FIAT 500



OWNER HANDBOOK

Dear Customer,

Thank you for choosing Fiat and congratulations on your choice of a Fiat 500.

We prepared this booklet to enable you to know each detail of your Fiat 500 and use it correctly. Please, read it carefully before driving your car. You will find information, tips and important warnings regarding the driving of your car to help you derive the maximum from the technological features of your Fiat 500.

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


personal safety;


the car's wellbeing;


environmental protection.

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

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

❒ the range of additional services available to Fiat Customers.

Best regards and happy motoring!

This Owner Handbook describes all the versions of the Fiat 500. As a consequence, you should consider only the information which is related to the engine and bodywork version of the car you purchased.

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DASHBOARD

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

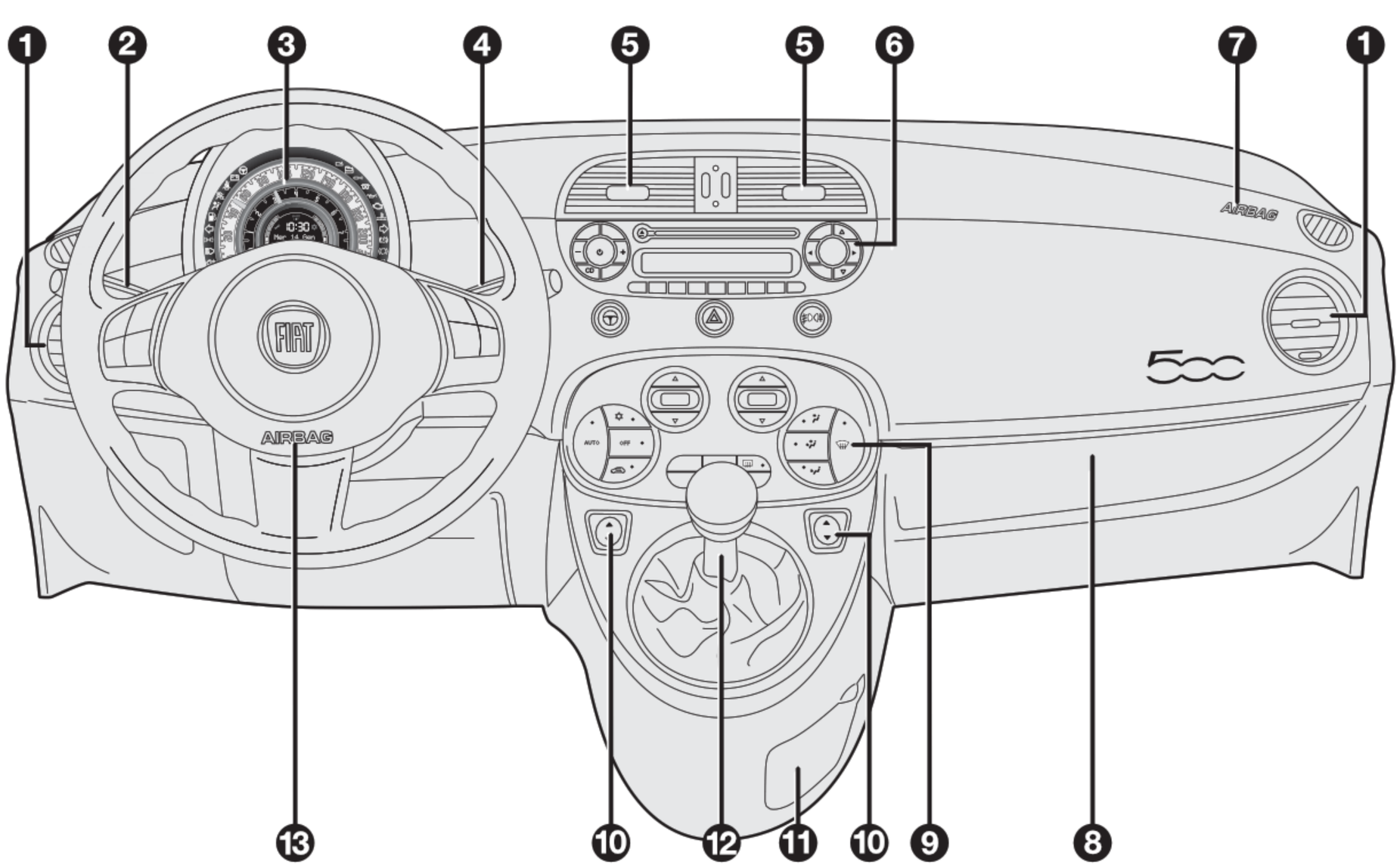


fig. I F0S0001m

1. Side vent – 2. Left stalk: external lights control – 3. Instrument panel and warning lights – 4. Right stalk: controls wiper, washer, trip computer – 5. Central air vents – 6. Oddment/Car radio compartment – 7. Passenger air bag – 8. Oddment compartment/hidden document tray – 9. Heating/ventilation/climate control – 10. Power windows control – 11 Oddment compartment - 12. Gear lever – 13. Driver air bag.

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SYMBOLS

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

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

THE FIAT CODE SYSTEM

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

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

If, during ignition, the code is not correctly recognized, the light lights up on the instrument panel.

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

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

Warning light coming on when driving

- ❒ If the warning light turns on, this means that the system is running a self-test (such as following a voltage drop).
- ❒ If the issue persists, contact the Fiat Dealership.



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

THE KEYS

CODE CARD (optional for version/markets where applicable) fig. 2

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

A the electronic code.

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

We recommend to have the electronic code **A** always available.

