (**)	2,5 / 2,9 (**)	4,2
205/55 R16 91H	2.2 / 2.4 (**)	2.0	2.5	2.5	
225/45 R17 91H	2.2 / 2.4 (**)	2.0	2.5	2.5	

(*) For versions/markets, where provided
(**) 1.6 16V MultiJet version

Trekking versions

Tyres	No load/medium load		Full load		Space-saver wheel(*)
	Front	Rear	Front	Rear	
205/55 R16 91H	2.4	2.2	2.6	2.8	4.2
225/45 R17 91H	2.4	2.2	2.6	2.8	

(*) For versions/markets, where provided

RIM PROTECTOR TYRES

WARNING

DO NOT fit wheel hub caps when using integral hub caps fixed (with springs) to the steel rim and after sale tyres provided with Rim Protector (fig. 225). Use of unsuitable tyres and hub caps may cause sudden loss of tyre pressure.



fig. 225 F0Y0005

DIMENSIONS

The dimensions are expressed in mm fig. 226 and refer to the vehicle equipped with its original tyres. Height is measured with vehicle unladen.

LUGGAGE COMPARTMENT VOLUME Capacity (V.D.A. standards) = 400 litres (1310 litres with rear seats completely folded down).

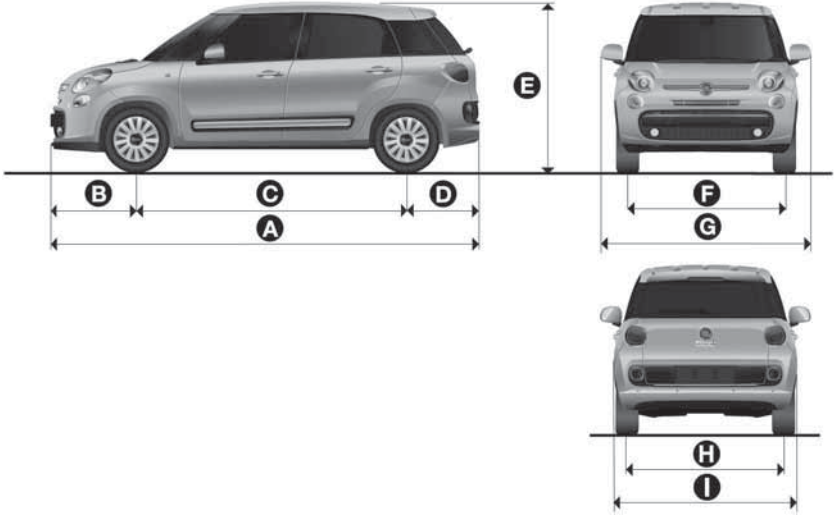


fig. 226 F0Y0214

A	B	C	D	E	F (*)	G	H (*)	I
4147	829	2612	706	1658	1522	2018	1519	1784

(*) Minor variations in size are possible depending on the dimensions of the rims.

TREKKING VERSIONS

The dimensions are expressed in mm fig. 227 and refer to the vehicle equipped with its original tyres. Height is measured with vehicle unladen.

LUGGAGE COMPARTMENT VOLUME Capacity (V.D.A. standards) = 400 litres (1310 litres with rear seats completely folded down).

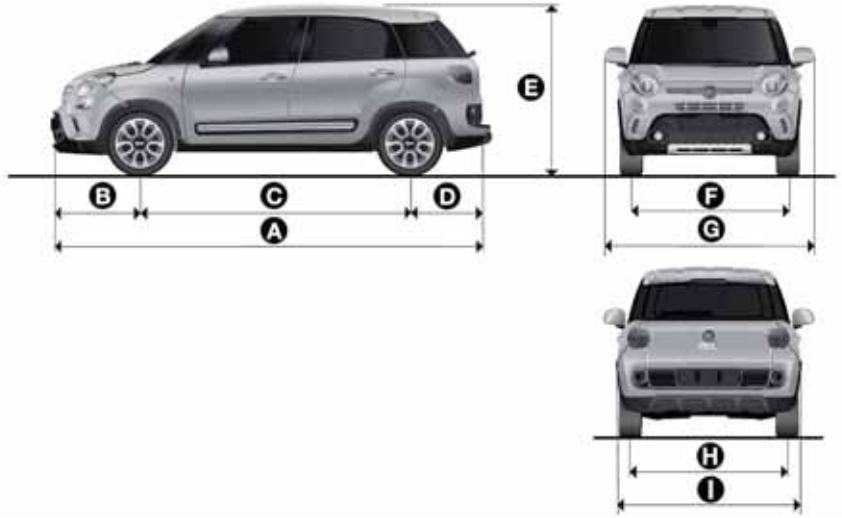


fig. 227 F0Y0334

A	B	C	D	E	F (*)	G	H (*)	I
4270	868	2612	790	1679	1513/1522	2018	1511/1519	1800

(*) Minor variations in size are possible depending on the dimensions of the rims.

PERFORMANCE

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

Versions	km/h
0.9 TwinAir Turbo 105 HP	180
1.4 16V	170
1.3 16V MultiJet	165
1.6 16V MultiJet	181

Trekking versions

Versions	km/h
0.9 TwinAir Turbo 105 HP	173
1.4 16V	165
1.3 16V MultiJet	160
1.6 16V MultiJet	175

WEIGHTS AND LOADS

Versions	0.9 TwinAir Turbo 105 HP	1.4 16V
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment) (kg):	1260 / 1270 (***)	1245 / 1255 (***)
Payload including the driver (kg): (*)	560 / 545 (***)	560 / 545 (***)
Maximum permitted loads (kg) (**)		
– front axle:	1050	1050
– rear axle:	1000	1000
– total:	1820 / 1815 (***)	1805 / 1800 (***)
Towable loads (kg)	1000	1000
– braked trailer:		
– non-braked trailer:	400	400
Maximum load on roof:	60	60
Maximum load on the ball (braked trailer) (kg):	60	60

(*) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases, thus reducing the specified payload in relation to the maximum permissible loads.

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

(***) Trekking versions

Versions	1.3 16V MultiJet	1.6 16V MultiJet
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment) (kg):	1295 /1305 (***)	1365 / 1375 (***)
Payload including the driver (kg): (*)	550 / 545 (***)	560 / 550 (***)
Maximum permitted loads (kg) (**)		
– front axle:	1050	1050
– rear axle:	1000	1000
– total:	1845 / 1850 (***)	1925
Towable loads (kg)	1000	1100
– braked trailer:		
– non-braked trailer:	400	400
Maximum load on roof:	60	60
Maximum load on the ball (braked trailer) (kg):	60	60

(*) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases, thus reducing the specified payload in relation to the maximum permissible loads.

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

(***) Trekking versions

REFUELLING

Petrol versions	0.9 TwinAir Turbo 105 HP	1.4 16V	Prescribed fuels and original lubricants
Fuel tank capacity (litres):	50	50	Unleaded petrol not less than 95 RON (EN 228 specification)
including a reserve of (litres):	6 ÷ 8	6 ÷ 8	
Engine cooling system (litres):	5,3	4,5	50-50 mixture of water and PARAFLU UP (*)
Engine sump (litres):	2.8	2.8	SELENIA DIGITEK P.E. (0.9 TwinAir Turbo 105 HP version) SELENIA K P.E. (1.4 16V version)
Engine sump and filter (litres):	3,3	2,95	
Gearbox casing/differential (litres):	1,76	1,76	TUTELA TRANSMISSION GEARFORCE
Hydraulic brake circuit (kg):	0,5	0,5	TUTELA TOP 4
Windscreen and rear window washer fluid reservoir (litres):	2,9	2,9	Mixture of water and TUTELA PROFESSIONAL SC35

(*) For particularly harsh climate conditions, a mixture of 60% PARAFLU UP and 40% demineralised water is recommended.

Diesel versions	1.3 16V MultiJet	1.6 16V MultiJet	Prescribed fuels and original lubricants
Fuel tank (litres):	50	50	Diesel for automotive engines (EN 590 Specification)
including a reserve of (litres):	6 ÷ 8	6 ÷ 8	
Engine cooling system (litres):	5,9	6,35	Mixture of distilled water and 50% PARAFLU^{UP} (*)
Engine sump (litres):	3,0	4,3	SELENIA WR P.E.
Engine sump and filter (litres):	3,2	4,75	
Gearbox casing/differential (litres):	2,0	2,0	TUTELA TRANSMISSION GEARFORCE
Hydraulic brake circuit (kg):	0,5	0,5	TUTELA TOP 4
Windscreen and rear window washer fluid reservoir (litres):	2,9	2,9	Mixture of water and TUTELA PROFESSIONAL SC35

(*) For particularly harsh climate conditions, a mixture of 60% PARAFLU ^{UP} and 40% demineralised water is recommended.

FLUIDS AND LUBRICANTS

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

PRODUCT SPECIFICATIONS

Use	Fluid and lubricant features for a correct use of the car	Genuine fluids and lubricants	Replacement interval
Lubricant for petrol engines (0.9 TwinAir Turbo 105 HP version)	SAE 0W-30 ACEA C2 grade totally synthetic lubricant. FIAT Classification 9.55535-GS1.	**SELENIA DIGITEK P.E.** Contractual Technical Reference No. F020.B12	According to Scheduled Servicing Plan
Lubricant for petrol engines (1.4 16V version)	SAE 5W-40 ACEA C3 grade totally synthetic lubricant. FIAT Classification 9.55535-S2.	**SELENIA K P.E.** Contractual Technical Reference No. F603.C07	According to Scheduled Servicing Plan
Lubricant for diesel engines	SAE 5W-30 grade totally synthetic lubricant. FIAT Classification 9.55535-S1.	**SELENIA WR P.E.** Contractual Technical Reference No. F510.D07	According to Scheduled Servicing Plan

In case of emergency, if lubricants with the prescribed specifications are not available, products with the minimum indicated ACEA performance can be used for topping up; in this case optimal performance of the engine is not guaranteed.

For 0.9 TwinAir Turbo 105 HP engines only use lubricants with indicated SAE grade and specifications.



The use of products with specifications other than those indicated above could cause damage to the engine not covered by the warranty.

Use	Fluid and lubricant features for a correct use of the car	Genuine fluids and lubricants	Applications
Lubricants and greases for motion transmission	SAE 75W grade synthetic lubricant. FIAT Classification 9.55550-MZ6	**TUTELA TRANSMISSION GEARFORCE** Contractual Technical Reference No. F002.F10	Mechanical gearbox and differential
	Molybdenum disulphide grease, for use at high temperatures. Consistency NL.G.I. 1-2. FIAT Classification 9.55580	**TUTELA ALL STAR** Contractual Technical Reference No. F702.G07	Wheel side constant velocity joints
	Grease for constant velocity joints with low friction coefficient. Consistency NL.G.I. 0-1. FIAT Classification 9.55580	**TUTELA STAR 700** Contractual Technical Reference No. F701.C07	Differential side constant velocity joints
Brake fluid	Synthetic fluid for brake and clutch systems. Exceeds specifications: FMVSS no. 116 DOT 4, ISO 4925 SAE J1704 FIAT Classification 9.55597	**TUTELA TOP 4** Contractual Technical Reference No. F001.A93	Hydraulic brakes and hydraulic clutch controls

Use	Fluid and lubricant features for a correct use of the car	Genuine fluids and lubricants	Applications
Protective agent for radiators	Red protective agent with antifreeze action, based on inhibited monoethylene glycol with organic formula. Exceeds CUNA NC 956-16, ASTM D 3306 specifications. FIAT Classification 9.55523	**PARAFLU^{UP}** (*) Contractual Technical Reference No. F101.M01	Cooling circuit usage percentage: 50% water 50% PARAFLU^{UP} (**)
Diesel fuel additive	Additive for diesel with antifreeze and protective action for diesel engines.	**TUTELA DIESEL ART** Contractual Technical Reference No. F601.L06	To be mixed with the diesel (25 cc per 10 litres)
Windscreen/rear window washer fluid	Mixture of spirits and surfactants. Exceeds CUNA NC 956-11 specifications. FIAT Classification 9.55522	**TUTELA PROFESSIONAL SC 35** Contractual Technical Reference No. F201.D02	To be used diluted or undiluted in windscreen/rear window washer/wiper systems

(*) IMPORTANT Do not use fluids with different specifications for topping up or mixing.
(**) For particularly harsh climate conditions, a mixture of 60% **PARAFLU^{UP}** and 40% demineralised water is recommended.

FUEL CONSUMPTION

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

The 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 extra-urban use of the car: speed varies between 0 and 120 km/h;
- ❒ combined fuel consumption: calculated with a weighting of approximately 37% of the urban cycle and 63% of the extra-urban cycle.

IMPORTANT The type of route, traffic conditions, weather conditions, driving style, general condition of the car, trim level/equipment/accessories, use of the climate control system, car load, presence of roof racks and other situations that adversely affect the aerodynamics or wind resistance lead to different fuel consumption figures than those measured.

IMPORTANT The fuel consumption will get more regular only after having driven the first 3000 km.

FUEL CONSUMPTION ACCORDING TO THE CURRENT EUROPEAN DIRECTIVE (litres/100 km)

Versions	Urban	Extra-urban	Combined
0.9 TwinAir Turbo 105 HP (*)	5.7	4.3	4.8
0.9 TwinAir Turbo 105 HP (*) (**)	5.6	4.2	4.7
1.4 16V	8,3	5,0	6,2
1.3 16V MultiJet	5.0	3.7	4.2
1.6 16V MultiJet	5.4	3.9	4.5

Trekking versions

Versions	Urban	Extra-urban	Combined
0.9 TwinAir Turbo 105 HP (*)	6,0	4,6	5,1
1.4 16V	8,4	5,3	6,4
1.3 16V MultiJet	5,2	3,8	4,3
1.6 16V MultiJet	5,6	4,1	4,7

(*) Type approval test starting in 2nd gear.

(**) For versions/markets, where provided.

CO_2 EMISSIONS

The CO_2 emission levels given in the following tables refer to combined consumption.

Versions	CO_2 EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km)
0.9 TwinAir Turbo 105 HP	112
0.9 TwinAir Turbo 105 HP (*)	109
1.4 16V	145
1.3 16V MultiJet	110
1.6 16V MultiJet	117

(*) For versions/markets where provided.

Trekking versions

Versions	CO_2 EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km)
0.9 TwinAir Turbo 105 HP	119
1.4 16V	149
1.3 16V MultiJet	114
1.6 16V MultiJet	122

PRESCRIPTIONS FOR HANDLING THE VEHICLE AT THE END OF ITS LIFE

Fiat has been committed for many years to safeguarding the environment through the constant improvement of its production processes and manufacturing products that are increasingly compatible with the ecosystem. To grant customers the best possible service in terms of respecting environmental laws and in response to European Directive 2000/53/EC governing vehicles at the end of their life, Fiat is offering all customers the opportunity of handing over their vehicle* at the end of its life without incurring any additional costs.

The European Directive sets out that when the vehicle is handed over the last keeper or owner should not incur any expenses as a result of it having a zero or negative market value. In particular, in almost all European Union countries, until 1st January 2007, vehicles registered after 1st July 2002 will be collected free of charge, whilst from 2007 collection will be free of charge irrespective of the year of registration as long as the vehicle contains its basic components (in particular, the engine and bodywork) and has no additional waste.

To hand your vehicle over at the end of its life without extra cost, go to one of our Dealerships or Fiat-authorised collection and scrapping centres. These centres have been carefully chosen to offer high quality service for the collection, treatment and recycling of vehicles at their end of life, respecting the surrounding environment.

You can find further information on these collection and scrapping centres either from a Fiat and Fiat Commercial Vehicle Dealership or by calling the toll-free number 00800 3428 0000 or on the Fiat website.

* Vehicle for transporting passengers with a maximum of nine seats with a total permitted weight of 3.5 t

RADIOFREQUENCY REMOTE CONTROL: MINISTERIAL APPROVALS

MAGNETI MARELLI

EC - DECLARATION OF CONFORMITY

We,

Magneti Marelli Sistemi Elettronici S.p.A.
Viale A. Borletti 61/63, 20011 Corbetta, Italy

declare under our sole responsibility that the product:

Product Name: **BCML7**

Product Description: **Vehicle immobilizer for OEM application**

is in conformity with the essential requirements of the R&TTE Directive 1999/5/EC.

The product has been tested against the following standards and specifications:

EMC (art. 3.1b): ECE R10 Rev.03 (06/2010)
Relevant part of ECE R116 Rev.02 (10/2008)

Safety (art. 3.1a): Relevant part of ECE R116 Rev.02 810/2008)

Health (art. 3.1a): EN 50371 (2002)

Radio Spectrum (art. 3.2): EN 300 220-1/-2 (02/2010)
EN 300 330-1/-2 (02/2010)

The product is marked with CE marking and Notified Body number according to the Directive 1999/5/EC.

CE 0678

Place, Date of Issue

Venaria, April 2012

MAGNETI MARELLI S.p.A.
Daniele Cingolani
Body Electronics Quality Management

fig. 228

F0Y0277

MAGNETI MARELLI

EC - DECLARATION OF CONFORMITY

We,

Magneti Marelli S.p.A.- Lighting & Body Electronics
Viale A. Borletti 61/63, 20011 Corbetta, Italy

declare under our sole responsibility that the product:

Product Name: **TRF_TRASV**

Product Description: **Remote control for automotive application**

is in conformity with the essential requirements of the R&TTE Directive 1999/5/EC.

The product has been tested against the following standards and specifications:

Health (art. 3.1a): EN 50371 (2002)

Safety (art. 3.1a): EN 60950-1 (2006)

EMC (art. 3.1b): EN 301 489-1 (2006)
EN 301 489-3 (2002)

Radio Spectrum (art. 3.2): EN 300 220-2 (2007)

The product is marked with CE marking and Notified Body number according to the Directive 1999/5/EC.

CE 1856

Place, Date of Issue

Venaria Reale, September 2011

MAGNETI MARELLI S.p.A.
Daniele Cingolani
Body Electronics Quality Management

F0Y0278

fig. 229

OFFICIAL TYPE APPROVALS FOR SPECIFIC MARKETS

Country	Radiofrequency remote control type approval initials (TRF198)	Body Computer type approval initials (BCML7)
Jordan	TRC/LPD/2011/102	TRC/LPD/2012/75
Morocco	AGREE PAR L'ANRT MAROC Numéro d'agrément : MR 6345 ANRT 2011 Date d'agrément : 13 JUIN 2011	AGREE PAR L'ANRT MAROC Numéro d'agrément : MR 6968 ANRT 2012 Date d'agrément : 22 FEV 2012
Mexico	RLVMABC11-0959	RLVMABC12-0020
Serbia	TRF198= 34540-164/12-3	BCML7= 34540-83/12-4
Syria	Marking CE	Marking CE
South Africa	ICASA TA-2011/505 APPROVED	ICASA TA-2011/1915 APPROVED
Tunisia	Marking CE	Marking CE

DASHBOARD

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

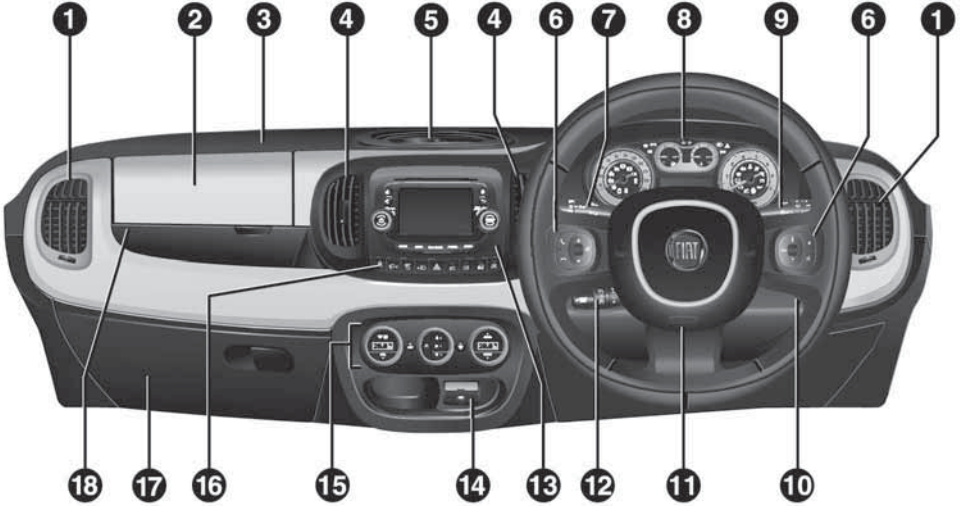


fig. 1 F0Y0185

1. Adjustable air diffusers 2. Upper glove compartment (for versions/markets, where provided the compartment may be conditioned) 3. Passenger front airbag 4. Adjustable and directable centre air diffusers 5. Fixed upper air vent 6. Radio controls on the steering wheel (for versions/markets, where provided) 7. Exterior light control lever 8. Instrument panel 9. Windscreen wiper/rear window wiper/trip computer control lever 10. Ignition switch 11. Driver front airbag 12. Cruise Control/Speed Limiter lever (for versions/markets, where provided) 13. **UConnect**™ (for versions/markets, where provided) or radio system setup 14. USB port/AUX socket (for versions/markets, where provided)
15. Heating/ventilation system or manual climate control (for versions/markets, where provided) or automatic dual zone climate control (for versions/markets, where provided) 16. Control buttons 17. Lower glove compartment 18. Oddment compartment

CONTROL PANEL AND INSTRUMENTS

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

The warning lights and are only present on Diesel versions. On diesel versions, the max. rpm (red range on the revolution counter) corresponds to 5000 rpm.

VERSIONS WITH MULTIFUNCTION DISPLAY

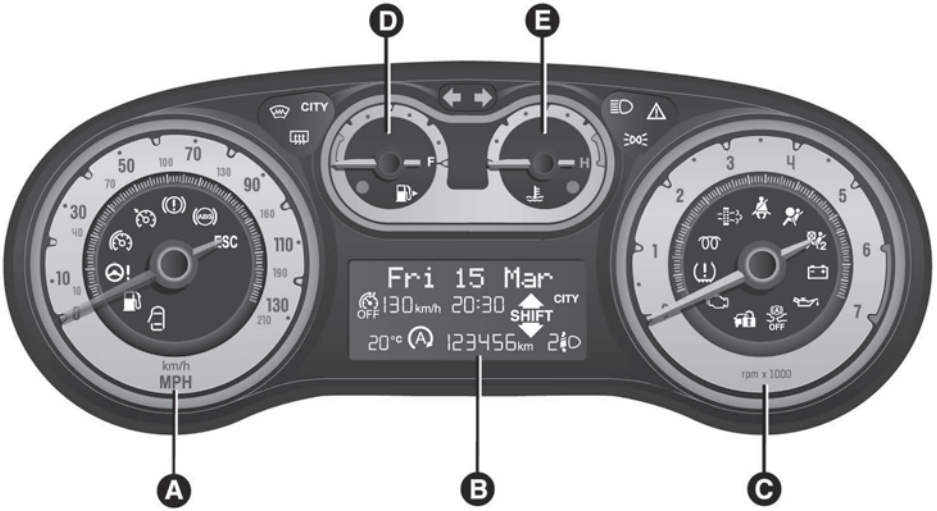


fig. 2 F0Y0183

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

VERSIONS WITH RECONFIGURABLE MULTIFUNCTION DISPLAY

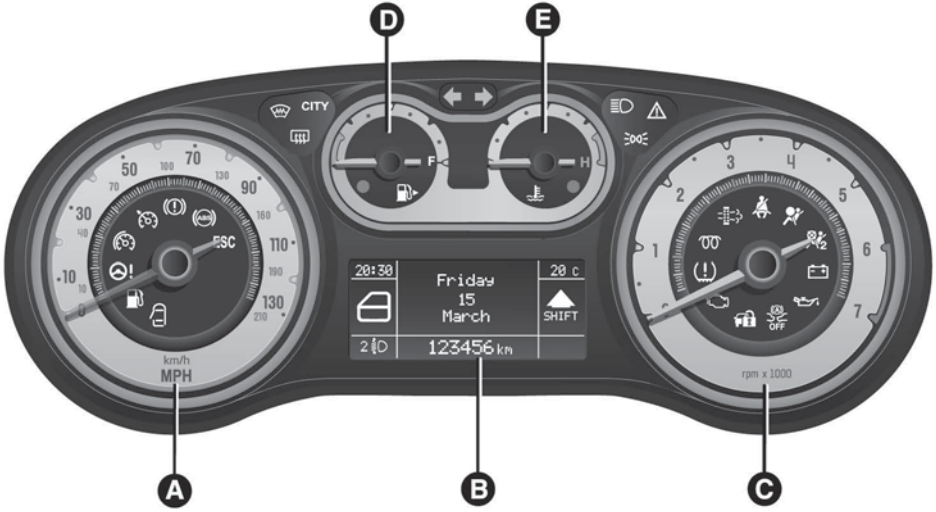


fig. 3 F0Y0184

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

REPLACING FUSES

FUSE LOCATION

Dashboard junction box

To reach the fuse box, proceed as follows:

❒ open the lower oddments compartment;

❒ using the supplied screwdriver fig. 4 remove the two side lids A fig. 5;

❒ press the device B fig. 6 inside-out from the compartment;

❒ tilt the compartment C fig. 7 forward: in this way, you get access to the fuse box fig. 8

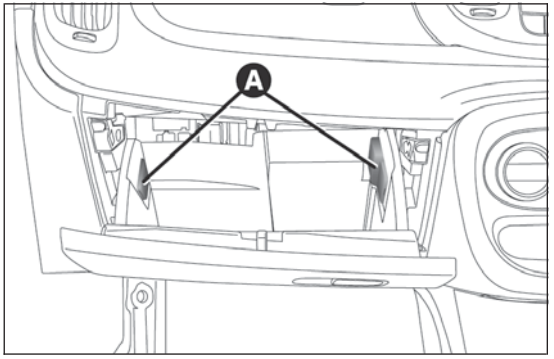


fig. 5 F0Y0235

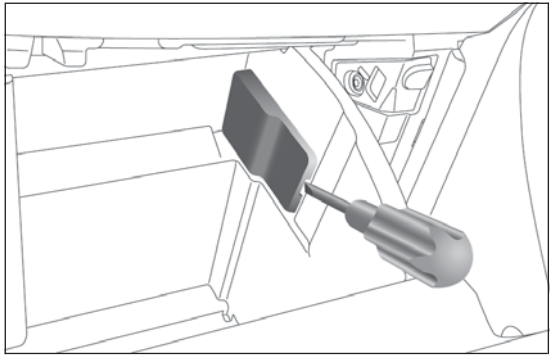


fig. 4 F0Y0236

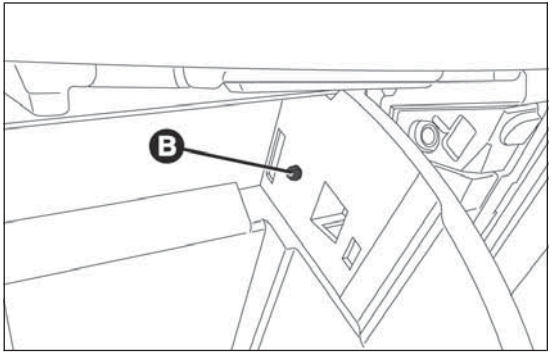


fig. 6 F0Y0238

To refit the oddments compartment, proceed in the reverse order, paying special attention to the new connection of the slowing device, linked to the same compartment through the device B fig. 6.

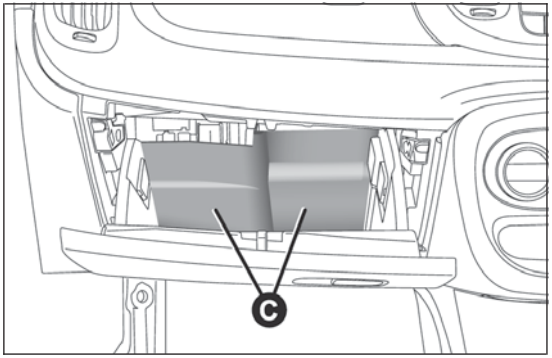


fig. 7 F0Y0239

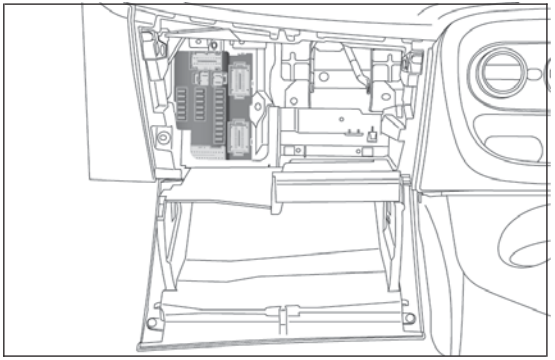


fig. 8 F0Y0237

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5 0 0 L M P W

This section describes the 500L MPW in the 5- and 7-seater versions.
For anything not dealt with refer to the Owner Handbook in the section concerning the 500L version.

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SEATS

THIRD ROW REAR SEATS
(for versions/markets, where provided)

For versions where provided there are two further "retractable" seats located behind the rear seats (see fig. 1).

The seats can be folded, in order to obtain a greater load compartment volume: for further information see paragraph "Luggage compartment").

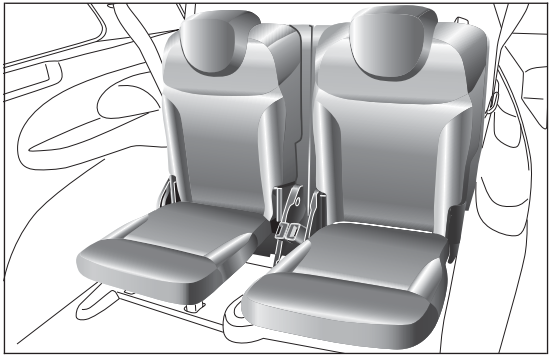


fig. 1 F0Y0375

WARNING

Before setting off, make sure that the seats are locked correctly to their anchoring devices.

IMPORTANT The third row of seats is only recommended for people not taller than 1.64 m.

Access to the third row of rear seats

Proceed as follows:

- ❒ completely lower the second row rear seat head restraints;
- ❒ move the seat belts to the side, making sure that they are correctly extended and not twisted;
- ❒ operating on lever A fig. 2 move the second row seat forwards;
- ❒ lift the release lever B fig. 3 to fold the second row seat completely: the backrest and cushion will be folded forwards automatically (see fig. 4). If necessary, accompany the backrest during the initial stage of folding.

WARNING

During repositioning of the second row rear seats, sit correctly on the third row rear seats, making sure that your feet do not exceed the red strip located on the floor (see fig. 5).

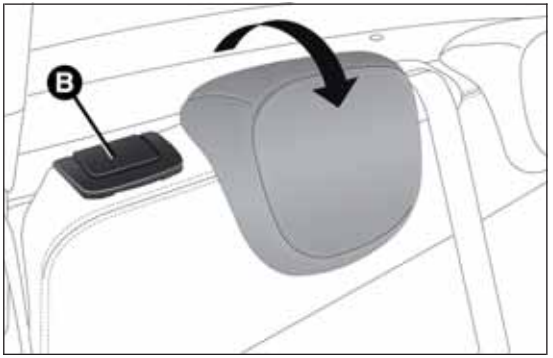


fig. 3 F0Y0073

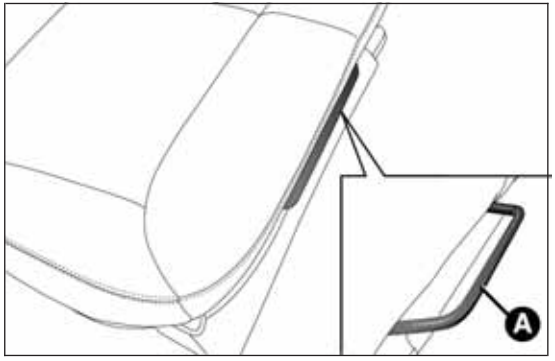


fig. 2 F0Y0074

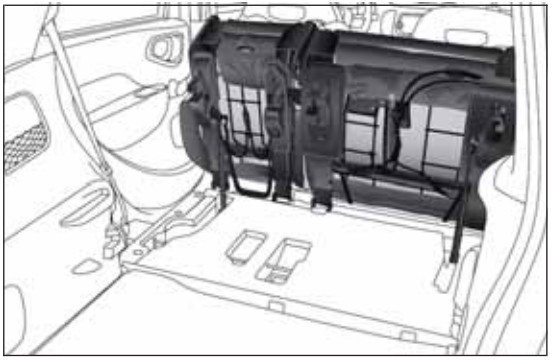


fig. 4 F0Y0076

Repositioning of the second row rear seats

To reposition the rear seat, push the seat backwards as shown in fig. 6 and secure it (when it clicks into place, this indicates correct positioning).

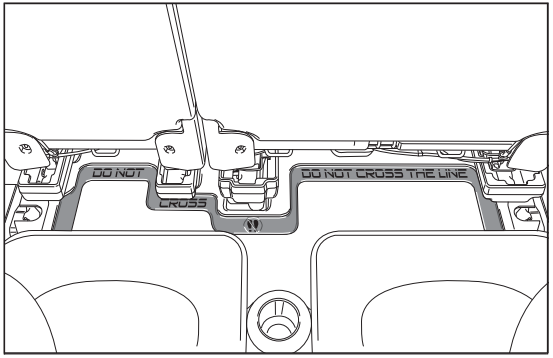


fig. 5 F0Y0400

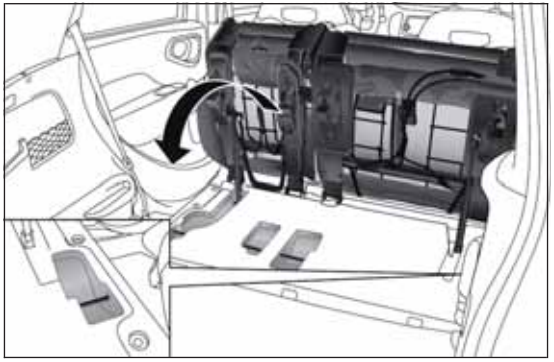


fig. 6 F0Y0077

Repositioning the backrest

To bring the backrest back to normal usage position, lift lever B fig. 7 and then raise the backrest until vertical engagement position is reached.

IMPORTANT It is advisable to follow the procedures described above, operating from outside the car.

WARNING

If there are any passengers sitting on the third row seats, the second row rear seat must be correctly anchored to the floor and the backrest must be in vertical position.

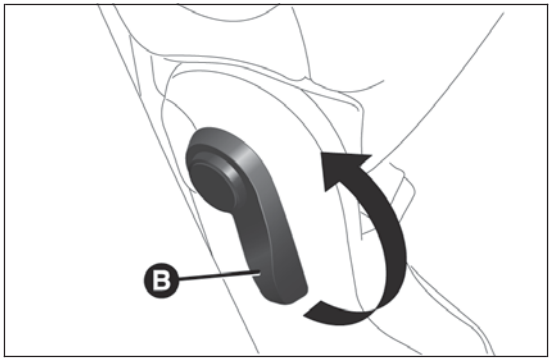


fig. 7 F0Y0259

WARNING

Make sure the backrest is properly secured at both sides to prevent it moving forward in the event of sharp braking, with possible impact with the occupants. A metallic click is heard when locking is correct.

THIRD ROW SEAT BACKREST FOLDING

Proceed as follows:

- ❒ completely lower the third row rear seat head restraints;
- ❒ move the seat belts to the side, making sure that they are correctly extended and not twisted;
- ❒ pull upwards device A fig. 8 to fold the left or right seat backrest. The backrest will be automatically folded forwards. If necessary, accompany the backrest during the initial stage of folding.

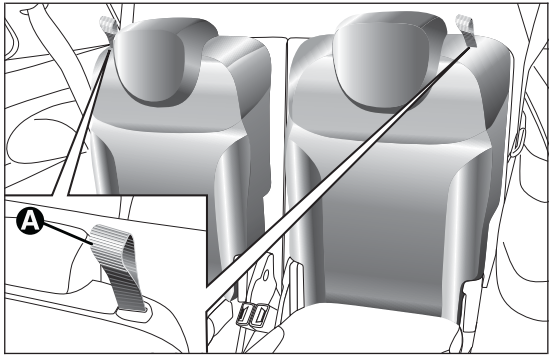


fig. 8 F0Y0381

The load compartment capacity increases when the seat backrests are folded.

Before tilting the seat backrest fully, remove any objects laid on it.

WARNING

Do not move the seat when a child is sitting in the car.

THIRD ROW SEAT BACKREST REPOSITIONING

Pull toward yourself devices A fig. 9 located behind the rear seat backrests to reposition the seat backrests.

IMPORTANT Before moving the backrests, make sure that covers B are completely folded on the backrest rear part.

IMPORTANT Do not move the third row seats before removing the curtain (see "Curtain removal" in paragraph "Luggage compartment").

WARNING

Make sure the backrests are properly secured at both sides to prevent them from moving forward, in the event of sharp braking, with possible impact with the occupants. A metallic click is heard when locking is correct.

BOTTLE/CAN HOLDER COMPARTMENT

It is located between the third row rear seats fig. 10.

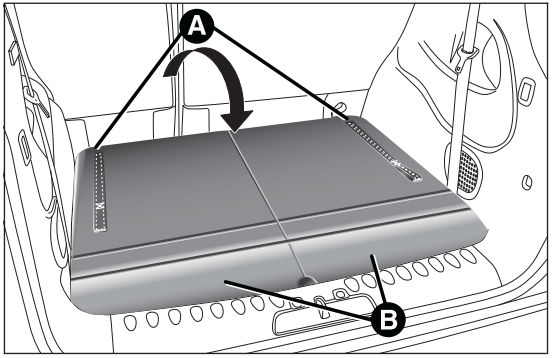


fig. 9 F0Y0378

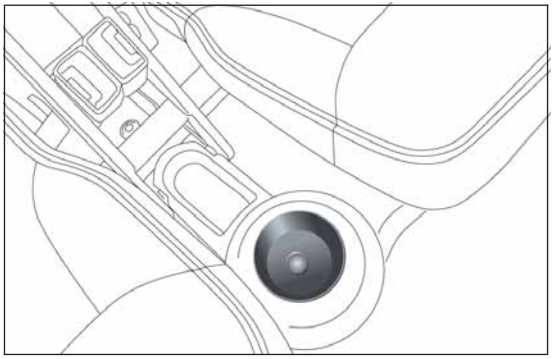


fig. 10 F0Y0382

LUGGAGE COMPARTMENT POWER SOCKET (7-seater versions)

It is located on the left side of the luggage compartment, next to the sliding curtain fig. 11.

The electrical socket only works with the ignition key at MAR-ON.

IMPORTANT Do not connect devices with power higher than 180 W to the socket. Do not damage the socket by using unsuitable adaptors.

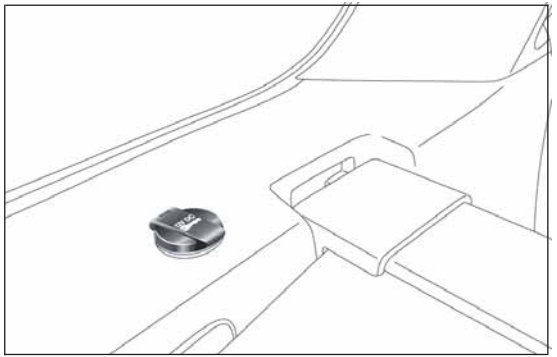


fig. 11 F0Y0372

LUGGAGE COMPARTMENT

LUGGAGE-COVERING CURTAIN

Luggage-covering curtain A fig. 12 can be rolled up and removed.

Do not place heavy objects on the curtain to prevent damaging it.

WARNING

In the event of an accident or sharp braking, any object placed on the curtain may be projected backwards in the passenger compartment, and risk to hurt the occupants.

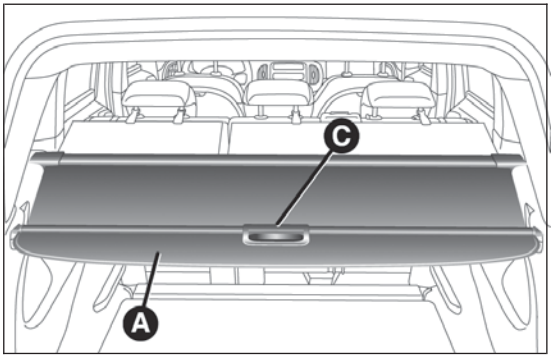


fig. 12 F0Y0371

Curtain rolling up

To roll up the curtain, grab handle C fig. 12 and then release pins B fig. 13 (one for each side) from their seats. Then ease the curtain towards the front part of the luggage compartment.

Curtain removal

To remove the curtain, roll it up, then pull the two hooks A fig. 14 (one for each side) towards the inside of the luggage compartment (as indicated by the arrow).