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

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

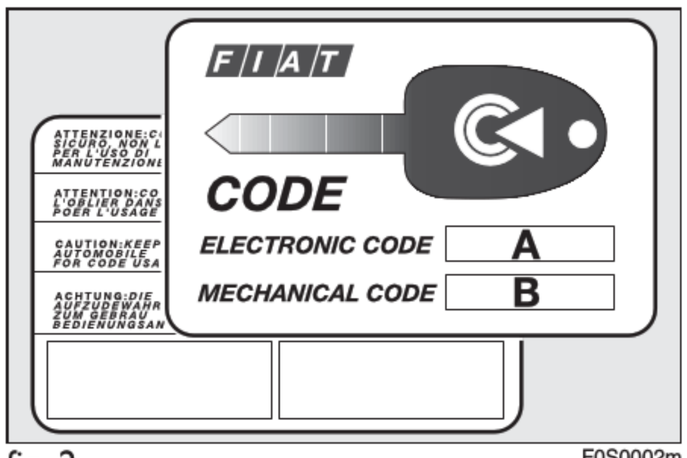


fig. 2 F0S0002m

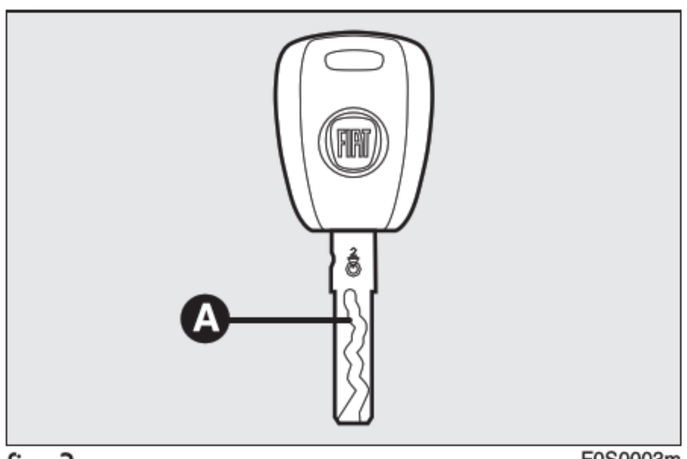


fig. 3 F0S0003m

KEY WITHOUT REMOTE CONTROL fig. 3

The metal insert **A** enables:

❒ the ignition switch;

❒ the door and tailgate (where provided);

❒ the fuel cap lock/release;

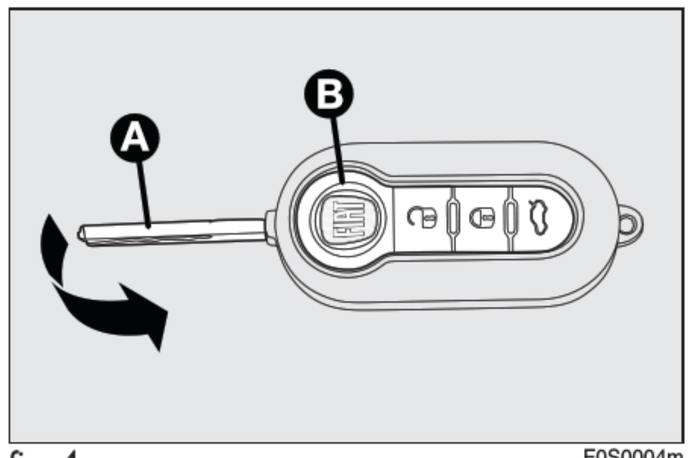


fig. 4 F0S0004m

KEY WITH REMOTE CONTROL (where provided) fig. 4

The metal insert **A** enables:

❒ the ignition switch;

❒ the doors;

❒ the fuel cap lock/release;

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

Door and tailgate lock release

Short pressure on button : door and tailgate lock release, timed turn on of ceiling lights and double flashing of direction indicators (for versions/markets where provided).

Door locks are automatically released in case of intervention of the fuel cut-off system.

Lock of doors and tailgate

Short pressure on button : remote lock of doors and of tailgate with switch off of ceiling lights and single flashing of direction indicators (where provided).

If one or more doors are open, the lock is not realized. This is signalled by a quick flashing of the direction indicators (where provided). Door lock is realized in the event of open boot.

With speed over 20 km/h, the doors are automatically locked, if this specific function was set (only with multi-function configurable display in the versions where it is provided).

Remote tailgate opening

Keep pressed the button for remote opening of tailgate.

Tailgate opening is indicated by double flashing of direction indicators.

REQUEST FOR ADDITIONAL REMOTE CONTROLS

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

REPLACING THE BATTERY OF THE KEY WITH REMOTE CONTROL fig. 5

Battery replacement:

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

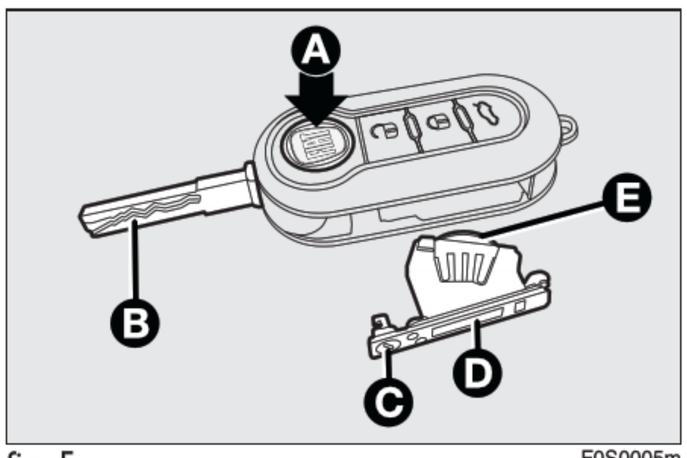


fig. 5 F0S0005m

Used batteries are harmful to the environment. They should be disposed of as specified by law in the special containers provided, or take them to the Fiat Dealership, which will deal with their disposal.

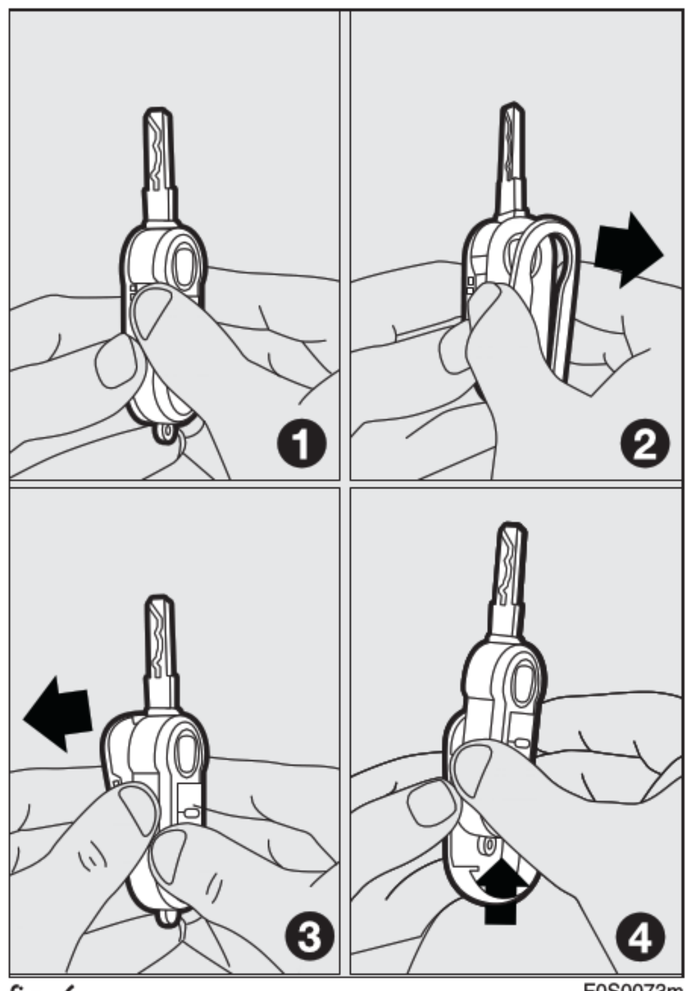


fig. 6 F0S0073m

REPLACEMENT OF REMOTE CONTROL COVER fig. 6

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

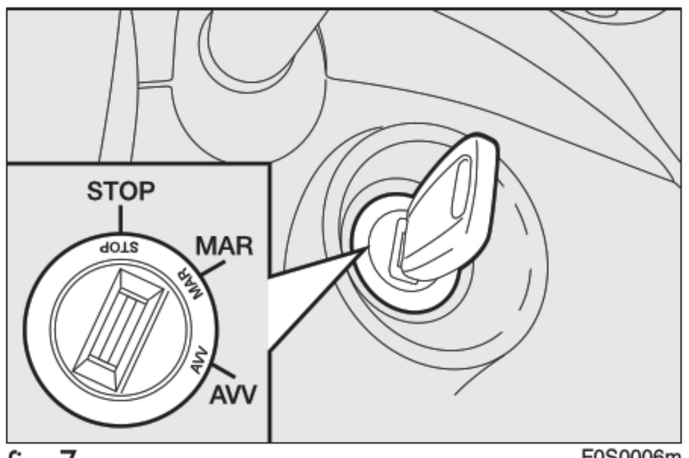


fig. 7 F0S0006m

IGNITION SWITCH fig. 7

The key can be turned to 3 different positions:

- **STOP**: engine off, key extractable, steering locked. Some electrical devices (e.g. car radio, central door locking system, etc.) are enabled
- **MAR**: driving position. All electrical devices are enabled
- **AVV**: engine start.

The ignition switch is fitted with a safety system that, if the engine does not start, forces to return the ignition key to **STOP** before repeating the starting operation.