Then raise the curtain upwards and remove it.

Curtain positioning

7-seater versions

The curtain can only be removed with the third row seats folded.

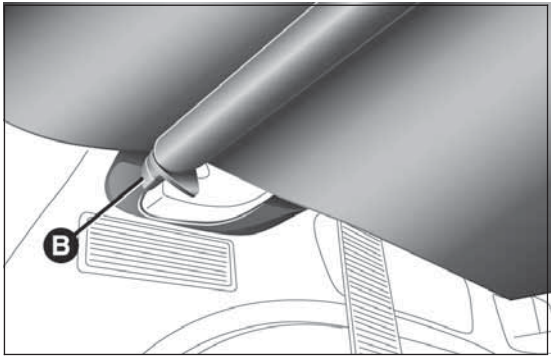


fig. 13 F0Y0373

After the curtain has been removed, place it behind the backrest of the third row rear seats, fitting it in seats B fig. 15.

If, after change of a wheel, the room between the backrest of the seats and the tailgate is filled by the punctured tyre, the curtain must be placed before the rear seats of the second row.

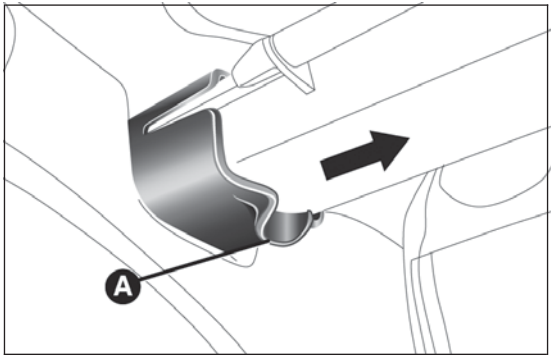


fig. 14 F0Y0374

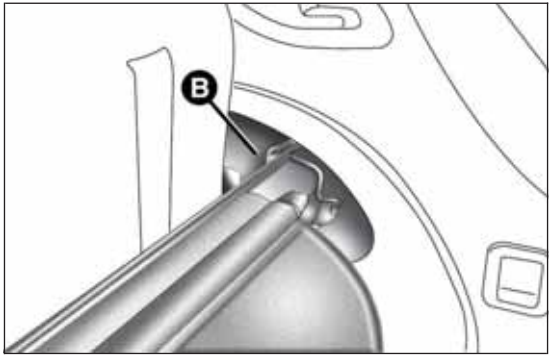


fig. 15 F0Y0157

Object-covering curtains

Two object-covering curtains are present on the front part of the luggage-covering curtain.

To use the curtains pull tabs A fig. 16 outwards and engage them with the rear seat head restraint supports, as shown in the figure.

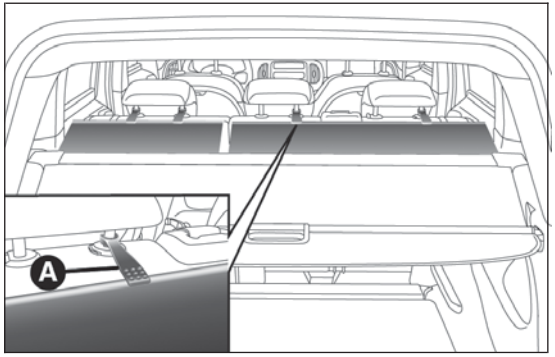


fig. 16 F0Y0376

SEAT BELTS

USE OF THE SEAT BELTS FOR THE THIRD ROW REAR SEATS

The third row rear seats (for versions/markets, where provided) are also equipped with inertia seat belts with three anchor points and a retractor.

Wear the rear seat belts as shown in fig. 17.

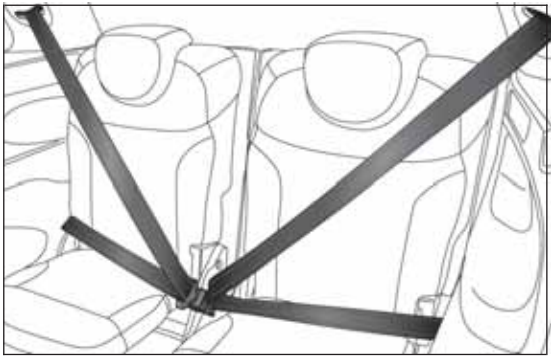


fig. 17 F0Y0379

WARNING

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

IMPORTANT When putting the rear seat back in its normal position, after folding, make sure that the seat belt is positioned correctly, so that it is not pinched (and therefore damaged).

FITTING "UNIVERSAL" CHILD RESTRAINT SYSTEMS (with safety belts)

Only forward facing child restraint systems in Group 1, 2, 3 can be fitted on the third row of rear seats.

GROUP 1

WARNING

The figure is indicative and for assembly purposes only. Install the child restraint system according to the instructions, which are compulsorily included with this type of restraint system.

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

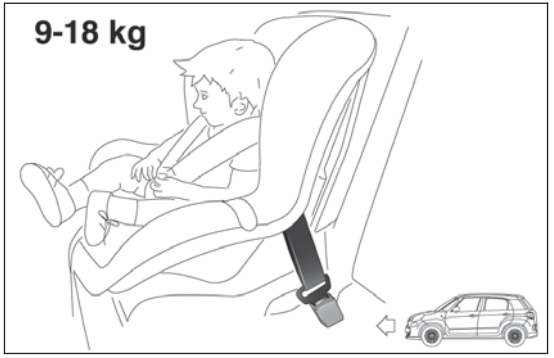


fig. 18 F0Y0203

GROUP 2

WARNING

The figure is indicative and for assembly purposes only. Install the child restraint system according to the instructions, which are compulsorily included with this type of restraint system.

Children from 15 to 25 kg may use the car safety belts directly fig. 19.

In this case, the child restraint system is needed only to position the child correctly with respect to the safety belts, so that the diagonal section of the safety belt crosses the child's chest and never the neck, and the horizontal section of the safety belt is snug on the pelvis, not the abdomen.

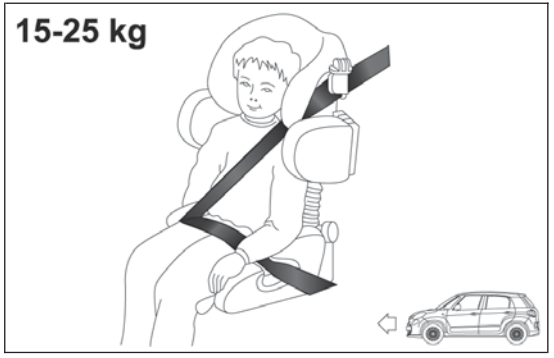


fig. 19 F0Y0204

GROUP 3

WARNING

The figure is indicative and for assembly purposes only. Install the child restraint system according to the instructions, which are compulsorily included with this type of restraint system.

For children from 22 kg up to 36 kg suitable child restraint systems make fastening the safety belt easier.

The fig. 20 figure shows the correct child restraint system positioning on the rear seat.

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

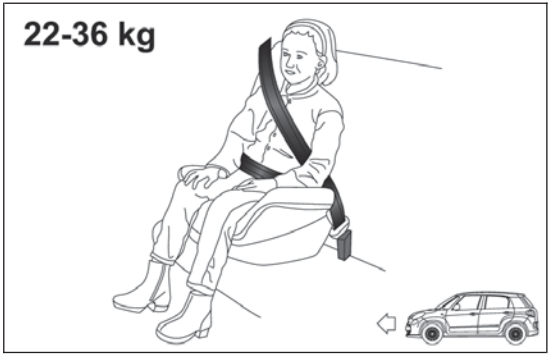


fig. 20 F0Y0205

SUITABILITY OF PASSENGER SEATS FOR UNIVERSAL CHILD RESTRAINT SYSTEM USE

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

7-seater versions (for versions/markets, where provided)

Group	Weight groups	Front passenger	2nd row rear central passenger	2nd row rear side passengers	3rd row rear passengers (*)
Group 0, 0+	up to 13 kg	U	X	U	X
Group I	9 - 18 kg	U	X	U	UF (**)
Group 2	15 - 25 kg	U	X	U	UF (**)
Group 3	22 - 36 kg	U	X	U	UF (**)

(*) = For versions/markets where provided

(**) = The 2nd row seat must be adjusted.

X = seat not suitable for children in this weight category.

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

UF = Suitable for forward facing child restraint systems in the "Universal" category, according to European Standard EEC-R44 for the specified "Groups".

"Fix&Go Automatic" KIT

It is located in the luggage compartment in a dedicated bag fig. 21 (5-seater versions) or fig. 22 (7-seater versions).

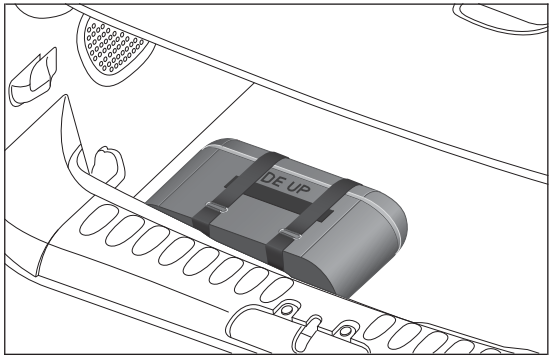


fig. 21 F0Y0353

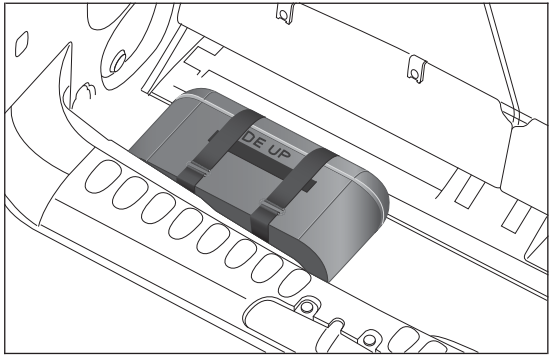


fig. 22 F0Y0354

The kit includes:

- ❒ a cylinder A fig. 23 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;
- ❒ a compressor D including a pressure gauge and connections, found in the compartment;
- ❒ instruction booklet (see fig. 24), to be used for prompt and correct use of the kit and then to be handed to the personnel charged with handling the treated tyre;
- ❒ a pair of protective gloves located in the side compartment of the compressor;
- ❒ adaptors for inflating different elements.

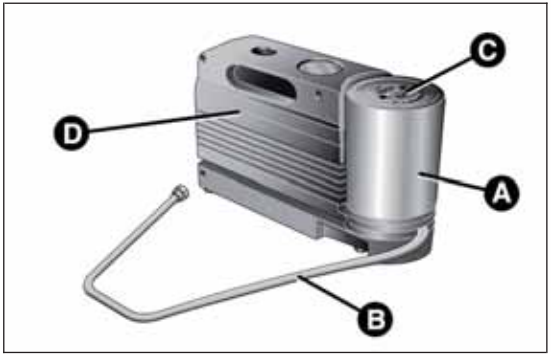


fig. 23 F0Y0012

USE OF THE "Fix&Go Automatic" KIT

For kit usage see paragraph "Fix&Go Automatic kit" in the Owner Handbook in the section concerning version 500C .



fig. 24 F0Y0011

REPLACING A WHEEL

GENERAL INSTRUCTIONS

The car is equipped with the "Fix&Go Automatic Kit": see the paragraph “Fix&Go Automatic Kit” for how to use this device.

As an alternative to the “Fix&Go Automatic Kit” the car may be equipped with a space-saver wheel: see the instructions on the following pages for changing the wheel.

WARNING

The space-saver wheel (for versions/markets where provided) is specific to your car, do not use it on other models, or use the space-saver wheel of other models on your car. The space-saver wheel must only be used in the event of emergency. It must only be used for the distance necessary to reach a service point and the car speed must not exceed 80 km/h. The space-saver wheel has an orange label that summarises the main cautions for use and limitations. Never remove or cover the label. The following information is provided in four languages on the label: "Important! For temporary use only! 80 km/h max! Replace with a standard wheel as soon as possible. Never cover this indication." Never apply a wheel cap on a space-saver 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 on-coming traffic while the wheel is being changed. If you are on a slope or uneven surface, place the wedge provided under the wheels (see the instructions on the next pages).

WARNING

The vehicle's driving characteristics will be modified with the space-saver wheel fitted. Avoid violent acceleration and braking, abrupt steering and fast cornering. The overall duration of the space-saver wheel is of about 3000 km, after which the relevant tyre must be replaced with another one of the same type. Never install a standard tyre on a rim that is designed for use with a space-saver wheel. Have the wheel repaired and refitted as soon as possible. Using two or more small space-saver wheels at the same time is forbidden. Do not grease the threads of the stud bolts before fitting them: they might slip out.

WARNING

The jack shall only be used for raising the car model it has been supplied with. Never use the jack for other purposes, such as raising other car models. Never use the jack for repair operations under the vehicle. Incorrectly positioning of the jack may cause the car to fall. Do not use the jack for loads higher than the one shown on its label. The space-saver wheel cannot be fitted with snow chains. If a front (drive) tyre is punctured and chains are needed, use a standard wheel from the rear axle and install the space-saver wheel on the rear axle. In this way, with two normal drive wheels at the front axle, it is possible to use snow chains.

WARNING

Incorrectly fitting the wheel cap may cause it to fall off when the vehicle is in motion. Never tamper with the inflation valve. Never introduce tools of any kind between rim and tyre. Check tyre and space-saver wheel pressures regularly, complying with the values given in the "Wheels" paragraph.

JACK

Please note that:

❒ the jack weight is 1.76 kg;

❒ the jack requires no adjustment;

❒ the jack cannot be repaired and in the event of a fault it must be replaced by another original one;

❒ no tool other than its cranking device may be fitted on the jack.

WHEEL REPLACEMENT PROCEDURE

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 if possible, and sufficiently firm;

❒ switch off the engine, pull up the handbrake and engage the 1st gear or reverse. Wear the reflective safety jacket (compulsory by law) before getting out of the car;

❒ *5-seater versions:* open the luggage compartment, grab handle A fig. 25 and raise platform B for the "Cargo Magic Space" upwards, keeping it with one hand. Then take the tool bag fig. 26. Movement of the "Cargo Magic Space" load platform must take place in a central position relative to the luggage compartment.

❒ *7-seater versions:* open the luggage compartment and take the tool bag fig. 27;

❒ the following can be found in the tool box: tow hook, screwdriver, jack, wedge, spanner for wheel stud bolts/jack operation, Allen key for sun roof emergency operation (for versions/markets, where provided), adaptor for emergency refuelling;

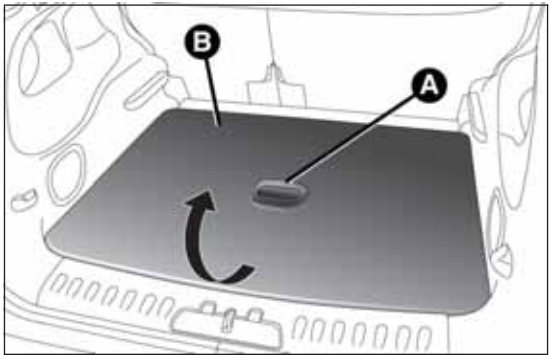


fig. 25 F0Y0359

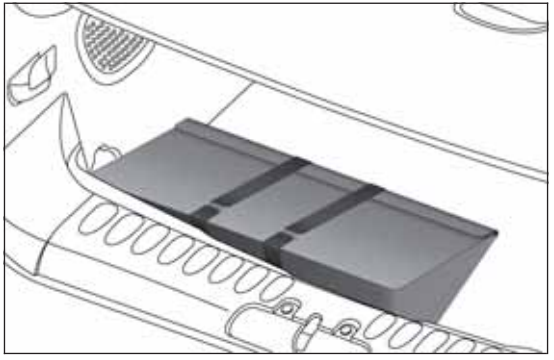


fig. 26 F0Y0351

❒ raise flap A fig. 28 located on the luggage compartment mat, take spanner B fig. 29 from the tool bag and fit it on device C;

❒ rotate spanner B fig. 29 anticlockwise in order to undo the space-saver wheel support locking bolt, allowing the latter to be lowered;

❒ use the spanner to remove the wheel from the car fig. 30;

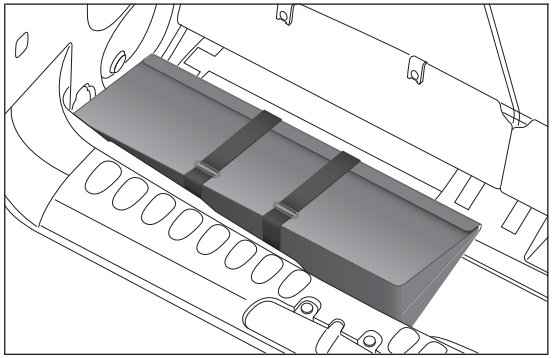


fig. 27 F0Y0352

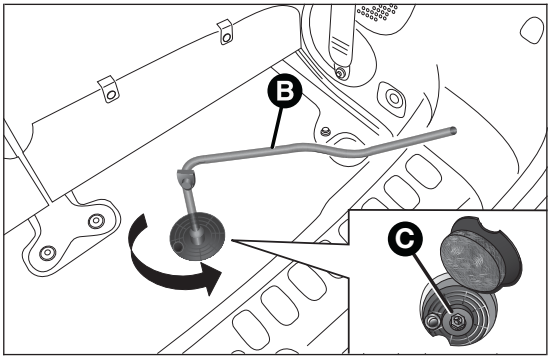


fig. 29 F0Y0355

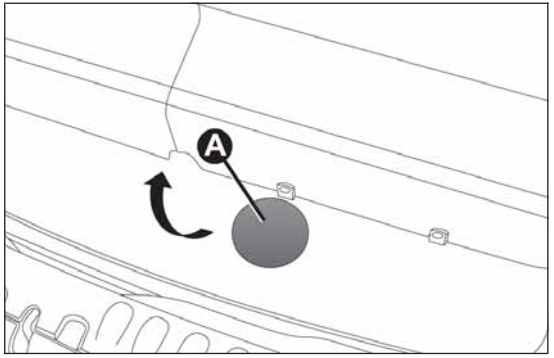


fig. 28 F0Y0383



fig. 30 F0Y0356

❒ rotate device D fig. 31 in order to detach the space-saver wheel from fixing support E;

❒ then take the space-saver wheel fig. 32;

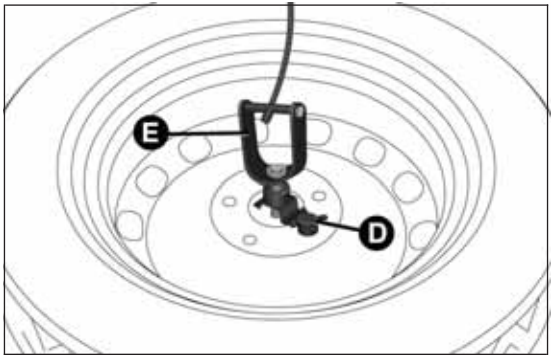


fig. 31 F0Y0357

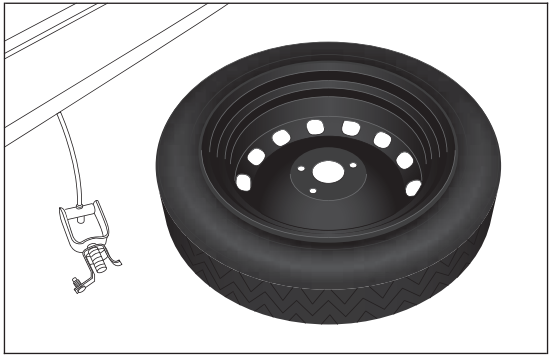


fig. 32 F0Y0358

❒ take the spanner A fig. 33 and loosen the fixing stud bolts by about one turn. For versions with alloy rims, shake the car to facilitate detachment of the rim from the wheel hub;

❒ take the wedge A from the tool box and open it as shown in the diagram in fig. 34;