STEERING COLUMN LOCK

Engaging

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

Disengaging

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

WARNING

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

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

INSTRUMENT PANEL AND ONBOARD INSTRUMENTS

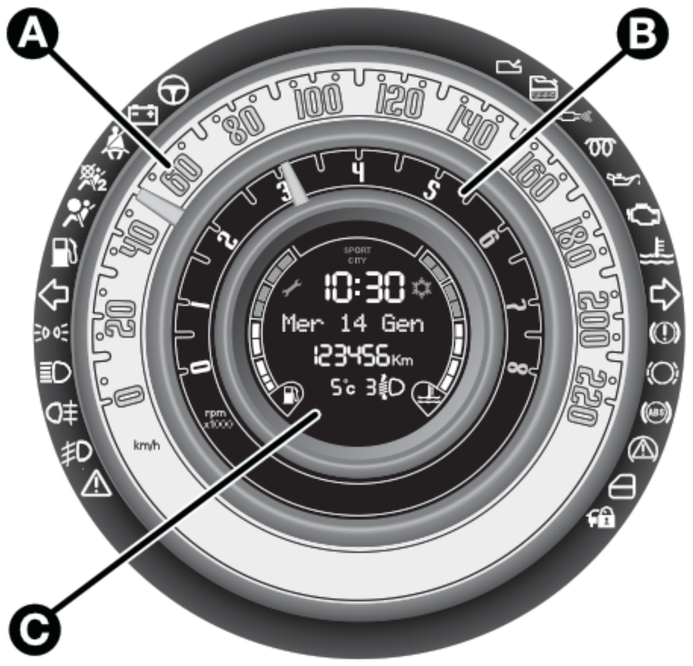


fig. 8

F0S0007m

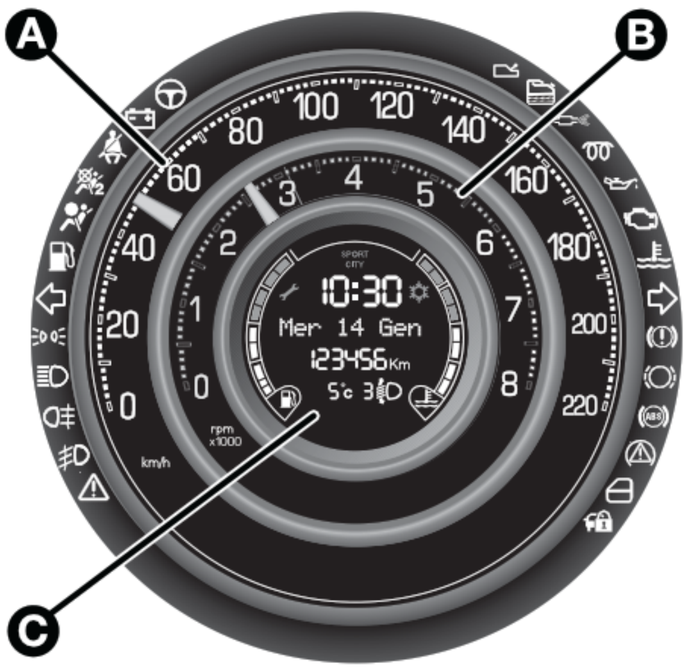


fig. 9 - Version Sport

F0S0150m

Versions with multifunctional display

A Speedometer (speed indicator)

B Rev counter

C Multifunctional display with digital fuel level indicator and digital indicator of engine coolant temperature.

Lights and are available only on Diesel versions.

The light is available only on versions with Dualogic gear (see "Dualogic") supplement.

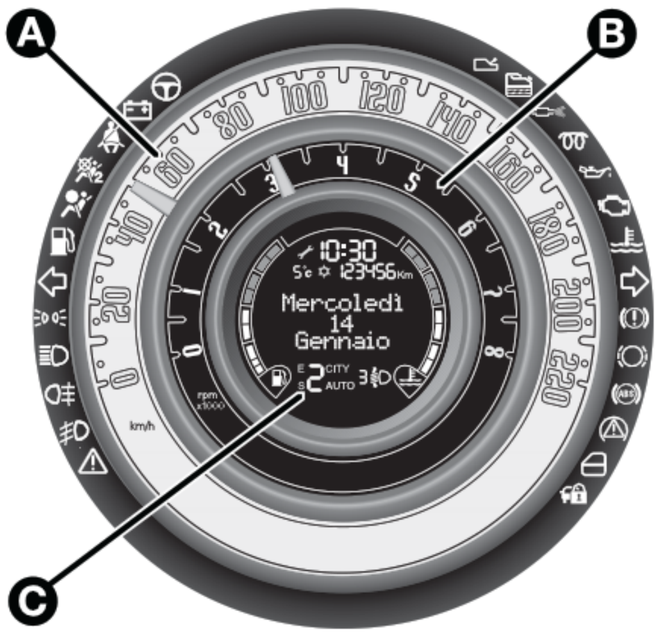


fig. 10

F0S0240m

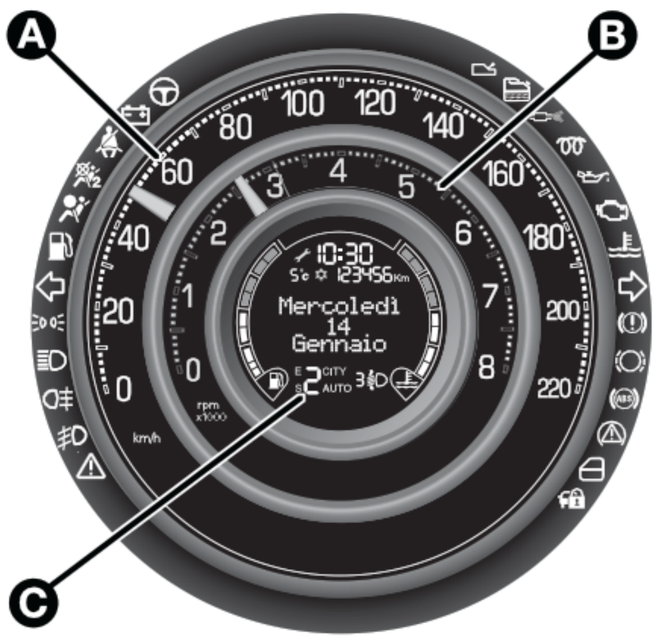


fig. 11 - Version Sport

F0S0241m

Versions with reconfigurable multifunctional display

A Speedometer (speed indicator)

B Rev counter

C Configurable multifunctional display with digital fuel level indicator and digital indicator of engine coolant temperature.

Lights and are available only on Diesel versions.

The light is available only on versions with Dualogic gear (see "Dualogic") supplement.

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

SPEEDOMETER (SPEED INDICATOR) fig. 12

The indicator **A** shows car speed (speedometer).

REV. COUNTER fig. 12

The indicator **B** shows the engine revs.

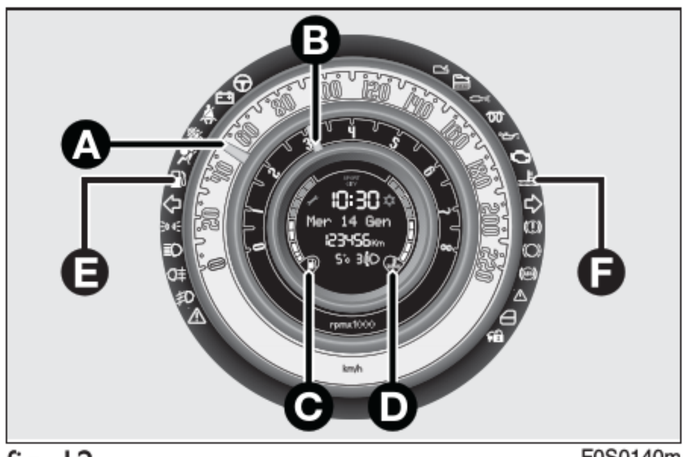


fig. 12 F0S0140m

DIGITAL FUEL LEVEL INDICATOR fig. 12

The digital indicator **C** shows the amount of fuel in the tank.

The reserve warning light **E** turns on to indicate that approximately 5 litres of fuel are left in the tank.

Do not travel with the tank nearly empty: lack of fuel supply could damage the catalyser.

ENGINE COOLANT TEMPERATURE GAUGE fig. 12

The digital indicator **D** shows the temperature of the engine coolant and begins to operate when the coolant temperature exceeds approx. 50°C.

The first segment is always on to show the correct operation of the system.

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

MULTIFUNCTIONAL DISPLAY AND RECONFIGURABLE MULTIFUNCTIONAL DISPLAY (where provided)

The car can be equipped with the multifunctional/multifunctional reconfigurable display that, according to the settings made, will show useful information necessary when driving.

"STANDARD" SCREEN OF MULTIFUNCTIONAL DISPLAY fig. 13

The standard screen shows the following information:

A Sport driving mode indication (where provided)

B Possible activation of Dualdrive electric power steering

C Scheduled servicing deadline

D Digital fuel level indicator

E External temperature indicator

F Beam adjustment position (with low beams on only)

G Digital engine coolant temperature indicator

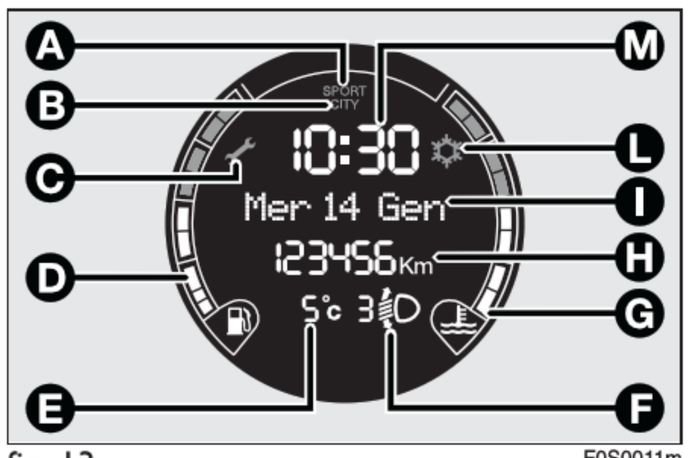


fig. 13 F0S0011m

H Odometer (distance travelled in kilometres/miles)

I Date

L Possible presence of ice on road

M Time

"STANDARD" SCREEN OF RECONFIGURABLE MULTIFUNCTIONAL DISPLAY fig. 14

The standard screen shows the following information:

A Scheduled servicing deadline

B External temperature indicator (where provided)

C Possible presence of ice on road

D Date

E Digital fuel level indicator

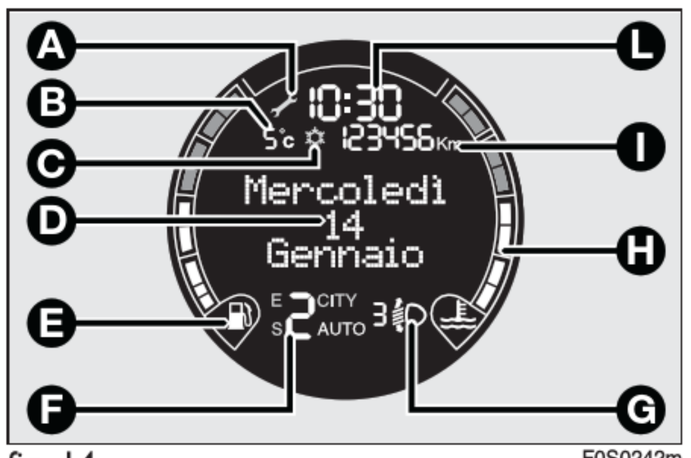


fig. 14 F0S0242m

F Indications about Dualogic gear (where provided)

G Beam adjustment position (with low beams on only)

H Digital indicator of engine coolant temperature

I Odometer (distance travelled in kilometres/miles)

L Time

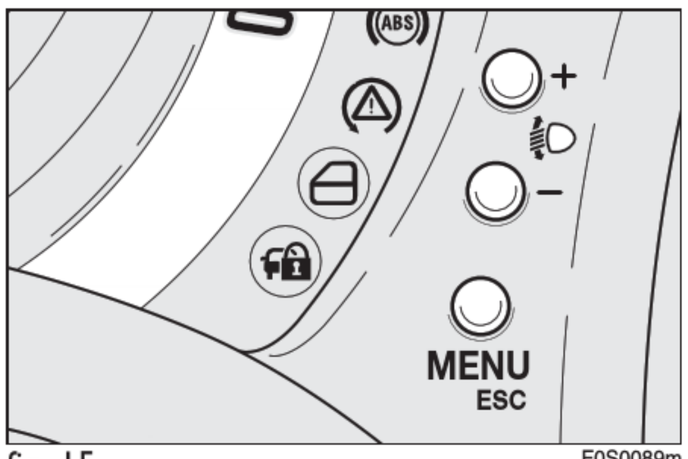


fig. 15 F0S0089m

CONTROL BUTTONS fig. 15

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

MENU ESC Press briefly to access the menu and/or go to next screen or to confirm the required menu option. Press longer to return to the standard screen

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

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

– to scroll the menu options upwards and downwards;

– to increase or decrease values during settings.