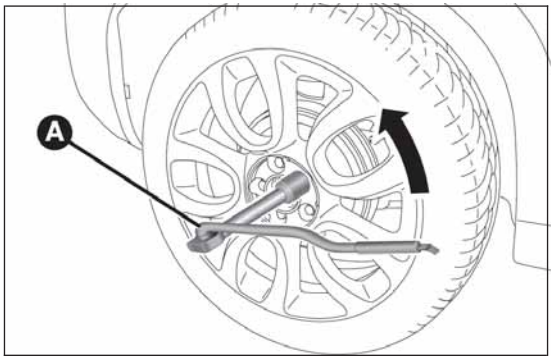


fig. 33 F0Y0093

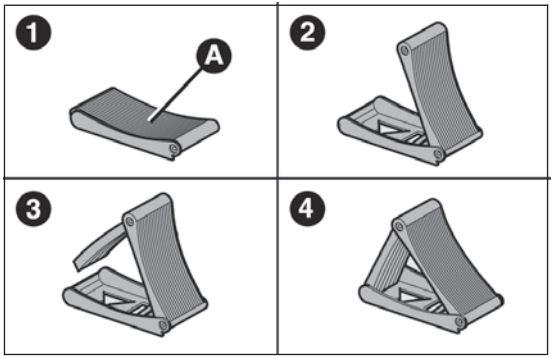


fig. 34 F0Y0211

❒ place the wedge behind the wheel diagonally opposite the one to be replaced (see fig. 35) to prevent the car from moving when it is raised;

❒ position the jack under the car, near the wheel to be changed;

❒ insert the spanner A to extend the jack until the top of the jack B fig. 36 fits correctly into the side member C (next to the mark ▽ on the side member itself);

❒ alert any bystander that the car is about to be raised; all persons should be kept away from the car and nobody must touch it until it has been lowered;

❒ fit handle D fig. 36 into the housing in device A, operate the jack and raise the car until the wheel is a few centimetres from the ground;

❒ remove the wheel cap after unscrewing the four fixing stud bolts and finally undo the fifth stud bolt and extract the wheel (only for versions with wheel caps fixed by stud bolts);

❒ make sure the contact surfaces between space-saver wheel and hub are clean and free from impurities so that the fixing stud bolts will not come loose;

❒ fit the space-saver wheel by inserting the first stud bolt for two threads into the hole closest to the valve;

❒ tighten the stud bolt by some threads and proceed in the same way for the others;

❒ take the spanner A and fully tighten the fixing stud bolts;

❒ operate the jack handle D to lower the car. Then extract the jack;

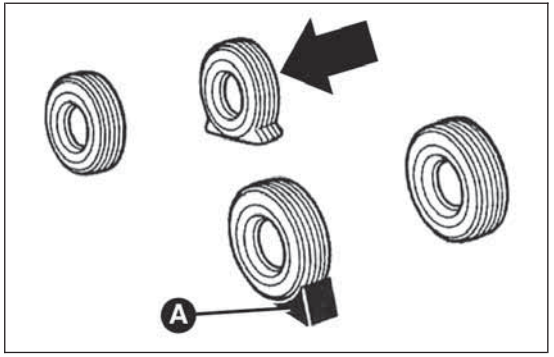


fig. 35 F0Y0212

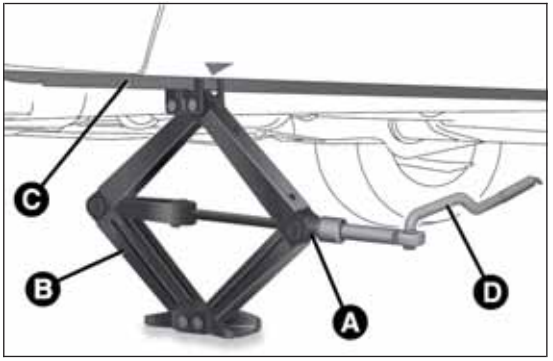


fig. 36 F0Y0014

❒ use the spanner A to fully tighten the stud bolts in a criss-cross fashion as per the numerical sequence illustrated in fig. 37;

❒ when replacing a wheel with alloy rim it is advisable to place it with the esthetic part facing upwards.

Restore the standard wheel as soon as possible, because, once placed in the associated compartment, the luggage compartment load platform is rendered uneven as the standard wheel is larger than the space-saver wheel.

When the operation is over, proceed as follows:

❒ restart device A fig. 38 on fixing support B;

❒ insert spanner C fig. 39 on device D and rotate it clockwise in order to tighten the space-saver wheel support locking bolt. The device is correctly attached when the yellow strip appears in window E on the hole;

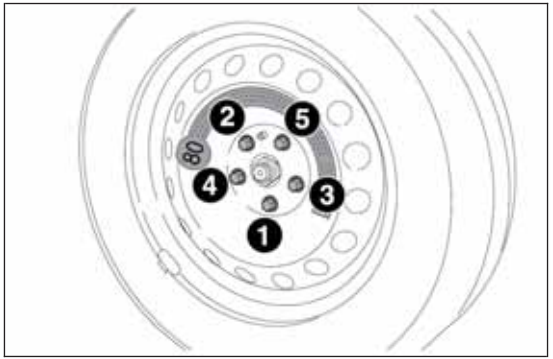


fig. 37 F0Y0013

❒ fit the punctured tyre in the dedicated bag A fig. 40.

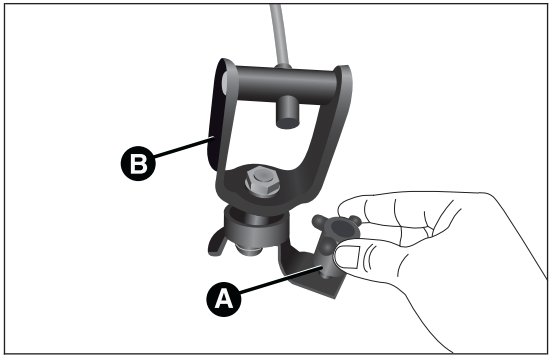


fig. 38 F0Y0360

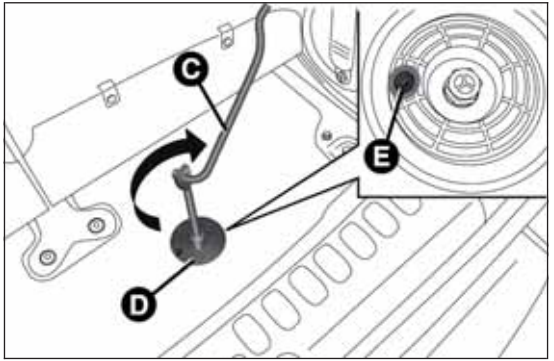


fig. 39 F0Y0361

WARNING

At the end of the operation of raising/locking the space-saver wheel device, the spanner must be extracted, taking care NOT to turn it in the wrong direction to facilitate the extraction of the spanner itself, so as to prevent the attachment device from being released and the lack of safe restraint.

Punctured tyre position

5-seater versions

Place the punctured tyre in the luggage compartment.

7-seater versions

❒ *With third row of rear seats folded*: place the punctured tyre in the luggage compartment, above the backrests.

❒ *With third row of rear seats not folded*: remove the luggage-covering curtain (which must be positioned in front of second row of seats) then place the punctured tyre in the luggage compartment, positioning it as shown in fig. 41 (wheel hub facing the inside of the passenger compartment in order to prevent the wheel from falling when closing the tailgate).

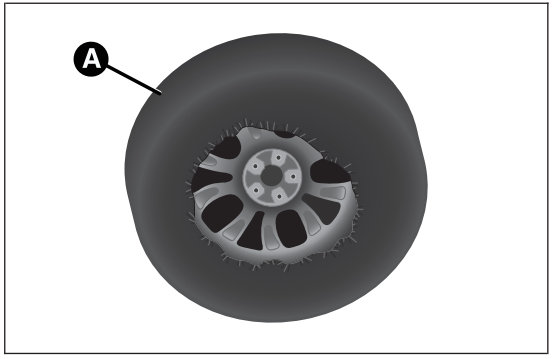


fig. 40 F0Y0367

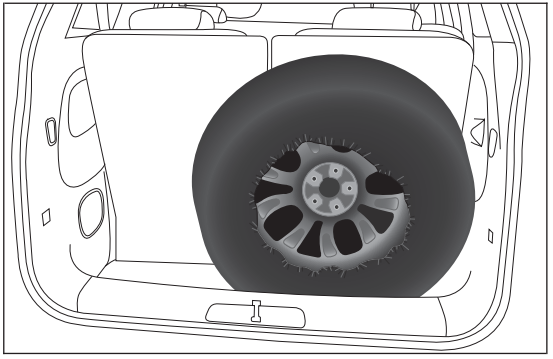


fig. 41 F0Y0368

REFITTING THE STANDARD WHEEL

Following the procedure described previously, raise the car and remove the space-saver wheel.

Versions with steel rims

Proceed as follows:

- ❒ make sure the contact surfaces between standard wheel and hub are clean and free from impurities so that the fixing stud bolts will not come loose;
- ❒ fit the standard wheel inserting the 5 stud bolts into the holes;
- ❒ press-fit the wheel cap, aligning the special splining (on the cap) with the inflation valve;
- ❒ using the spanner provided, tighten the fixing stud bolts;
- ❒ lower the car and remove the jack;
- ❒ using the spanner provided, fully tighten the stud bolts in the sequence shown previously.

Versions with alloy rims

Proceed as follows:

- ❒ insert the wheel on the hub and using the spanner provided tighten the stud bolts;
- ❒ lower the car and remove the jack;
- ❒ using the spanner provided, fully tighten the 5 stud bolts in the sequence shown;
- ❒ reinstall the hub cap, taking care to position the three plastic pins in the dedicated seats on the wheel. Slightly press the cap to prevent any damage to the plastic pins.

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

At the end of the operation

Proceed as follows:

❒ place the space-saver wheel in the luggage compartment;

❒ place the jack and the other tools in the tool bag;

❒ place the bag, complete with the tools, in the luggage compartment, then secure it with the suitable belts;

❒ correctly reposition the luggage compartment mat.

REPLACING INTERIOR BULBS

THIRD ROW REAR SEAT ROOF LIGHT

(for versions/markets, where provided)

Type of bulb: C5W

Power: 5 W

To replace the bulb, proceed as follows:

❒ operate in the point shown by the arrows and remove roof light A fig. 42;

❒ open the flap C fig. 43 and replace the bulb B releasing it from the side contacts;

❒ Insert the new bulb and make sure that it is correctly clamped between the contacts.

❒ refit the roof light A fig. 42 by inserting it in its correct position, firstly on one side and then pressing on the other until it clicks into place.

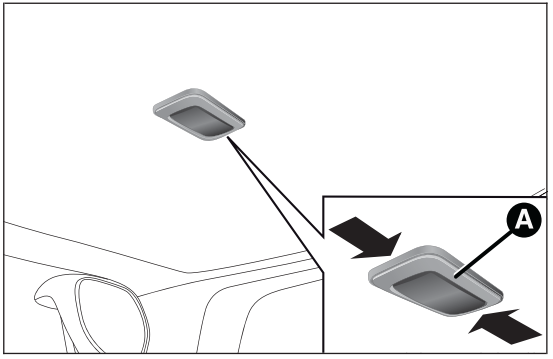


fig. 42 F0Y0152

LUGGAGE COMPARTMENT ROOF LIGHT

Type of bulb: W5W

Power: 5 W

To replace the bulb, proceed as follows:

❒ open the luggage compartment and extract the roof light A fig. 44 working in the point shown by the arrow;

❒ open cover B and replace the bulb;

❒ fit the new bulb, then close again cover B on the lens;

❒ refit the roof light A by inserting it in its correct position firstly, on one side and then pressing on the other side until it clicks into place.

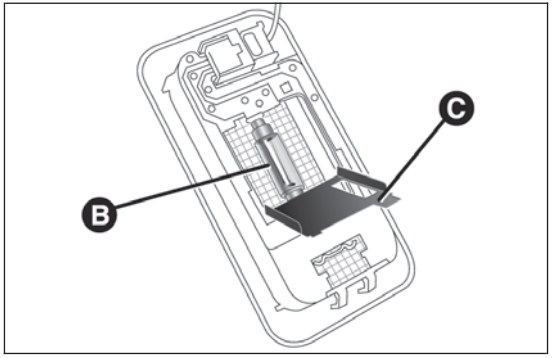


fig. 43 F0Y0104

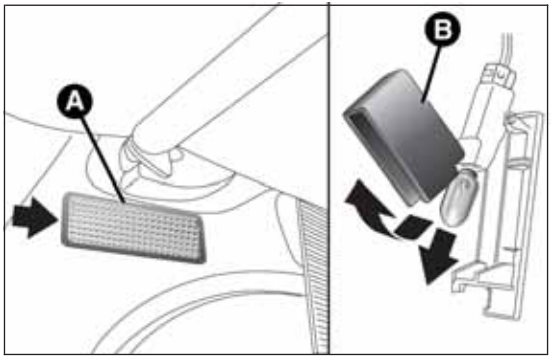


fig. 44 F0Y0380

ENGINE CODES - BODY VERSIONS

Versions	Engine codes	Body versions
0.9 TwinAir Turbo 105 HP	199B6000	199LYC1B L2H (*)
		199LYC1B L2L (**)
1.3 16V MultiJet	199B4000	199LXY1A L0E (*)
		199LXY1A L0F (**)
1.6 16V MultiJet	199B5000	199LYD1B L4E (*)
		199LYD1B L4F (**)

(*) 5-seater versions
(**) 7-seater versions

WHEELS

RIMS AND TYRES

Pressed steel or alloy rims. Tubeless radial carcass tyres.

All approved tyres are listed in the registration document.

IMPORTANT If there are any discrepancies between the Owner Handbook and the registration document, take the information from the latter. For safe driving, the car must be fitted with tyres of the same make and type on all wheels.

IMPORTANT Do not use air chambers with Tubeless tyres.

WHEEL GEOMETRY

Front wheel toe-in measured from rim to rim: −0.5 ± 1 mm.

The values refer to the car in running order.

CORRECT TYRE READING

Example fig. 45: 195/65 R 15 91H

195 Rated width (S, distance in mm between the sides)

65 Height/width ratio (H/S) as a percentage

R Radial tyre

15 Rim diameter in inches (Ø)

91 Load rating (capacity)

H Maximum speed rating

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

Maximum speed index for snow tyres

QM + S up to 160 km/h

TM + S up to 190 km/h

HM + S up to 210 km/h

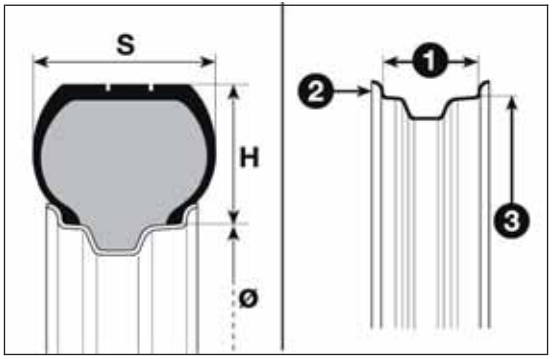


fig. 45 F0Y0004

Load rating (capacity)	
70 = 335 kg	**81** = 462 kg
71 = 345 kg	**82** = 475 kg
72 = 355 kg	**83** = 487 kg
73 = 365 kg	**84** = 500 kg
74 = 375 kg	**85** = 515 kg
75 = 387 kg	**86** = 530 kg
76 = 400 kg	**87** = 545 kg
77 = 412 kg	**88** = 560 kg
78 = 425 kg	**89** = 580 kg
79 = 437 kg	**90** = 600 kg
80 = 450 kg	**91** = 615 kg

CORRECT READING OF THE RIM CODE

Example fig. 45: 6 J x 15 H2

6 rim width in inches (1).

J profile of the flange (side projection where the tyre bead rests) (2).

15 rim fitting diameter in inches (corresponds to the diameter of the tyre to be mounted) (3 = Ø).

H2 shape and number of humps (circumference measurement which keeps the bead of Tubeless tyres in position on the rim).

RIMS AND TYRES PROVIDED

5-seater versions

Versions	Rims	Tyres	Snow tyres	Space-saver wheel (*) Rim Tyre
0.9 TwinAir Turbo 105 HP	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	
1.3 16V MultiJet	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	

(*) For versions/markets, where provided

Versions	Rims	Tyres	Snow tyres	Space-saver wheel (*) Rim Tyre
1.6 16V MultiJet	6Jx15 H2 ET 39	195/65 R15 91H	195/65 R15 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6Jx16 H2 ET 36.5	205/55 R16 91H (*)	205/55 R16 91Q (M+S)	
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	

(*) For versions/markets, where provided

Note Reduced size snow chains with a maximum projection of 9 mm beyond the tyre profile can be fitted on 195/65 R15 91H and 205/55 R16 91V tyres. 225/45 R17 91V tyres cannot be fitted with snow chains.

7-seater versions

Versions	Rims	Tyres	Snow tyres	Space-saver wheel (*) Rim Tyre
0.9 TwinAir Turbo 105 HP	6Jx16 H2 ET 36.5	205/55 R16 91H	205/55 R16 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41 (*)	225/45 R17 91H (*)	225/45 R17 91Q (M+S)	
1.3 16V MultiJet	6Jx16 H2 ET 36.5	205/55 R16 91V (*)	205/55 R16 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41 (*)	225/45 R17 91V(*)	225/45 R17 91Q (M+S)	
1.6 16V MultiJet	6Jx16 H2 ET 36.5	205/55 R16 91V (*)	205/55 R16 91Q (M+S)	4JX16 H ET 15 T135/70 R16 100M
	6½Jx16 H2 ET 39 (*)			
	7Jx17 H2 ET 41 (*)	225/45 R17 91V(*)	225/45 R17 91Q (M+S)	

(*) For versions/markets, where provided

Note Reduced size snow chains with a maximum projection of 9 mm beyond the tyre profile can be fitted on 205/55 R16 91V tyres. 225/45 R17 91V tyres cannot be fitted with snow chains.

COLD TYRE INFLATION PRESSURE (bar)

When the tyres are warm, the inflation pressure should be +0.3 bar compared with the prescribed value.

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

However, recheck that the value is correct with the tyre cold.

5-seater versions

Tyres	No load/medium load		Full load		Space-saver wheel (*)
	Front	Rear	Front	Rear	
195/60 R16C 97H	2.4	2.2	2.5	2.5	4.2
195/65 R15 91H	2.4	2.4	2.8	2.7 / 2.9 (**)	
205/55 R16 91V	2.4	2.2	2.5	2.5	
225/45 R17 91V	2.4	2.2	2.5	2.5	

(*) For versions/markets, where provided

(**) 1.6 16V MultiJet version

7-seater versions

Tyres	No load/medium load		Full load		Space-saver wheel (*)
	Front	Rear	Front	Rear	
195/60 R16C 97H	2.4	2.2	2.7	2.7	4.2
205/55 R16 91V	2.4	2.2	2.7	2.7	
225/45 R17 91V	2.4	2.2	2.7	2.7	

(*) For versions/markets, where provided

RIM PROTECTOR TYRES

WARNING

DO NOT fit wheel caps when using integral wheel caps fixed (with springs) to the steel rim and after sale tyres provided with Rim Protector (fig. 46). Use of unsuitable tyres and wheel caps may cause sudden loss of tyre pressure.



fig. 46 F0Y0005

DIMENSIONS

Dimensions are expressed in mm and refer to the car equipped with its standard-supplied tyres. Height is measured with car unladen.

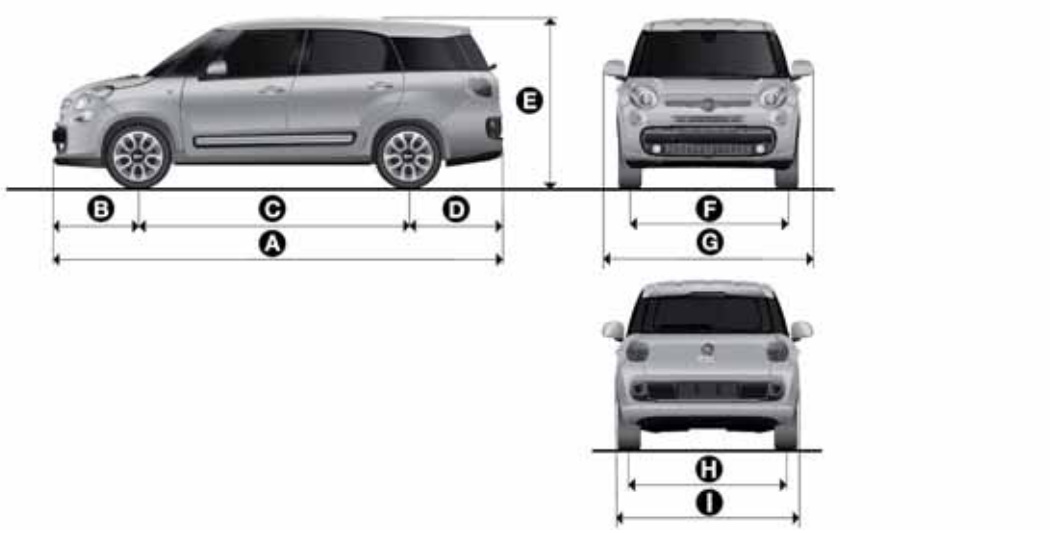


fig. 47 F0Y0335

A	B	C	D	E	F (*)	G	H (*)	I
4352	829	2612	911	1667	1513/1522	2018	1511/1519	1784

(*) Minor variations in size are possible depending on the dimensions of the rims.