Note When opening one of the front doors, the display will turn on and show for a few seconds the clock and the km or mi covered (where provided).

SETUP MENU

The menu comprises a series of functions arranged in a cycle which can be selected through buttons **+** and **–** to access the different select operations and settings (set-up) given in the following paragraphs. A sub-menu is provided for some items (Clock and Unit setting). The setup menu can be activated by pressing briefly button **MENU ESC**. Single presses on buttons **+** or **–** will scroll the setup menu options. Handling modes differ with each other according to the characteristic of the option selected. The menu includes the following functions:

– DIMMER
– SPEED BEEP
– TRIP B DATA
– SET TIME
– SET DATE
– SEE RADIO
– AUTOCLOSE
– UNIT
– LANGUAGE
– BUZZER VOLUME
– BUTTON VOL.
– BELT BUZZER
– SERVICE
– PASSENGER BAG
– DAYLIGHTS
– EXIT MENU

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Selecting an option of the main menu without submenu:

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

– press buttons **+** or **–** (by single presses) to select the new setting;

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

Selecting an option of the main menu with submenu:

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

– press buttons **+** or **–** (by single presses) to scroll all the submenu options;

– press briefly button **MENU ESC** to select the displayed submenu option and to open the relevant setup menu;

– press buttons **+** or **–** (by single presses) to select the new setting for this submenu option;

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

MENÙ FUNCTIONS

Dimmer (Control of lighting inside the car)

This function is available:

– with multifunctional display with lights on and in night conditions, for the adjustment of the brightness of the instrument panel, of the car radio display and of the automatic climate control system display (for night conditions);

– with reconfigurable multifunctional display: the function is always available and adjusts, in daylight condition, the brightness of the instrument panel; in night condition, the brightness of the instrument panel, of the car radio display and of the automatic climate control system display (for night conditions).

With lights on, in daylight conditions, the instrument panel display is on (with maximum brightness for the multifunctional display, at the selected value in daylight mode for reconfigurable multifunctional display), the keys and the display of the car radio and of the automatic climate control system are on.

With lights, in night conditions, the instrument panel display, the keys and the display of the car radio and of the automatic climate control system are on with the selected brightness.

To adjust the brightness, proceed as follows:

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

– press button **+** or **–** to set the required brightness level;

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

Speed beep (Speed limit)

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

To set the speed limit, proceed as follows:

– briefly press button **MENU ESC**, the display will show the message (Speed Buzz);

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

– when the function is activated (On) pressing buttons **+** or **–** select the speed limit and press **MENU ESC** to confirm selection.

Note Selection is possible between 30 and 200 km/h, or 20 and 125 mph depending on the selected unit, see paragraph "Unit of measure". The setting will increase/decrease by five units each time button **+/–** is pressed. Hold button **+/–** pressed to increase/decrease the setting rapidly. Complete the setting by briefly pressing the button when you approach the required setting.

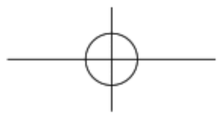
– briefly press button **MENU ESC** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

To cancel the setting, proceed as follows:

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

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

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



Trip B data (Trip B on)

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

For further information see "Trip computer".

For activation / deactivation, proceed as follows:

– briefly press button **MENU ESC**: (On) or (Off) will flash on the display (according to previous setting);

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

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

Set time (Clock)

This function enables to set the clock through two sub-menus: "Time" and "Mode".

Proceed as follows:

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

– press button **+** or **–** to navigate the two sub-menus;

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

– when accessing the "Time" submenu: briefly press button **MENU ESC**, "hours" will flash on the display;

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

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

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

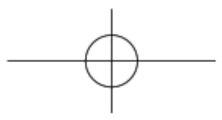
Note The setting will increase or decrease by one unit each time **+** or **–** is pressed. Hold the button pressed to increase/decrease the setting rapidly. Complete the setting by briefly pressing the button when you approach the required setting.

– when accessing the "Format" submenu: briefly press button **MENU ESC**: the previously set display format will flash on the display;

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

When you have made the required settings, briefly press button **MENU ESC** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

– hold **MENU ESC** pressed to go back to the standard screen or main menu according to the points of the menu where you are at.



Set date (Set Date)

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

To correct the date proceed as follows:

– briefly press button **MENU ESC**: "year" will flash on the display;

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

– briefly press button **MENU ESC**: "month" will flash on the display;

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

– briefly press button **MENU ESC**: "day" will flash on the display;

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

Note The setting will increase or decrease by one unit each time **+** or **–** is pressed. Hold the button pressed to increase/decrease the setting rapidly. Complete the setting by briefly pressing the button when you approach the required setting.

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

See radio (Repeat audio information)

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

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

– CD audio, CD MP3: track number;

To activate (On) or to deactivate (Off) sound system info displaying proceed as follows:

– briefly press button **MENU ESC**: (On) or (Off) will flash on the display (according to previous setting);

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

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

Autoclose (Automatic door lock operation with car running) (where provided)

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

Proceed as follows to switch this function on or off:

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

– briefly press button **MENU ESC**: (On) or (Off) will flash on the display (according to previous setting);

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

– briefly press button **MENU ESC** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings;

– hold **MENU ESC** pressed to go back to the standard screen or main menu according to the points of the menu where you are at.

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Units (Set units)

This function may be used to set the measurement unit in three submenus: “Distances”, “Consumption” and “Temperature”.

To set the required unit proceed as follows:

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

– press button **+** or **–** to navigate the three sub-menus;

– select the required sub-menu and then press briefly button **MENU ESC**;

– when accessing the “Distance” submenu: briefly press **MENU ESC**: either “km” or “mi” will appear on the display (according to the previous setting);

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

– when accessing the “Consumption” submenu: briefly press **MENU ESC**: either “km/l ”, “l/100km” or “mpg” will appear on the display (according to the previous setting);

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

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

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

– when accessing the “Temperature” submenu: briefly press **MENU ESC**: either “°C” or “°F” will appear on the display according to the previous setting;

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

When you have made the required settings, briefly press button **MENU ESC** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

– hold **MENU ESC** pressed to go back to the standard screen or main menu according to the points of the menu where you are at.

Language (Selecting the language)

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

To set the required language proceed as follows:

– briefly press button **MENU ESC**: the previously set “language” will flash on the display;

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

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

Buzzer volume (Adjusting the failure/warning buzzer volume)

With this function the volume of the buzzer accompanying any failure/warning indication can be adjusted according to 8 levels.

To adjust the volume proceed as follows:

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

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

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

Button volume (Button volume adjustment)

This function may be used to adjust the volume of the beep accompanying the activation of buttons **MENU ESC**, **+** and **–** can be adjusted according to 8 levels.

To adjust the volume proceed as follows:

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

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

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

Belt buzzer (Buzzer activation for S.B.R. indication)

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

Service (Scheduled servicing)

Through this function it is possible to display information connected to proper car servicing.

Proceed as follows:

– briefly press button **MENU ESC**: service in km or mi, according to previous setting, will be displayed (see paragraph "Units");

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

Note The "Service Schedule" requires the car to be serviced every 30,000 km (or 18,000 mi); this indication will appear automatically with the key on **MAR** when there are 2,000 km left (or equivalent distance in miles) and will be presented automatically every 200 km (or equivalent distance in miles). The indications will appear more frequently where there are 200 km left. The indication will appear in kilometres or miles according to the settings. When the next scheduled service operation is approaching, the message "Service" will appear on the display followed by the number of kilometres or miles left when the key is turned to **MAR**. Go to the Fiat Dealership where the "Scheduled Service" operations will be performed and the message will be reset.

Passenger bag
Front passenger's airbag and side bag activation/deactivation (where provided)

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

Proceed as follows:

– press button **MENU ESC** and, after displaying the message (Bag pass: Off) (to disable) or (Bag pass: On) (to enable) pressing buttons **+** and **–**, press again button **MENU ESC**;

- the confirmation request message will be displayed;

- press buttons **+** or **–** to select (Yes) (confirming activation/deactivation) or (No) (to abort);

- briefly press **MENU ESC** to confirm setting and go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

Daylights (D.R.L.)

This function enables to activate/deactivate the daylight light.

Proceed as follows to switch this function on or off:

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

– briefly press button **MENU ESC**: (On) or (Off) will flash on the display (according to previous setting);

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

– briefly press button **MENU ESC** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings;

– hold **MENU ESC** pressed to go back to the standard screen or main menu according to the points of the menu where you are at.

Exit Menu

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

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

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

TRIP COMPUTER

General features

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

Both functions are resettable (reset - start of new mission).

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

– Range

– Trip distance

– Average consumption

– Instant consumption

– Average speed

– Travel time (driving time).

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

– Trip distance B

– Average consumption B

– Average speed B

– Travel time B (driving time).

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

Values displayed

Range

This indicates the distance which may be travelled with the fuel in the tank assuming that driving conditions will not change. The message "----" will appear on the display in the following cases:

– value lower than 50 km (or 30 mi)

– the car is parked with the engine running for a long time.

IMPORTANT The range depends on several factors: driving style (see "Driving style" in "Starting and driving"), type of route (motorway, urban cycle, mountain roads, etc…), conditions of use of the car (load, tyre pressure, etc…). Trip planning must take into account the above notes.

Distance travelled

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

Average consumption

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

Instant consumption

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

Average speed

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

Travel time

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

TRIP button fig. 16

Button **TRIP**, set on the right steering column stalk, shall be used (with ignition key on **MAR**) to display and to reset the previously described values to start a new mission:

– short push to display the different values;

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

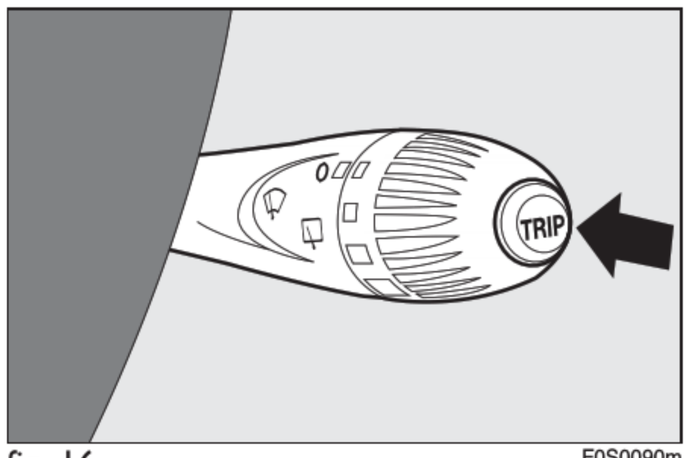


fig. 16 F0S0090m

New mission

Reset can be:

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

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

– after disconnecting/reconnecting the battery.

IMPORTANT The reset operation in the presence of the screens concerning the "Trip A" makes it possible to reset only the information associated with this function.

IMPORTANT The reset operation in the presence of the screens concerning the "Trip B" makes it possible to reset only the information associated with this function.

Start of trip procedure

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

Exit Trip

The **TRIP** function is over when all the values have been displayed or holding the button **MENU ESC** pressed for longer than 1 second.

SEATS

FRONT SEATS

WARNING

All adjustments must be made with the car stationary.