LUGGAGE COMPARTMENT CAPACITY

Capacity (V.D.A. standards)

5-seater versions

With second row of rear seats in normal operating conditions: 599 litres.
With second row of rear seats completely folded: 1192 litres.

7-seater versions

With third row of rear seats in normal operating conditions: 168 litres.
With third row of rear seats completely folded: 440 litres.
With second and third row of rear seats completely folded: 1078 litres.

PERFORMANCE

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

Versions	km/h
0.9 TwinAir Turbo 105 HP	180
1.3 16V MultiJet	165
1.6 16V MultiJet	181

WEIGHTS AND LOADS

Versions	0.9 TwinAir Turbo 105 HP	
	5-seater versions	7-seater versions
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1290	1320
Payload including the driver (kg): (**)	515	645
Maximum permitted loads (kg) (***)		
– front axle:	1050	1050
– rear axle:	1000	1080
– total:	1805	1965
Towable loads (kg):		
- braked trailer:	1000	1000
- non-braked trailer:	400	400
Maximum load on roof:	60	60
Maximum load on the ball (braked trailer) (kg):	60	60

(**) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

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

Versions	1.3 16V MultiJet		1.6 16V MultiJet	
	5-seater versions	7-seater versions	5-seater versions	7-seater versions
Unladen weight (with all fluids, fuel tank filled to 90% and without optional equipment)	1315	1305	1395	1425
Payload including the driver (kg): (*)	550	715	520	650
Maximum permitted loads (kg) (**)				
– front axle:	1050	1050	1050	1050
– rear axle:	1000	1080	1000	1080
– total:	1865	2020	1915	2075
Towable loads (kg):				
- braked trailer:	1000	1000	1100	1100
- non-braked trailer:	400	400	400	400
Maximum load on roof:	60	60	60	60
Maximum load on the ball (braked trailer) (kg):	60	60	60	60

(*) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases, thus reducing the specified payload in relation to the maximum permitted loads.

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

FUEL CONSUMPTION

The fuel consumption values given in the table below are determined on the basis of the type-approval tests laid 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 extra-urban use of the car: speed varies between 0 and 120 km/h;

❒ combined fuel consumption: calculated with a weighting of approximately 37% of the urban cycle and 63% of the extra-urban cycle.

IMPORTANT The type of route, traffic conditions, weather conditions, driving style, general condition of the car, trim level/equipment/accessories, use of the climate control system, car load, presence of roof racks and other situations that adversely affect the aerodynamics or wind resistance lead to different fuel consumption values than those measured.

IMPORTANT The fuel consumption will get more regular only after having driven the first 3000 km.

FUEL CONSUMPTION ACCORDING TO THE CURRENT EUROPEAN DIRECTIVE (litres/100 km)

Versions	Urban	Extra-urban	Combined
0.9 TwinAir Turbo 105 HP (*)	5,7	4,3	4,8
0.9 TwinAir Turbo 105 HP (*) (**)	5,6	4,2	4,7
1.3 16V MultiJet	5,0	3,7	4,2
1.6 16V MultiJet	5,4	3,9	4,5

(*) Type-approval test starting in 2nd gear.

(**) For versions/markets, where provided.

CO_2 EMISSIONS

The CO_2 emission levels given in the following table refer to combined consumption.

Versions	CO_2 EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km)
0.9 TwinAir Turbo 105 HP	112
0.9 TwinAir Turbo 105 HP (*)	109
1.3 16V MultiJet	110
1.6 16V MultiJet	117

(*) For versions/markets where provided.

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uconnect™ 5” Radio

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INTRODUCTION

The car is equipped with an infotelematic system designed according to the specific characteristics of the passenger compartment, with a customised design that matches the style of dashboard.

The system is installed in an ergonomic position for the driver and passenger, and controls can be quickly located from the graphical display on the front, making the device easy to use.

To increase protection against theft, the system has a protection system that only allows it to be used on the vehicle in which it was originally fitted.

The instructions for use are given below and we recommend you read them carefully and always keep them to hand (for example, in the glove compartment).

Enjoy reading. Happy motoring!

The information in this publication is provided by way of example. Fiat Group Automobiles S.p.A. can modify the specifications of the vehicle model described in this publication at any time, for technical or marketing purposes. For further information, contact a Fiat Dealership.

TIPS, CONTROLS AND GENERAL INFORMATION

TIPS

Road safety

Learn how to use the various system functions before setting off.

Read the instructions for the system carefully before setting off.

WARNING

If the volume is too loud this can be dangerous. Adjust the volume so that you can still hear background noises (e.g. horns, ambulances, police vehicles, etc.).

Reception conditions

Reception conditions change constantly while driving. Reception may be interfered with by the presence of mountains, buildings or bridges, or when you are far away from the broadcaster.

IMPORTANT The volume may be increased when receiving traffic alerts and news.

Care and maintenance

Observe the following precautions to ensure the system is fully operational:

- ❒ the display is sensitive to scratching, liquids and detergents. The display should not come into contact with pointed or rigid objects which could damage its surface. Do not press on the display when cleaning it.
- ❒ prevent any liquid from entering the system: this could be damaged beyond repair.

Only clean the front panel and the display with a soft, clean, dry, anti-static cloth. Cleaning and polishing products may damage the surface. Do not use alcohol or similar products to clean the panel or the display.

Important

In the event of a failure, the system should only be checked and repaired at a Fiat Dealership.

If the temperature is particularly low, the display may take a while to reach optimum brightness.

If the car is stopped for a while and the outside temperature is very high, the system may go into "thermal protection" mode, suspending operation until the temperature in the passenger compartment returns to acceptable levels.

CD

Dirt, scratches or any distortions on CDs may cause skipping during playback and poor sound quality. Follow these tips for optimum playback conditions:

❒ only use CDs with the following mark:

❒ clean every CD thoroughly removing any fingerprints or dust using a soft cloth. Hold CDs by the circumference and clean them from the centre towards the edge;

❒ never use chemical products (e.g. antistatic, thinner or spray cans) for cleaning as they could damage the surface of the CDs;

❒ after listening to them place CDs back in their cases to avoid them being damaged;

❒ do not expose CDs to direct sunlight, high temperatures or moisture for long periods;

❒ do not stick labels on the surface of the CD and do not write on the recorded surface using pens or pencils;

❒ never use CDs that are very scratched, cracked, deformed, etc. Their use could cause damage the player or make it malfunction.

To achieve the best quality audio reproduction we recommend the use of original CD supports. Correct operation is not guaranteed when CD-R/RW media are used that were not correctly burnt and/or with a maximum capacity above 650 Mb.

IMPORTANT Do not use commercially available protective sheets for CDs or discs with stabilisers as they could get stuck in the internal mechanism and damage the disc.

IMPORTANT If a copy-protected CD is used, it may take a few seconds before the system starts to play it. The CD player cannot be guaranteed to play all protected discs. The presence of copy protection is often in small letters or may be difficult to read on the cover of the actual CD and it may say something like, for example, "COPY CONTROL", "COPY PROTECTED", "THIS CD CANNOT BE PLAYED ON A PC/MAC" or identified through the use of symbols, such as, for example:

IMPORTANT If a multisession disc is loaded, only the first session will be played.

MULTIMEDIA DEVICES: SUPPORTED AUDIO FILES AND FORMATS

For CD, USB and iPod sources the system can play files with the following extensions and formats:

❒ .MP3 (32 – 320Kbps);

❒ .WAV;

❒ .WMA (5 – 320Kbps) mono and stereo;

❒ .AAC (8 – 96KHz) mono and stereo;

❒ .M4A (8 – 96KHz) mono and stereo;

❒ .M4B (8 – 96KHz) mono and stereo;

❒ .MP4 (8 – 96KHz) mono and stereo.

For all sources (CD, AUX, iPod and **Bluetooth**®), the system can also play the following Playlist formats:

❒ .M3U

❒ .WPL

NOTE It makes no difference whether the suffixes are written in capital or small letters.

NOTES ON TRADEMARKS

iPod, iTunes and iPhone are registered trademarks of Apple Inc.

All other trademarks are the property of their respective owners.

Made for iPod

Works with iPhone

Apple is not responsible for the operation of this device and of its conformity with the safety rules and standards.

ARD ASSOCIAZIONE PER LA RADIOFONIA DIGITALE IN ITALIA

THE DIGITAL RADIO TO LISTEN TO

The DAB/DAB+/DMB Digital Radio function has been certified according to the specifications of "ARD" white sticker, for Class A - Audio services. ARD is a trademark of the Associazione per la Radiofonia Digitale in Italia.

EXTERNAL AUDIO SOURCES

Other electronic devices (e.g. iPod, PDA, etc...) can be used on the car.

Some of them can however cause electromagnetic interference. Disconnect these devices if the system performance worsens.

NOTE The system supports only FAT32-formatted USB devices. The system does not support devices with a capacity higher than 64 Gb.

ANTI-THEFT PROTECTION

uconnect™ is equipped with an anti-theft protection system based on the exchange of information with the electronic control unit (Body Computer) on the car.

This guarantees maximum safety and prevents the secret code from being entered after the power supply has been disconnected.

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

Entering the secret code

When the system is switched on, if the code is requested, the display will show "Please enter Anti-Theft Code" followed by the video page showing a keypad to enter the secret code.

The secret code is made up of four digits, from 1 to 9: to insert the first number of the code press the corresponding key on the display. Enter the other code digits in the same way.

After entering the fourth figure, **uconnect**™ begins operating.

If an incorrect code is entered, the system displays "Incorrect Code. Please Try Again" to notify the user of the need to enter the correct code.

After the 3 available attempts to enter the code, the system displays "Incorrect Code. Radio locked. Please wait 30 minutes": the waiting time is displayed. Once the text has disappeared you can start the code entering procedure again.

Car radio passport

This document certifies ownership of the system. The car radio passport shows the system model, serial number and secret code.

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

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

SOFTWARE UPDATES

When update software for the Uconnect™ 5" Radio system is available, it will be possible to download it from the www.fiat.it (for Italy) or www.fiat.com (for other countries) website, or by contacting a Fiat Dealership.

TECHNICAL SPECIFICATIONS

Speakers for basic specification

Front speakers

❒ 2 ∅ 38 mm tweeters on the door handle;

❒ 2 ∅ 165 mm mid-woofer speakers in the door panel.

Rear speakers

❒ 2 ∅ 165 mm full-range speakers in the door panel.

Hi-Fi specification speakers (for versions/markets, where provided)

Front speakers

❒ 2 ∅ 38 mm tweeters on the door handle;

❒ 2 ∅ 165 mm mid-woofer speakers in the door panel.

Rear speakers

❒ 2 ∅ 165 mm full-range speakers in the door panel;

❒ 1 8-channel amplifier in the luggage compartment;

❒ 1 subwoofer box in the luggage compartment (position varies according to the versions).

QUICK GUIDE

CONTROLS ON FRONT PANEL

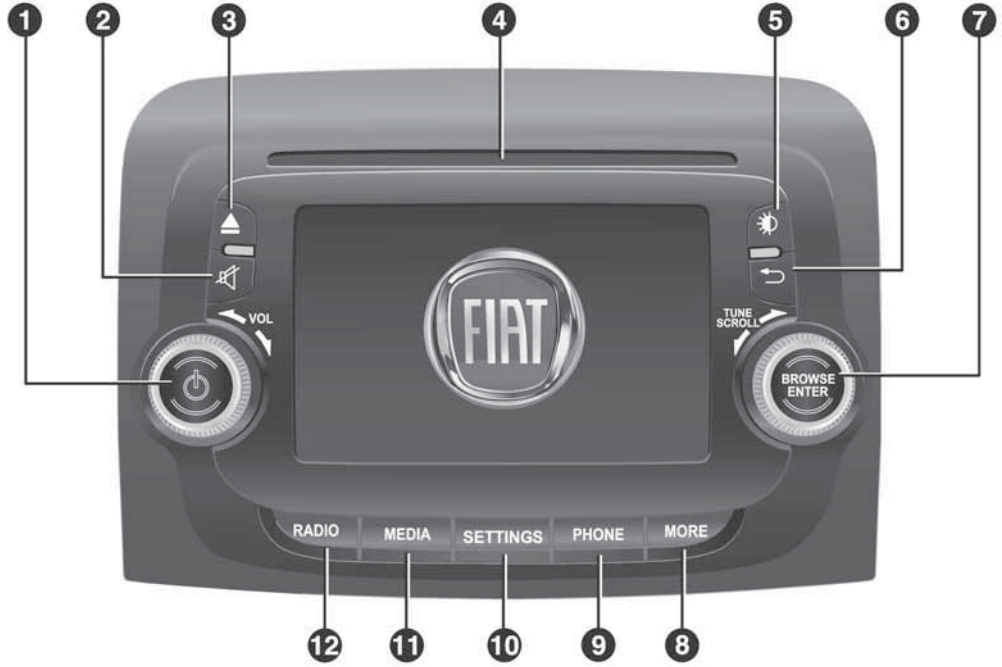


fig. I

F0Y0001

FRONT PANEL CONTROL SUMMARY TABLE

Button	Functions	Mode
1 - ⏻	Ignition	Brief button press
	Off	Brief button press
	Volume adjustment	Left/right rotation of knob
2 - 🔇	Volume activation/deactivation (Mute/Pause)	Brief button press
3 - ⏏	CD ejection	Brief button press
4	CD housing	–
5 - ☀	Display on/off	Brief button press
6 - ↩	Exit the selection/return to previous screen	Brief button press
7 - BROWSE ENTER	Scrolling the list or tuning to a radio station	Left/right rotation of knob
	Confirmation of the option displayed	Brief button press
8 - MORE	Accessing the addition functions (displaying of Time, Trip Computer, eco:Drive function data)	Brief button press
9 - PHONE	Phone data displaying	Brief button press
10 - SETTINGS	Accessing the Vehicle Settings menu	Brief button press
11 - MEDIA	Source selection: CD, USB/iPod, AUX or **Bluetooth**®	Brief button press
12 - RADIO	Accessing the Radio mode	Brief button press

STEERING WHEEL CONTROLS
(for versions/markets, where provided)

DESCRIPTION

The controls for the main system functions are present on the steering wheel to make things easier.

The activation of the function selected is controlled, in some cases, by how long the button is pressed (short or long press) as described in the table below.

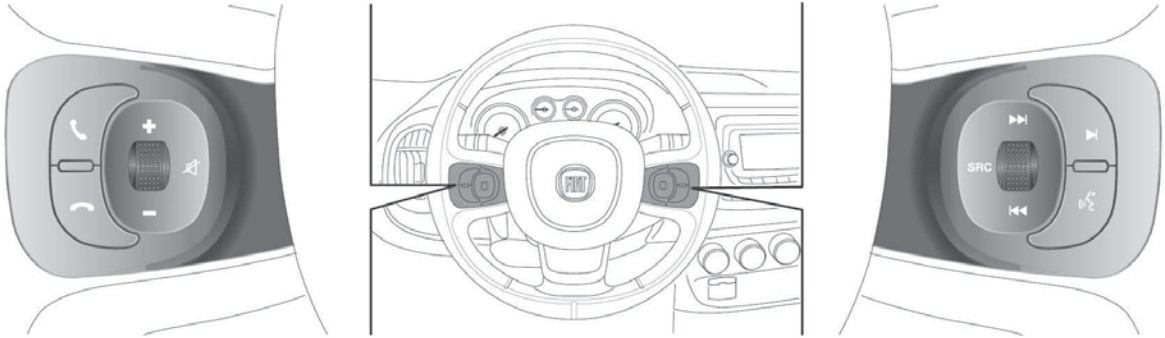


fig. 2 F0Y0002

STEERING WHEEL CONTROL SUMMARY TABLE

Button	Interaction (pressure/rotation)
	- Acceptance of incoming call - Acceptance of the second incoming phone call and putting the active phone call on hold - Activation of voice recognition for Phone function - Interruption of the voice message in order to give a new voice command - Interruption of voice recognition
	- Rejection of incoming call - Ending of call in progress
	Pressing the centre of the left wheel: - deactivation/reactivation of the microphone during a phone conversation - activation/deactivation of the CD, USB/iPod, **Bluetooth**® source Pause - activation/deactivation of radio Mute function
+/–	Turning left wheel upwards or downwards: - adjustment of the audio volume: hands-free, SMS message reader, voice announcements and music sources
	- Scrolling the stored radio stations (preset)
	- Activation of voice recognition - Interruption of the voice message in order to give a new voice command - Interruption of voice recognition
	Turning right wheel upwards or downwards: - Radio Mode: selection of previous/next radio station - CD, USB/iPod, **Bluetooth**® mode: selection of previous/next track
SRC	Pressing the centre of the right wheel: - selection of audio sources available: radio, CD, USB/iPod, AUX and **Bluetooth**®

SWITCHING THE SYSTEM ON/OFF

RADIO (TUNER) MODE

The system switches on/off when the button/knob ⏻ (ON/OFF) is pressed (1-fig. 1).

The electronic volume adjustment control rotates continuously (360°) in both directions without stop positions.

Turn the button/knob clockwise to increase the radio volume or counterclockwise to decrease it.

The system has the following tuners: AM, FM and DAB (for versions/markets, where provided).

RADIO MODE SELECTION

Press the RADIO button (12-fig. 1) on the front panel to activate the radio mode.

The different tuning modes can be selected with the corresponding button on the display (see fig. 3).

Each tuning mode can have a specific preselection set.

FREQUENCY BAND SELECTION

Briefly press the "AM/FM" button to switch from AM to FM and vice versa.

If the DAB tuner is available, briefly press the "AM/FM", "AM/DAB", "FM/DAB" buttons to select the desired band.

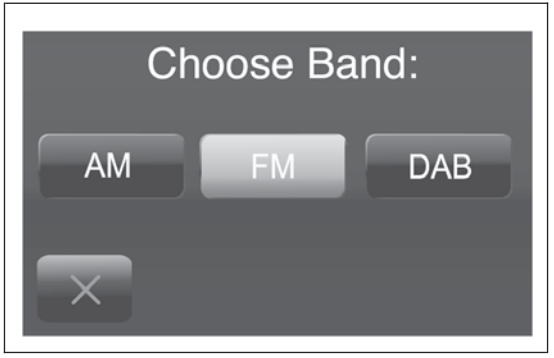


fig. 3 F0Y1001

DISPLAYED INFORMATION

After the desired radio station is selected on the display (see fig. 4), the following information is shown:

At the top: the list of radio stations stored (preset) is displayed; the station being listened to is highlighted.

In the middle: the name of the radio station being listened to and the buttons to select the previous or the next radio station are displayed.



fig. 4 F0Y1000

At the bottom: the following buttons are displayed:

- ❒ "Browse": list of the radio stations available;
- ❒ "AM/FM", "AM/DAB", "FM/DAB": selection of the desired frequency band (button reconfigurable according to the band selected: AM,FM or DAB);
- ❒ "Tune" : manual radio station tuning (not available for DAB radios);
- ❒ "Info": additional information on the source being listened to;
- ❒ "Audio": access to the "Audio setting" screen.

RADIO STATION SELECTION

To search for the desired radio station press buttons ⏮ or ⏭ on the display or use the steering wheel controls.

PREVIOUS/NEXT RADIO STATION SEARCH

Briefly press buttons ⏮ or ⏭ on the display: when the button is released the previous or the next radio station is displayed.

When searching forwards, if the system reaches the end of the band, it will automatically stop on the station where the search has started from.

PREVIOUS/NEXT RADIO STATION FAST SEARCH

Hold down buttons ⏮ or ⏭ on the display to start the fast search: when the button is released, the first tunable radio station can be heard.

AM/FM RADIO STATION TUNING

Use the "Tune" button to select a radio station.

Press the "Tune" button on the display then select the first number of the desired radio station (see fig. 5).

The graphic keyboard on the display is used to enter the number of the station.

In this mode, use buttons **+** and **–** to fine-tune the frequency.

Press button ⌫ (Delete) to delete a wrong number (and enter the correct station number).

After entering the last digit of the station, the "Tune" screen is deactivated and the system tunes automatically to the station selected (the number of the radio station is displayed in the "Tune" text box).

The screen disappears automatically after 5 seconds or manually by pressing the "OK" or ⌫ (Delete) buttons.

Incomplete radio station selection ("OK")

Press the "OK" button on the display to tune to the radio station selected and close the "Direct Tune" screen (manual tuning).

Exit the "Direct Tune" screen

Press the "Exit" or the "Radio" button on the display to return to the system main screen.

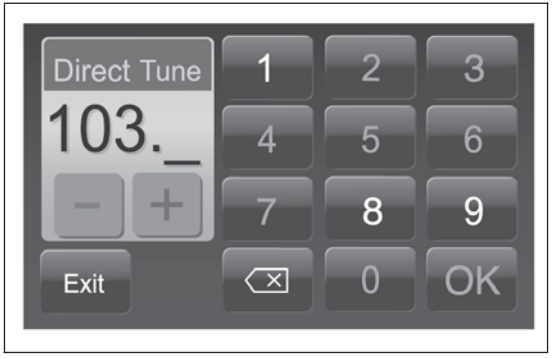


fig. 5 F0Y1007

DAB RADIO

(for versions/markets, where provided)

Once the DAB radio mode on the display is selected, the information on the station being listened to is displayed (see fig. 6) and the following modes will be available:

Selection of the previous/next radio station by:

- ❒ rotating the BROWSE ENTER button/knob (7-fig. 1);
- ❒ briefly pressing the |◀◀ or ▶▶| buttons on the display;
- ❒ pressing the |◀◀ or ▶▶| controls on the steering wheel.

Hold down the |◀◀ or ▶▶| buttons to fast scroll the station list.



fig. 6 F0Y1020

The "Browse" button is used to display:

- ❒ the list of all DAB stations;
- ❒ the list of stations filtered by "Genres";
- ❒ the list of stations filtered by "Ensembles" (broadcast group).

Use the "ABC" button inside each list to skip to the desired letter.

The "Refresh" button requires the DAB radio station list to be updated: the update can take a few seconds up to about two minutes.

SETTING THE PRESELECTIONS

Preselections are available in all system modes and are activated by touching one of the preselection buttons located at the top of the display.

To store the radio station being listened to, press and hold down the button corresponding to the desired preset until a confirmation acoustic signal is heard.

The system can store up to 12 radio station in each mode: 4 radio stations are displayed at the top.

Press the "All" button on the display to show all the radio stations stored in the frequency band selected.

AUDIO

To enter the "Audio" menu, press the SETTINGS button (10-fig. 1) on the front panel, scroll the menu then select and press the "Audio" item on the display.

The following adjustments can be carried out using the "Audio" menu:

- "Equalizer" (for versions/markets, where provided);
- "Balance/Fade" (left/right and front/rear balance adjustment);
- "Volume/Speed" (excluding versions with Hi-Fi system) speed-dependent automatic volume adjustment;
- "Loudness" (for versions/markets, where provided);
- "Auto-On Radio";
- "Radio Off Delay".

To exit the "Audio" menu, press the ⬅/Done button.

NOTE When a setting is changed, the ⬅ button is replaced with the word "Done".

Equalizer
(for versions/markets, where provided)

Select "Equalizer" on the display to adjust the bass, medium and treble tones.

Use the "+" or "–" buttons to carry out the settings desired (see fig. 7).

Then press ⬅/Done button to return to the "Audio" menu.

Balance/Fade

Press the "Balance/Fade" button to balance the sound from the front and rear seat speakers.

Press the ▲ or ▼ buttons to balance the front and rear speakers (see fig. 8).

Press the ◀ or ▶ buttons to balance the speakers on the left and the right side.

The adjustment is also possible by moving the 🔊 symbol on the right side of the display upwards/downwards/to the left/to the right.

Press the central "C" button to balance the adjustments.

Then press ⬅/Done button to return to the "Audio" menu.

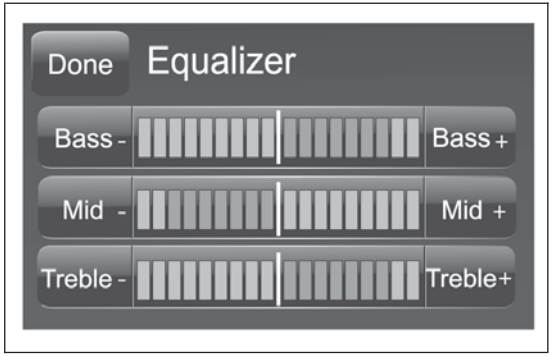


fig. 7 F0Y1002

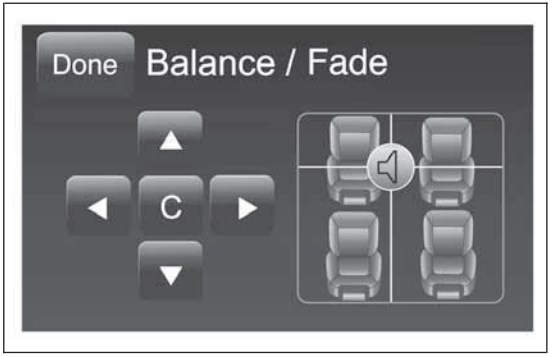


fig. 8 F0Y1003

Volume/Speed

Press the "Volume/Speed" button to choose between "Off" and "1, 2 or 3".

The option selected is displayed (see fig. 9).

Choose "1, 2 or 3" to increase the volume proportionally to the selection made.

Then press ⬅/Done button to return to the "Audio" menu.

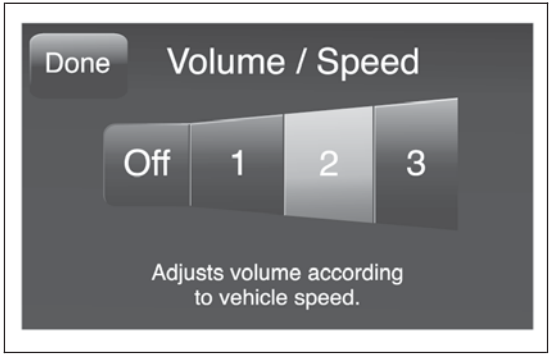


fig. 9 F0Y1004

Loudness

(for versions/markets, where provided)

To activate/deactivate the "Loudness" function to improve the sound quality at low volumes.

Auto-On Radio

To set the radio behaviour when the ignition key is turned to MAR.

The options are radio on, radio off or reset of the condition active when the ignition key was last turned to STOP.

Radio Off Delay

To keep the radio on for a preset time after the ignition key is turned to STOP.

MEDIA MODE

This section describes the interaction modes concerning the operation of CD, **Bluetooth**®, AUX, USB/iPod fig. 10.

TRACK CHANGE (previous/next)

Briefly press the ▶▶| button or turn the BROWSE ENTER button/knob (7-fig. 1) clockwise to play the next track or briefly press the |◀◀ button or turn the BROWSE ENTER button/knob counterclockwise to return to the beginning of the selected track or at the beginning of the previous track if this has been played for less than 8 seconds.

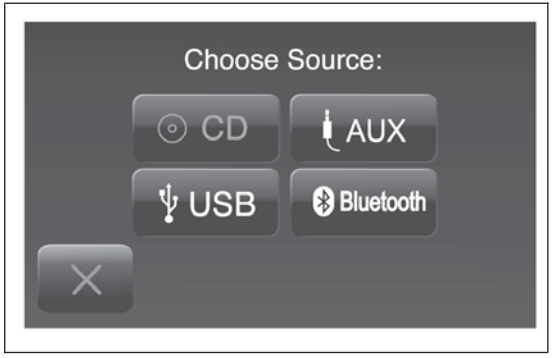


fig. 10 F0Y1008

TRACK FAST FORWARD/REWIND

Press and hold down the ▶▶| button to fast forward the selected track or keep the |◀◀ button pressed to fast rewind the track.

The fast forward/rewind will stop once the button is released or when the previous/next track is reached.

TRACK SELECTION (Browse)

Use this function to scroll through or select the tracks on the active device.

The selection options depend on the device connected or the CD type inserted.

For example, on an audio CD you can select the track to be played, whilst on a CD-ROM, a USB/iPod or **Bluetooth**® device you can scroll through the list of artists, genres and albums available depending on the information present on the tracks.

NOTE A few **Bluetooth**® devices do not offer the possibility of scrolling tracks through all categories.

Use the "ABC" button inside each list to skip to the desired letter within the list.

NOTE This button may be disabled for some **Apple**® devices.

NOTE The "Browse" button does not allow any operation on an AUX device.

NOTE Not all **Bluetooth**® devices enable to scroll the information on the tracks. To consult the list of audio **Bluetooth**® devices and supported functions, visit the www.fiat.it website (for Italy) or the www.fiat.com website (for other countries) or call Customer Service on 00800.3428.0000 (the number may vary depending on the country: please refer to the reference table in the "Customer Service number list" paragraph herein).

Press the "Browse" button to activate this function on the source being played.

Turn the BROWSE ENTER (7-fig. 1) button/knob to select the desired category and then press the button/knob to confirm the selection.

Press the "X" button to cancel the function.

NOTE The indexing time of a USB device can vary according to the media inserted (in some cases it can take a few minutes).

AUDIO SOURCE SELECTION

Press the "Source" button to select the desired audio source among those available: CD, AUX, USB/iPod or **Bluetooth**®.

If no source is selected, the screen disappears after a few seconds and the display shows the main screen again.

TRACK INFORMATION DISPLAY

Press the "Info" button to show on the display the information on the track being listened to for devices that support the function.

Press the "X" button to exit the screen.

RANDOM TRACK REPRODUCTION

Press the ">" button then the "Shuffle" button to play the tracks on CD, USB/iPod or **Bluetooth**® in random mode.

Press the "Shuffle" button again to deactivate the function.

TRACK REPETITION

Press the ">" button then the "Repeat" button to activate the function.

Press the "Repeat" button again to deactivate the function.

CD PLAYER

To activate the CD mode, enter an audio CD or an MP3 in the relevant slot 4 (fig. 1) or press the MEDIA button (11 - fig. 1) on the front panel.

If there is a CD inside, press the graphic button "Source" then select "CD".

If the CD loaded cannot be read (e.g. a CD-ROM has been inserted or the CD is inserted the wrong way round or there is a reading error) the display will show an error message.

LOADING/EJECTING A CD

To load the CD, insert it gently into the slot to activate the motorised loading system, which will position it correctly (the "CD" symbol on the display comes on).

Enter a CD when the system is on, the CD mode is automatically selected and the system starts playing the tracks.

The display shows the number of the track and the time (minutes and seconds).

Press the ▲ button (EJECT) (3 - fig. 1) on the front panel, with the system on, to activate the motorised ejection of the CD.

After the ejection, the audio source will be automatically selected.

If the CD is not removed from the slot, the system will re-enter it automatically after about 10 seconds without playing it.

Bluetooth® SOURCE

This mode is activated by pairing a **Bluetooth** ® device containing music tracks.with the system.

PAIRING A Bluetooth® AUDIO DEVICE

To pair a **Bluetooth**® audio device, proceed as follows:

- ❒ activate the **Bluetooth**® function on the device;
- ❒ press the MEDIA button (11-fig. 1) on the front panel;
- ❒ if the "Media" source is active, press the "Source" button;
- ❒ select the **Bluetooth**® media source;
- ❒ press the "Add Device" button;
- ❒ search for **uconnect**™ on the **Bluetooth**® audio device (during the pairing stage a screen is displayed showing the progress of the operation);
- ❒ when requested by the audio device, enter the PIN code shown on the system display or confirm on the device the PIN displayed;
- ❒ if the pairing procedure is completed successfully, a screen is displayed. Answer "Yes" to the question to pair the **Bluetooth**® audio device as favourite (the device will have priority on all other devices that will be paired later on). If "No" is selected, the priority is determined according to the order of connection. The last device connected will have the highest priority;
- ❒ an audio device can also be paired by pressing the SETTINGS button (10-fig. 1) on the front panel and by selecting "Phone / **Bluetooth**®".

IMPORTANT If the **Bluetooth** ® connection between mobile phone and system is lost, consult the mobile phone owner's handbook.

USB/iPod SUPPORT

To activate the USB/iPod mode insert the corresponding device (USB or iPod) in the USB port fig. 11 present on the car.

If a USB/iPod device is inserted with the system on, this starts playing the tracks present on the device.

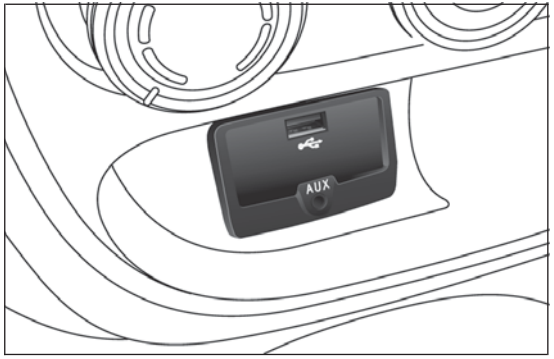


fig. 11 F0Y0097

AUX SUPPORT

To activate the AUX mode fit a suitable device in the AUX port on the car.

Inserting a device with AUX outlet socket the system starts playing the AUX source connected, if it is already being played.

Adjust the volume by the button/knob ⏻ (1 - fig. 1) on the front or by the volume adjustment control on the connected device.

As for the "Audio source selection" function, see the chapter "Media Mode".

IMPORTANT

The functions of the device connected with the AUX socket are directly managed by the device itself: it is not possible to change track/folder/playlist or control playing start/end/pause with the controls on the front panel or on the steering wheel.

Do not leave the cable of your portable player connected with the AUX socket after disconnection, to avoid possible hiss from the speakers.

PHONE MODE

PHONE MODE ACTIVATION

Press the PHONE button (9-fig. 1) on the front panel to activate the Phone mode.

The following screen appears on the display (see fig. 12).

MAIN FUNCTIONS

Use the buttons on the display to:

❒ dial the phone number (using the graphic keypad on the display);

❒ display and call the contacts on the mobile phone phonebook;

❒ display and call contacts from the registers of previous calls;



fig. 12 F0Y1012

❒ pair up to 10 phones/audio device to make access and connection easier and quicker;

❒ transfer calls from the system to the mobile phone and vice versa and deactivate the microphone audio for private conversations.

Your mobile phone's audio is transmitted through your vehicle audio system; the system will automatically mute your radio when using the Phone function.

DISPLAYED INFORMATION

When a phone is connected to the system, the display shows various information (if available):

❒ status of roaming;

❒ network signal intensity;

❒ mobile phone battery charge;

❒ mobile phone name.

To consult the list of mobile phones and supported functions, visit the www.fiat.it website (for Italy) or the www.fiat.com website (for other countries) or call Customer Service on 00800.3428.0000 (the number may vary depending on the country: please refer to the reference table in the "Customer Service number list" paragraph herein).

PAIRING A MOBILE PHONE

IMPORTANT Carry out this operation only with car stationary and in safety conditions; this function is deactivated when the car is moving.

Even though the mobile phone pairing procedure is described below we always recommend to consult the mobile phone owner's handbook.

To pair the mobile phone, proceed as follows:

- ❒ activate the **Bluetooth** ® function on the mobile phone;
- ❒ press the PHONE button (9-fig. 1) on the front panel;
- ❒ if no phone is paired with the system yet, the display shows a dedicated screen;
- ❒ select "Yes" to start the pairing procedure then search for the **uconnect**™ device on the mobile phone (if "No" is selected, the Phone main screen is displayed);
- ❒ when prompted by the mobile phone, use its keyboard to enter the PIN code shown on the system display or confirm on the mobile phone the PIN displayed;
- ❒ from the "Phone" screen you can always pair a mobile phone pressing the "Settings" button: press the "Add Device" button and proceed as described above;
- ❒ during the pairing stage a screen is displayed showing the progress of the operation;
- ❒ if the pairing procedure is completed successfully, a screen is displayed: answer "Yes" to the question to pair the mobile phone as favourite (the mobile phone will have priority on all other mobile phones that will be paired later on). If no other devices are paired, the system will consider the first associated device as favourite.

Note

The priority is determined according to the order of connection for mobile phones which are not set as favourite. The last phone connected will have the highest priority.

STORING NAMES/NUMBERS IN THE MOBILE PHONE PHONEBOOK

Before pairing your mobile phone, you must make sure you have stored the names you want to contact in the phonebook on your mobile phone so that you can call them using the car's hands-free system.

If your phonebook does not contain any names, enter new names for the most frequently used numbers.

For further details, consult your mobile phone owner's handbook.

IMPORTANT The names in the phonebook not containing phone numbers or name and surname will not be displayed.

CONNECTION/DISCONNECTION OF A MOBILE PHONE OR A Bluetooth® AUDIO DEVICE

Connection

The system connects automatically to the mobile phone paired with the highest priority.

To choose a specific mobile phone or **Bluetooth**® audio device, proceed as follows:

❒ press the SETTINGS button (10-fig. 1) on the front panel;

❒ select "Phone / Bluetooth" on the display;

❒ select the "Paired Phones" or "Paired Audio" list using the corresponding button on the display;

❒ select the specific device (mobile phone or **Bluetooth**® device);

❒ press the "Connect" button;

❒ during the connection stage a screen is displayed showing the progress of the operation;

❒ the device connected is highlighted in the list.

Disconnection

To disconnect a specific mobile phone or **Bluetooth**® audio device, proceed as follows:

❒ press the SETTINGS button (10-fig. 1) on the front panel;

❒ select "Phone / Bluetooth" on the display;

❒ select the "Paired Phones" or "Paired Audio" list using the corresponding button on the display;

❒ select the specific device (mobile phone or **Bluetooth**® device);

❒ press the "Disconnect" button.

DELETION OF A MOBILE PHONE OR A Bluetooth® AUDIO DEVICE

To delete a mobile phone or **Bluetooth**® audio device from a list, proceed as follows:

❒ press the SETTINGS button (10-fig. 1) on the front panel;

❒ select "Phone / Bluetooth" on the display;

❒ select the "Paired Phones" or "Paired Audio" list using the corresponding button on the display;

❒ select the device (mobile phone or **Bluetooth**® device);

❒ press the "Delete Device" button;

❒ a confirmation screen will appear on the display: press "Yes" to delete the device or "No" to cancel the operation.

SETTING A MOBILE PHONE OR A Bluetooth® AUDIO DEVICE AS FAVOURITE

To set a mobile phone or **Bluetooth**® audio device as favourite, proceed as follows:

- ❒ press the SETTINGS button (10-fig. 1) on the front panel;
- ❒ select "Phone / Bluetooth" on the display;
- ❒ select the "Paired Phones" or "Paired Audio" list using the corresponding button on the display;
- ❒ select the specific device (mobile phone or **Bluetooth**® device);
- ❒ press the "Make Favourite" button;
- ❒ the device selected is moved to the top of the list.

DELETION OF PHONE DATA (PHONEBOOK AND RECENT CALLS)

Select "Phone Data Delete" on the display to delete the list of recent calls and the phonebook copy.

TRANSMISSION OF PHONE DATA (PHONEBOOK AND RECENT CALLS)

If your mobile phone has a function for sending the phonebook via **Bluetooth**® technology.

During the pairing procedure a screen will appear with the request "Do you want to download you phone data and recent calls?".

Answer "Yes" to copy the whole phonebook and the list of recent calls to the system.

Answer "No" to carry out the operation later on.

After the first phone data transmission, the procedure for transmitting and updating the phonebook (if supported) starts as soon as a **Bluetooth**® connection is established between mobile phone and system.

Whenever a mobile phone is connected to the system, a maximum of 1000 contacts can be downloaded and updated for each phone.

Depending on the amount of items downloaded from the phonebook, a slight delay can occur before the last names downloaded can be used. Up to then the phonebook downloaded previously (if present) will be available.

Only the phonebook of the mobile phone currently connected to the system can be accessed.

The phonebook downloaded from the mobile phone can neither be modified nor be deleted through the **uconnect**™ system: changes will be transmitted and updated in the system when the mobile phone is next connected.

MAKING A PHONE CALL

The operations described below can only be accessed if supported by the mobile phone in use.

For all functions available, refer to the mobile phone owner's handbook.

A call can be made by:

❒ selecting the  icon (mobile phone phonebook);

❒ selecting "Recent Calls";

❒ selecting the ☐ icon;

❒ Pressing the "Redial" button.

Dialling the phone number using the "keyboard" icon on the display

Enter the phone number using the graphic keyboard displayed.

Proceed as follows:

❒ press the PHONE button (9-fig. 1) on the front panel;

❒ press the ☐ button on the display and use the numbered buttons to enter the number;

❒ press the "Call" button to make a call.

Dialling the phone number using the mobile phone

It is possible to dial a phone number with the mobile phone and continue using the system (never allow yourself to be distracted while driving).

When a phone number is dialled with the keyboard of the mobile phone, the audio of the call is played over your car's sound system.

Recent calls

The list of the last calls made for each of the following call types can be displayed:

❒ Calls received;

❒ Calls made;

❒ Calls without a reply;

❒ All calls.

To access these types of calls, press the "Recent Calls" button on the Phone menu main screen.

MANAGING AN INCOMING CALL

Call controls

The buttons on the display allow the following phone call functions to be managed:

❒ Answer;

❒ End;

❒ Ignore;

❒ Put on hold/resume;

❒ Deactivate/activate the microphone;

❒ Transfer the call;

❒ Switch from one call to the other;

❒ Conference/merge two active calls.

Answering a phone call

When a phone call is received on the mobile phone, the system deactivates the audio system (if active) and displays a screen.

Press the "Answer" button or the button on the steering wheel controls to answer.

Rejecting a phone call

Press the "Ignore" button or the button on the steering wheel controls to reject.

Answering an incoming call during an active conversation

To answer an incoming call whilst another phone conversation is in progress, press the "Answer" button to put the ongoing call on hold and answer the new incoming call.

IMPORTANT Not all mobile phones may support the management of an incoming call when another phone conversation is active.

MAKING A SECOND PHONE CALL

When a phone conversation is active, a second phone call can be made as follows:

- ❒ select the number/contact of the list of recent calls;
- ❒ select the contact from the phonebook;
- ❒ press the "Hold" button and dial the number using the graphic keyboard of the display.

MANAGING TWO PHONE CALLS

If two calls are in progress (one active and one on hold), it is possible to switch between them pressing the "Call On Hold" button or to merge the two calls in a conference pressing the "Merge calls" buttons.

Note

Check whether the telephone in use supports the management of a second call and the "Conference" mode.

ENDING A CALL

Press the "End" button or the button on the steering wheel controls to end a call in progress.

Only the ongoing call is ended and any call on hold becomes the new active call.

Depending on the type of mobile phone, if the ongoing call is ended by the caller, the call on hold may not be activated automatically.

REDIALLING

To call the number/contact of last call made, press the "Redial" button.

CONTINUING A PHONE CALL

After the engine is switched off, it is still possible to continue a phone call.

The call continues until it is ended manually or for a maximum period of about 20 minutes.

When the system is switched off the call is transferred to the mobile phone.

ACTIVATION/DEACTIVATION OF THE MICROPHONE

During a call the microphone can be deactivated pressing the button on the front panel (or on the steering wheel controls) or the "Mute" button on the display.

When the microphone is deactivated it is still possible to listen to the call in progress.

To reactivate the microphone, press the corresponding button again.

TRANSFERRING A CALL

The ongoing calls can be transferred from the mobile phone to the system and vice versa without ending the calls.

To transfer the call, press the "Transfer" button.

SMS MESSAGE READER

The system can read the messages received by the mobile phone.

To use this function the mobile phone must support the SMS exchange function via **Bluetooth**®.

If this function is not supported by the phone, the corresponding button is deactivated (greyed out).

When a text message is received, the display will show a screen where the options "Listen", "Call" or "Ignore" can be selected.

Press the button to access the list of SMS messages received by the mobile phone (the list displays a maximum of 60 messages received).

"MORE" MODE

Press the MORE button (8-fig. 1) on the front panel to display (see fig. 13) the following operation settings:

❒ Trip Computer

❒ Clock

❒ eco:Drive

TRIP COMPUTER

Press the "Trip" button (see fig. 13) to display the trip information of the car.

This function allows you to display the consumption levels and define two separate trips called “Trip A” and “Trip B” for monitoring the car's "complete journey" in a reciprocally independent manner.

Both functions can be reset (reset - start of a new journey): to reset the desired "Trip" hold down the "Trip A" or "Trip B" buttons.

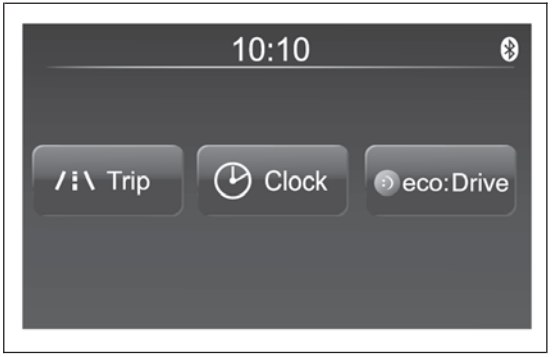


fig. 13 F0Y1013

CLOCK

Press the "Clock" button (see fig. 13) to display the clock.

eco:Drive

The eco:Drive application (fig. 14) allows the driver to monitor their driving style in order to achieve more efficient driving in terms of fuel economy and emissions reduction.

Monitoring appears on the display in real time; it is however possible to access detailed overall information by consulting the eco:Drive site (see paragraph "Data transfer").

The assessment of driving style is indicated by 4 indices which are assessed as optimal when the "eco"-driving style criteria below are complied with:



fig. 14 F0Y1014

- *Acceleration/Deceleration*: avoid abrupt acceleration/deceleration, favouring gradual increases/decreases in speed.
- *Gearbox*: use the gear most suited to the road conditions, in order to optimise fuel consumption (on versions with automatic transmission, using "Auto" mode, this parameter is not displayed).
- *Speed*: adopt a driving style which maintains, above all on traffic-free roads, the most appropriate, constant driving speed, anticipating any deceleration due to uneven road surfaces or traffic conditions.

NOTES

The values measured are not directly connected to instant fuel consumption but are intended to suggest how the driver can alter their driving style in order to reduce consumption.

Different journeys may have different values even though the driver maintains the same driving style, since they are affected by factors such as traffic conditions, length of journey and cold starting.

An "eco:Drive" is a more "fluid" drive, even if traffic conditions often inhibit this. A more "aggressive" drive, on the other hand, implies frequent acceleration/deceleration with resulting increased fuel consumption and harmful emissions.

Activation

Press the "eco:Drive" button (see fig. 13) to interact with the function.

To activate the function press the "eco:Drive ON" button.

A screen will be displayed (see fig. 15) showing the 4 indices described above.

These indexes are grey until the system has sufficient data to evaluate the driving style or in the event of long stops.

Once sufficient data are available, the indexes will have 4 colours depending on the evaluation: green (very good), yellow, orange and red (very bad).

With reference to the fig. 15 "Current index" refers to the overall average value of the indices described calculated in real time, indicating the eco-sustainability of the driving style, from 0 (low) to 100 (high).

To check the data average of previous trip (the "trip" starts when the ignition key is turned to MAR and stops when it is turned to STOP), select the "Previous Trip" button (see fig. 16).

Deactivation

Press the "eco:Drive Off" button to deactivate the function.

Data transfer

The trip data is saved in the system's memory. By correctly configuring a USB drive and going to the eco:Drive site, the history of trips can be archived in a personal profile and the overall analysis of the trip data and driving style can be consulted.

Do not remove the USB stick until the system has downloaded the data since they might be lost completely or partially.

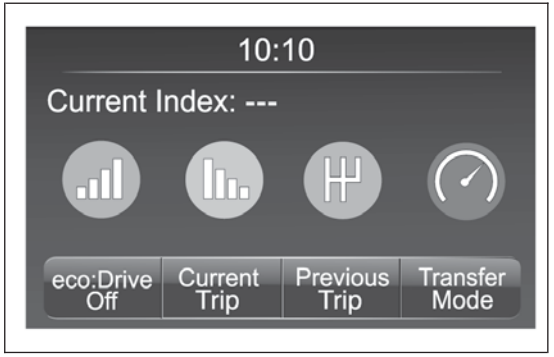


fig. 15 F0Y1015

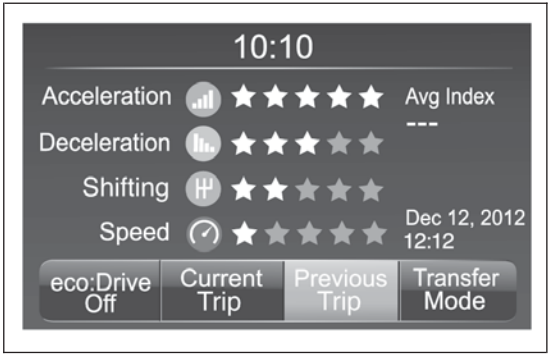


fig. 16 F0Y1016

During the transfer of data to the USB drive, messages may appear on the display to guide the user correctly through the operation; follow these instructions.

These messages are only displayed with ignition key in STOP position and system off delay longer than 0 minutes.

NOTES

Warning messages will be displayed when the USB storage device is full.

When the eco:Drive data is not transferred to USB storage device for a long time, the internal memory of the **uconnect**™ system may be exhausted. Warning messages will also be displayed in these circumstances: it will be necessary to connect the USB storage device configured for eco:Drive in order not to lose the saved data.

SETTINGS

Press the SETTINGS button (10-fig. 1) on the front panel to display the "Settings" main menu (see fig. 17).

NOTE The menu items displayed vary according to the versions.

The menu comprises the following options:

- ❒ Display;
- ❒ Time & Date;
- ❒ Safety/Assistance (for versions/markets, where provided);
- ❒ Lights (for versions/markets where provided);
- ❒ Doors & Locks;
- ❒ Audio;
- ❒ Phone / Bluetooth;
- ❒ Radio;
- ❒ Restore Default Settings.



fig. 17 F0Y1005

Display

The "Display" menu contains the following options:

- ❒ *"Brightness"* (this setting is not available when the display mode is set to "Automatic"): select "Brightness" and press the "+" or "–" buttons to adjust the display brightness with the headlights on or off (the setting not corresponding to the active headlight condition is greyed out).
- ❒ *"Display Mode"*: press the "Display Mode" button to set the display brightness according to "Day", "Night" or "Auto" condition. In "Auto" mode the display brightness is aligned to that of the instrument panel.
- ❒ *"Language"*: press the "Language" button to select one of the languages available.
- ❒ *"Units"*: press the "Units" button to select the correct unit for "Temperature" ("°C" or "°F"), "Distance" ("km" or "mi") and "Fuel Consumption". If the distance is in "km", "km/l" or "l/100km" can be selected. If the distance is in "mi" (miles), "miles per gallon" ("mpg") are set automatically.
- ❒ *"Voice Resp. Length"*: press the relevant button to set the detail level of the voice messages supplied by the system and the suggestions displayed.
- ❒ *"Touchscreen Beep"*: press the relevant button to activate/deactivate the acoustic signal when the buttons on the displayed are pressed.
- ❒ *"Display Trip B"*: press the relevant button to activate/deactivate the displaying of the Trip B on the instrument panel display.

Clock & Date

Use this function to set the clock.

Time setting

Press the SETTINGS button (10-fig. 1) on the front panel then select "Clock & date" (see fig. 17).

Select "Set Time" and press the ▲ or ▼ buttons (see fig. 18) to adjust hours and minutes.

Press the "12h" or "24h" buttons to select the time format.

The "am" and "pm" are available in "12h" mode.

In the Clock menu, "Show Time Status" can be selected to activate/deactivate the displaying of the clock at the top of the display (for versions/markets where provided).

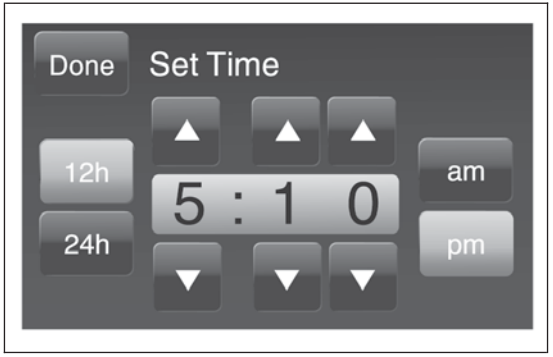


fig. 18 F0Y1006

Date setting

To set the date proceed as for the time setting: select "Set Date" to adjust day, month and year.

Safety/Assistance

(for versions/markets, where provided)

Sensitivity of the rain sensor can be adjusted with this function (for versions/markets, where provided); further, activation/deactivation of the rear camera when the reverse gear is engaged (for versions/markets, where provided) can be controlled.

Lights

(for versions/markets, where provided)

Use this function to carry out the following adjustments:

- ❒ "Twilight sensor" (for versions/markets, where provided): adjustment of headlight switching on sensitivity;
- ❒ "Daytime Lights" (DRL) (for versions/markets where provided): activation/deactivation of daytime lights;
- ❒ "Cornering Lights" (for versions/markets where provided): activation/deactivation of cornering lights.

Doors & Locks

Use this function to activate/deactivate the automatic door locking when the car is moving ("Autoclose" function).

Audio

See paragraph "Audio" in chapter "Switching the system on/off".

Phone / Bluetooth

See the description in the "Connecting/disconnecting a mobile phone or a **Bluetooth**® audio device" paragraph in the "Phone Mode" chapter.

Radio

Use this function to configure the following options:

- ❒ "Traffic Announc.": activation/deactivation of the automatic tuning of the traffic announcements ("TA" function);
- ❒ "Altern. Frequency": activation/deactivation of the automatic tuning of the strongest signal for the station selected ("AF" function);
- ❒ "Regional": activation/deactivation of the automatic tuning to a station which broadcasts regional news ("REG" function);
- ❒ "Playing DAB Announcements" (for versions/markets, where provided): activation/deactivation of automatic tuning to DAB announcements and selection of announcement categories of interest from those available.

Restore Default Settings

Use this function to restore the settings for display, time, date, audio and radio to the default values set by the manufacturer.

VOICE COMMANDS

USE OF THE VOICE COMMANDS

Please follow the suggestions below to be sure that the voice commands are always recognised by the system:

- ❒ speak at a normal volume;
- ❒ always wait for the "beep" before speaking;
- ❒ the system is capable of recognising the voice commands given, irrespective of gender, by the tone of voice and intonation of the person giving the instructions;
- ❒ if possible, try and keep the noise in the passenger compartment to a minimum;
- ❒ before giving voice commands, ask other passengers not to talk. This is to prevent misunderstanding since the system may recognise other words (in addition to or different from your voice command) if several people are speaking;
- ❒ for optimum operation it is advisable to close the windows and the sun roof (for versions/markets, where provided) to avoid external interference.

IMPORTANT Voice commands must always be given in safe driving conditions, in compliance with the laws in force in the country where you are driving and using the mobile phone correctly.

USE OF STEERING WHEEL CONTROLS TO ACTIVATE VOICE COMMANDS

"Phone" button

The button on the steering wheel controls activates the "Phone" voice recognition system to make calls, display recent incoming and outgoing calls and phonebook, etc.

Every time the button is pressed, there is a "beep" and the display shows a suggestion screen inviting the user to say a command.

"Voice" button

The button on the steering wheel controls activates the "Radio/Media" voice recognition system to:

- ❒ tune to a specific radio station;
- ❒ tune to a specific AF/FM radio frequency;
- ❒ play a track on a USB memory stick/iPod/CD MP3;
- ❒ play an album track on a USB memory stick/iPod/CD MP3.

Every time the button is pressed, there is a "beep" and the display shows a suggestion screen inviting the user to say a command.

Fast use of the voice interaction

The buttons or , when pressed during a system voice message, enable to say a voice command directly.

For example, if the system is saying a help voice message and you know the command to give to the system, pressing the buttons or , the voice message is interrupted and you can say the wished voice command directly (without having to listen to the whole help voice message).

The buttons or , if pressed when the system is waiting for a voice command by the user, close the voice session.

VOICE SESSION STATUS

The system displays the voice session status with specific icons:

- (green icon): displayed when the system is listening. In this case you can say a voice command;
- (green icon): displayed when the system has interpreted the said voice command and its function is performed. In this case you cannot say a voice command;
- (green icon): displayed when the system is processing the given voice command. In this case you cannot say a voice command;
- (yellow icon): displayed when the system is saying a help, information or multiple choice voice message. In this case you cannot say a voice command;
- (red icon): displayed when the voice interaction is ended by the user. In this case you cannot say a voice command.

MULTIPLE CHOICE

In a few specific cases the system cannot define univocally the said voice command and asks for choosing among max. four alternatives.

For example, if you ask to call a name in the phonebook and there are similar names, the system will suggest a numerical list of the available alternatives (see fig. 19), asking to say the associated number.

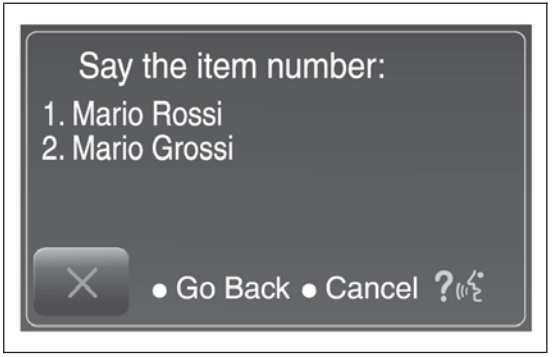


fig. 19 F0Y1046

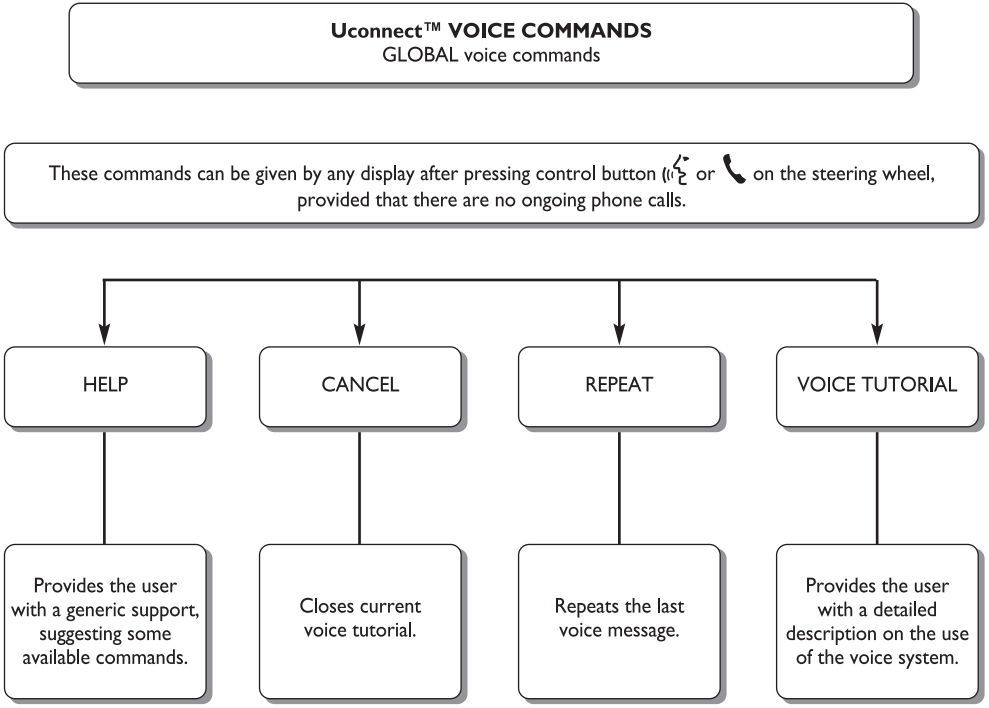


fig. 20 F0Y1040

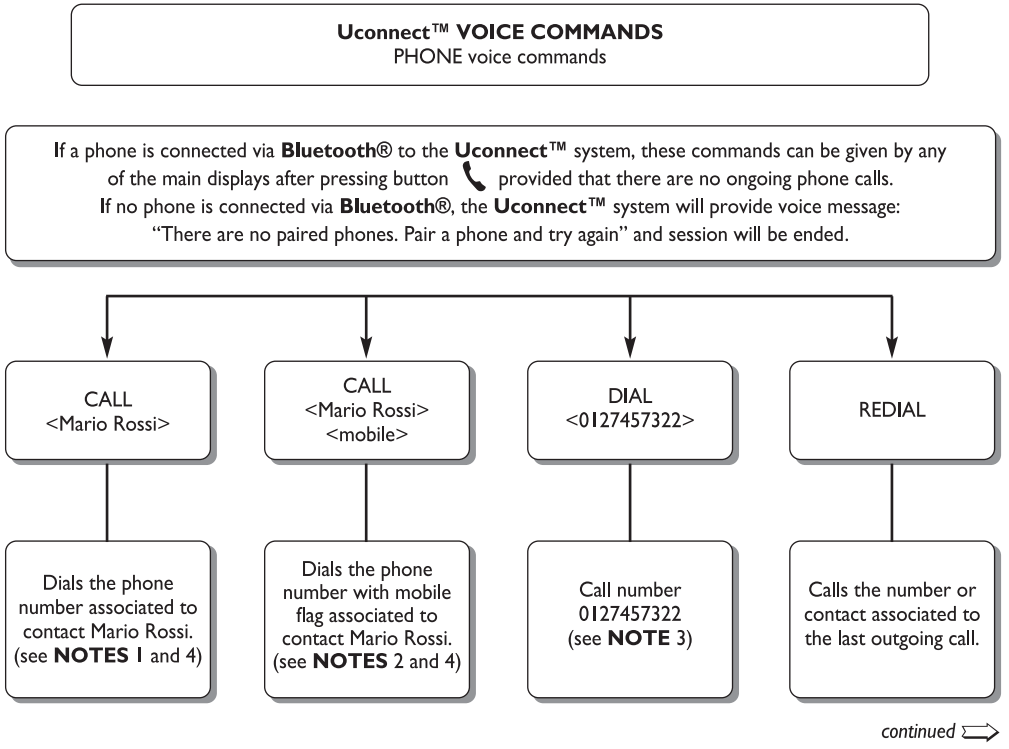
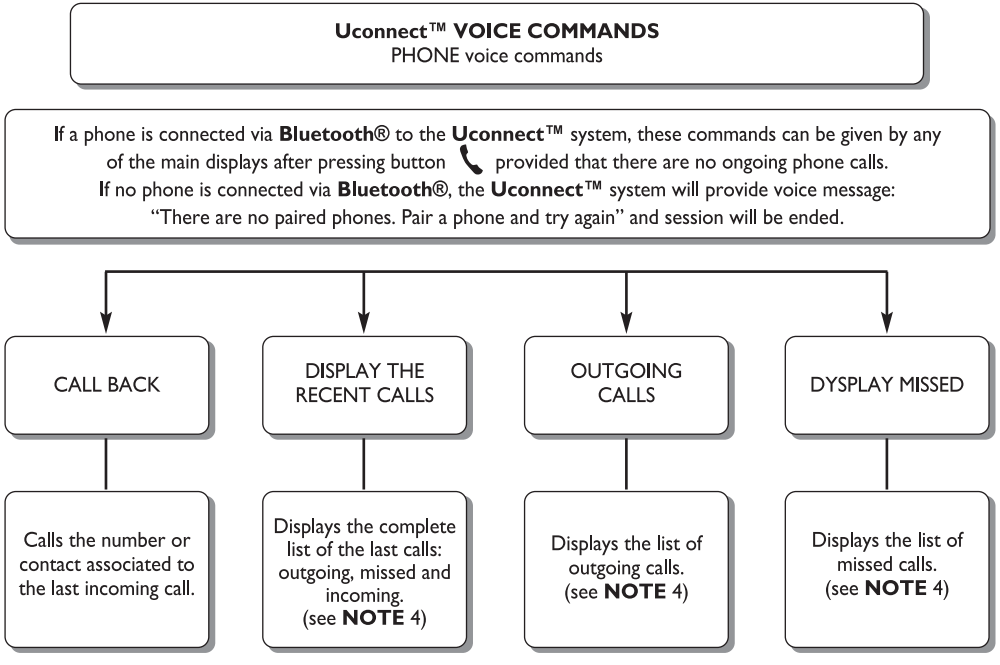


fig. 21 F0Y1041

follows ⇨



continued ⇨

fig. 22 F0Y1042

follows ⇨

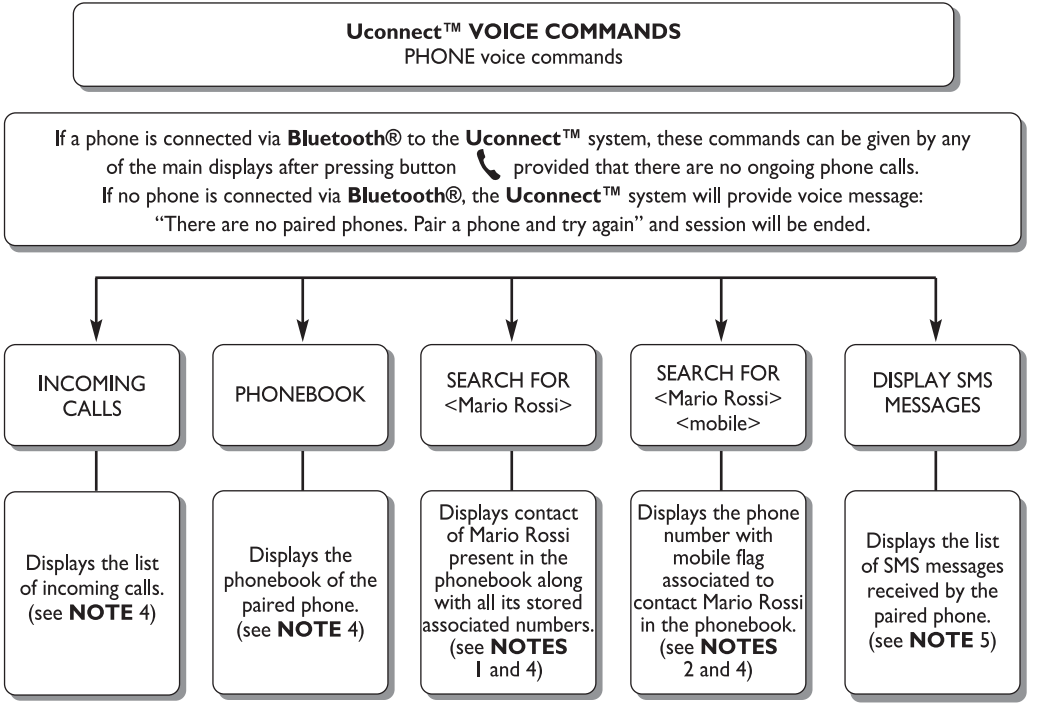


fig. 23 F0Y1043

NOTES

1. <Mario Rossi> can be replaced with any name in the phonebook of your mobile phone.

If the phone allows storing of <name> (Mario) and <surname> (Rossi) in two different fields, the following voice commands can be given:

CALL <Mario> <Rossi>

CALL <Rossi> <Mario>

SEARCH FOR <Mario> <Rossi>

SEARCH FOR <Rossi> <Mario>

2. <mobile> can be replaced with one of the 3 available flags: <home>, <office>, <other>.

If the phone allows storing of <name> (Mario) and <surname> (Rossi) in two different fields, the following voice commands can be given:

CALL <Mario> <Rossi> <mobile>

CALL <Rossi> <Mario> <mobile>

SEARCH FOR <Mario> <Rossi> <mobile>

SEARCH FOR <Rossi> <Mario> <mobile>

3. Phone number <0127457322> can be replaced with any other phone number.

4. This function is only available if the phone, connected via Bluetooth, supports download of the phonebook and of the last calls on the **Uconnect™** system and if the download has been carried out.

5. This function is only available if the phone, connected via Bluetooth® to the **Uconnect™** system, supports SMS message voice reading function.

fig. 24 F0Y1044

RADIO AM/FM/DAB VOICE COMMANDS

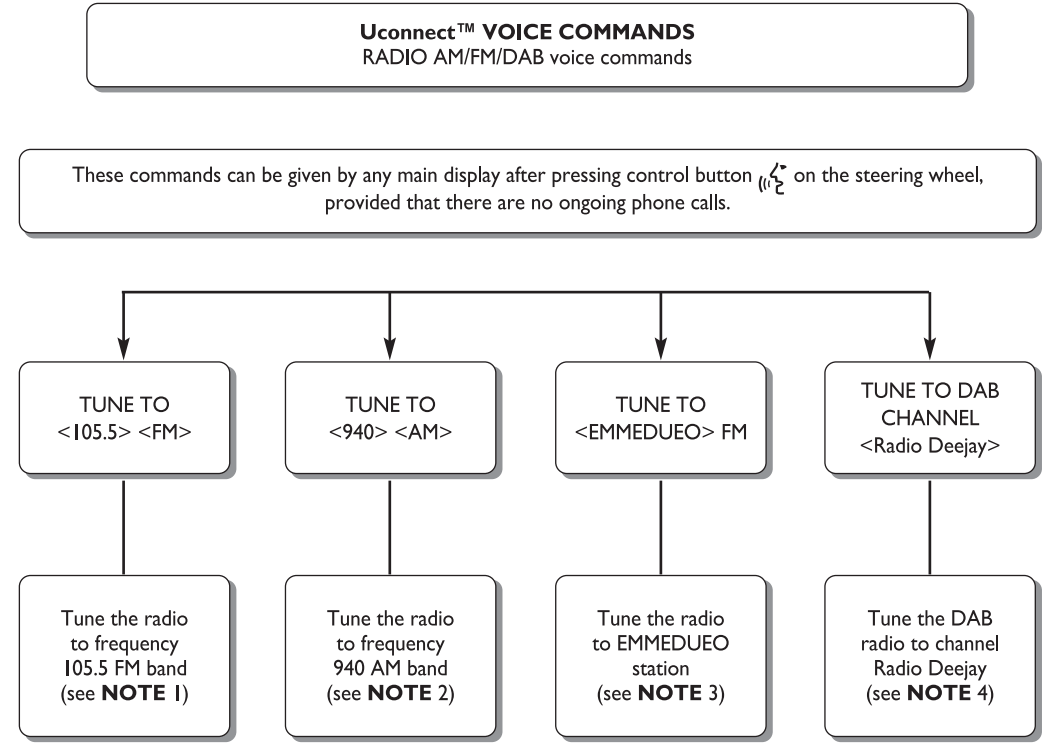


fig. 25 F0Y1045

NOTES

1. <105.5> can be replaced with any other available frequency of the FM band.
2. <940> can be replaced with any other available frequency of the AM band.
3. <EMMEDUEO> can be replaced with any other name of FM station received by the radio. Not all the radio stations provide this service.
4. <Radio Deejay> can be replaced with any other DAB channel name received by the DAB radio. Not all the DAB channels provide this service.

fig. 26 F0Y1050

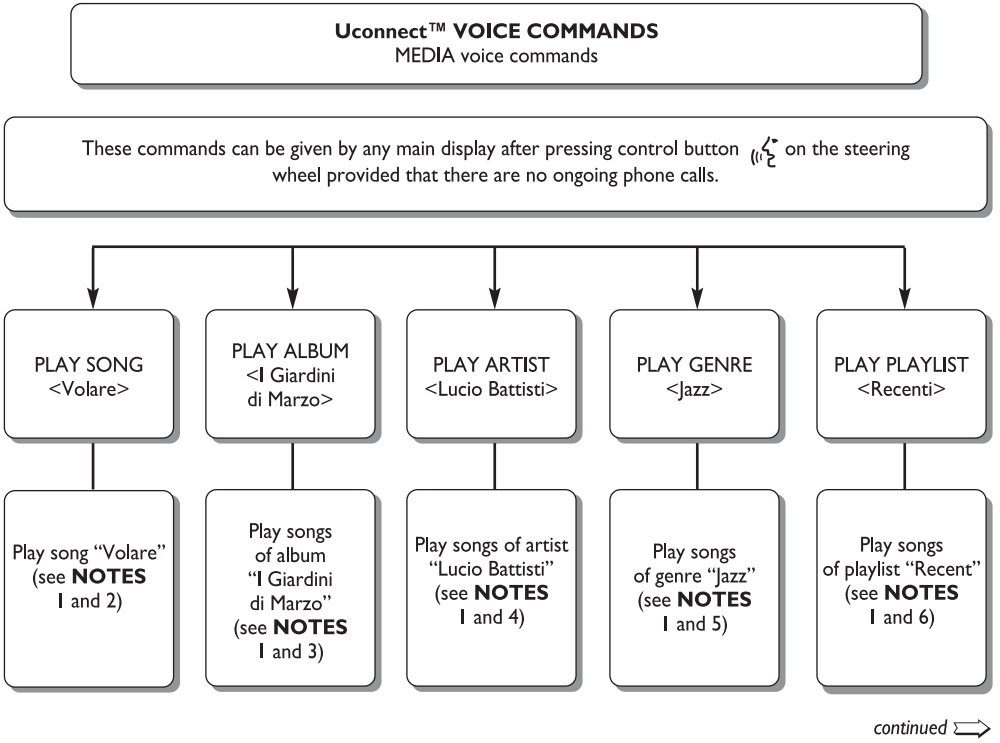


fig. 27 F0Y1047

follows

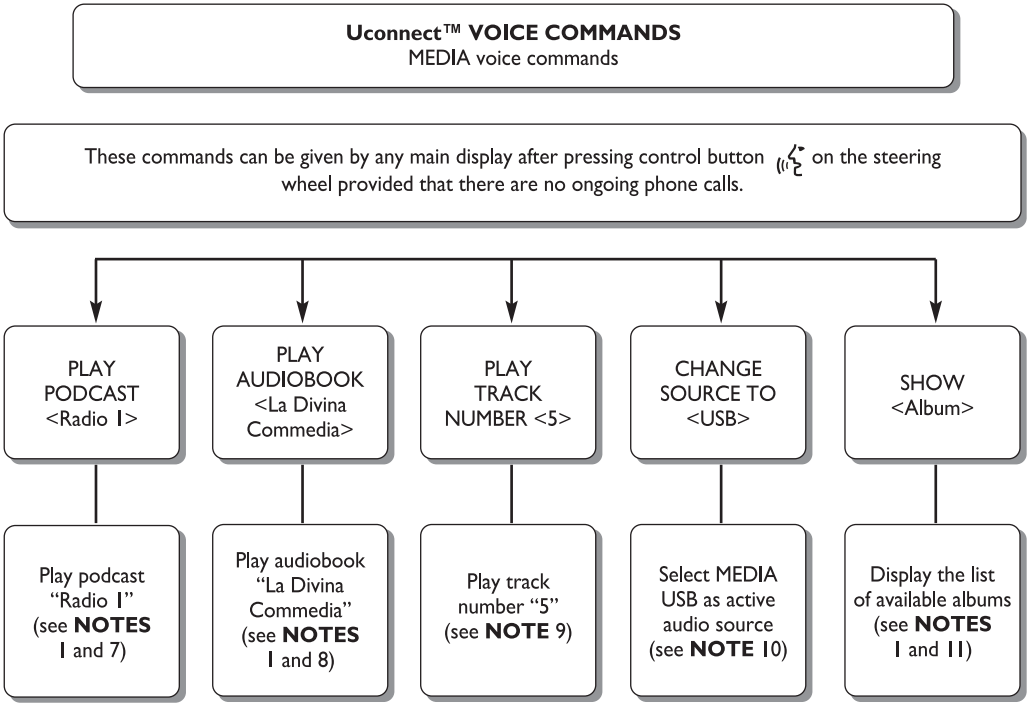


fig. 28 F0Y1048

NOTES

1. Multimedia files stored in MEDIA sources (USB memory stick, iPod via USB, MP3 CD) should have information about songs correctly set (song title, artist, album, genre, podcast, audiobook) otherwise they will not be available via voice commands.
2. <Volare> can be replaced with any other title of a song available in the MEDIA source (available on USB memory stick, iPod via USB, MP3 CD) inserted and active.
3. <I Giardini di Marzo> can be replaced with any other title of an album available in the MEDIA source (available on USB memory stick, iPod via USB, MP3 CD) inserted and active.
4. <Lucio Battisti> can be replaced with any other name of an artist available in the MEDIA source (available on USB memory stick, iPod via USB, MP3 CD) inserted and active.
5. <Jazz> can be replaced with any other genre available in the MEDIA source (available on USB memory stick, iPod via USB, MP3 CD) inserted and active.
6. <Recent> can be replaced with any other name of a playlist available in the MEDIA source (available on USB memory stick, iPod via USB, MP3 CD) inserted and active.
7. <Radio 1> can be replaced with any other name of a podcast available in the MEDIA source (available on iPod via USB) inserted and active.
8. <La Divina Commedia> can be replaced with any other title of an audiobook available in the MEDIA source (available on iPod via USB) inserted and active.
9. <5> can be replaced with any track number available in the MEDIA source (available on audio CD) inserted and active.
10. <USB> can be replaced with any other MEDIA source: "USB", "iPod", "CD", "AUX" and "Bluetooth".
11. <Album> can be replaced with any other category:
    - "Songs", "Artists", "Albums", "Genres", "Playlists" (available on USB memory stick, iPod via USB, MP3 CD)
    - "Folders" (available on USB memory stick, MP3 CD)
    - "podcasts", "audiobooks" (available on iPod via USB).

fig. 29 F0Y1049

CUSTOMER SERVICE NUMBER LIST

The following table shows the specific Customer Service numbers for each country.

Country	Universal Freephone Number	National Freephone Number	Toll number
Austria	00800.3428.0000		+39.02.444.12.041
Belgio	00800.3428.0000 (*)	0800.55111	+39.02.444.12.041
Danimarca	00800.3428.0000 (*)	80.60.88.00	+39.02.444.12.041
France	00800.3428.0000	0800.3428.00	+39.02.444.12.041
Germany	00800.3428.0000	0800.3428.000	+39.02.444.12.041
Grecia		800.11500.800 (*)	+30 210 99 88 542
Ireland	00800.3428.0000	1800.3428.00	+39.02.444.12.041
Italy	00800.3428.0000	800.3428.00	+39.02.444.12.041
Lussemburgo	00800.3428.0000 (*)	800.28111	
Marocco		0801000005	
Holland	00800.3428.0000		+39.02.444.12.041
Poland	00800.3428.0000		+39.02.444.12.041
Portugal	00800.3428.0000		+39.02.444.12.041
United Kingdom	00800.3428.0000		+39.02.444.12.041
Spain	00800.3428.0000	900.3428.00	+39.02.444.12.041
Sweden	00800.3428.0000 (*)	020100502	+39.02.444.12.041
Switzerland	00800.3428.0000		+39.02.444.12.041
Hungary		06.40.245.245 (paid service)	+36.1.465.3688

(*) This number is not available for some mobile system operators.

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Fully synthetic lubricant designed for latest generation, low emission, petrol engines. Its specific formulation warrants the utmost protection also for high performance turbocharged engines with high thermal stress.
Its low ash content helps to maintain the total cleanliness of modern catalysts.

SELENIA WR PURE ENERGY
Fully synthetic lubricant that can meet the requirements of the latest diesel engines. Low ash content to protect the particulate filter from the residual products of combustion.
High Fuel Economy System that allows considerable fuel saving.
It reduces the danger of dirtying the turbine to ensure the protection of increasingly high performance diesel engines.

SELENIA MULTIPOWER GAS PURE ENERGY
Fully-synthetic lubricant designed for petrol engines also turbocharged, powered with methane or LPG. Its exclusive formulation improves valve protection against wear, neutralises the acid compounds formed by combustion and keeps engine performance levels unchanged.

SELENIA K POWER
Fully synthetic lubricant developed for American design petrol engines, specially formulated to allows an excellent resistance to oxidation and high level fuel economy.
Excellent protection at high temperatures.

SELENIA DIGITEK PURE ENERGY
Fully synthetic lubricant for petrol engines. High fuel economy characteristics. Specific formulation for the TwinAir two-cylinder engines, Selenia Digitech Pure Energy allows maximum protection of the engine even under high mechanical stress caused by severe stop and go conditions of city traffic.

The range also includes Selenia K, Selenia 20K, Selenia Turbo Diesel, Selenia Sport, Selenia Sport Power, Selenia Racing.
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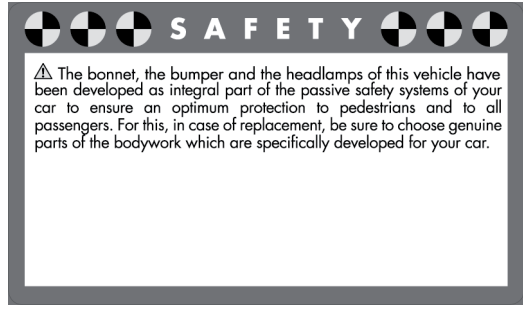
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Fiat Group Automobiles S.p.A. - Parts & Services - Technical Services - Service Engineering
Largo Senatore G. Agnelli, 3 - 10040 Volvera - Torino (Italia)
Print no. 603.99.405 - 10/2013 - 2 Edition


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