Fore/aft adjustment fig. 17

Lift lever **A** and push the seat forwards and backwards: your arms should rest on the steering wheel rim while you are driving.

WARNING

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

Back rest angle adjustment fig. 18

Turn knob **B**.

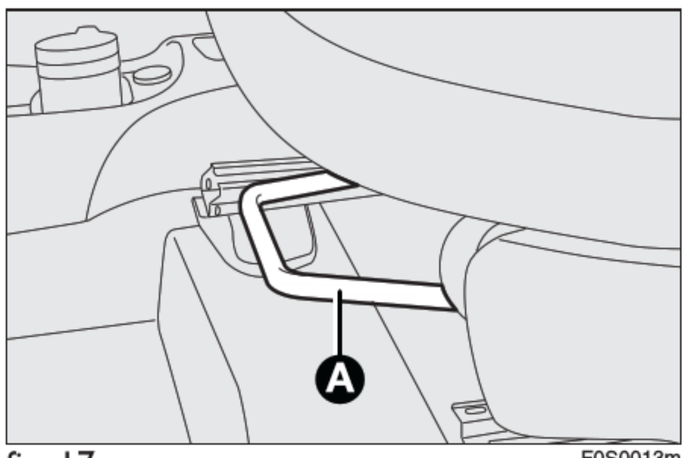


fig. 17 F0S0013m

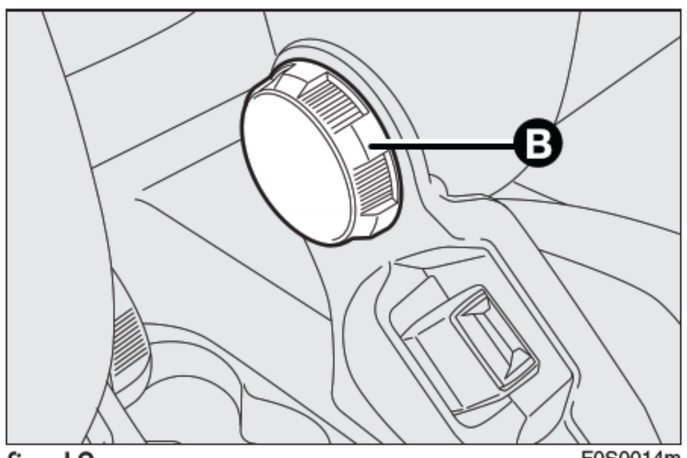


fig. 18 F0S0014m

Seat height adjustment (where provided) fig. 19

Operating lever **C** it is possible to lift or lower the rear area of the cushion to achieve the most comfortable driving position.

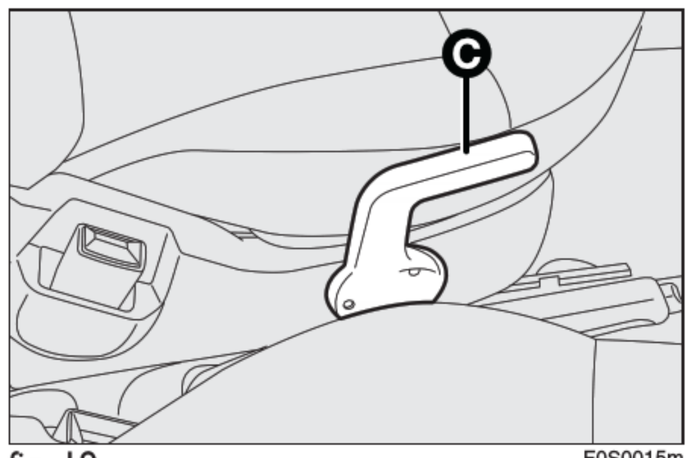


fig. 19 F0S0015m

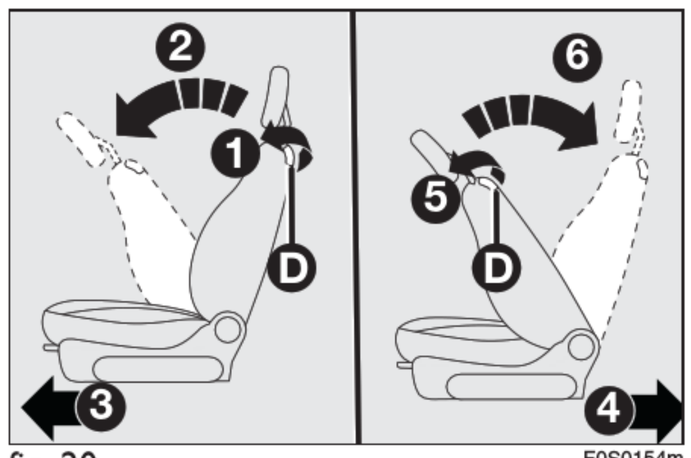


fig. 20 F0S0154m

Backrest tilting fig. 20

To tilt the backrest, operate the lever **D** (movement ❶) and push the backrest forward until it locks (movement ❷); release the lever **D** and, pushing the backrest, slide the seat forward (movement ❸).

Driver side and passenger side where position memory is provided

To return the seat to its initial position, slide the seat backward pushing the backrest until the seat locks (movement ❹) operate the lever **D** (movement ❺) and lift the backrest (movement ❻) until you hear it snapping in position.

WARNING Using the lever **D** before locking the seat in the initial position causes the loss of the seat initial position. In that case, it is necessary to adjust the seat position by means of the longitudinal adjustment **fig. 17**.

Passenger side where position memory is not provided

To return the seat to its initial position, slide the seat backward pushing the backrest to the desired position (movement ❹); operate the lever **D** (movement ❺) and lift the backrest (movement ❻) until you hear it snapping in position.

WARNING

All adjustments must be made with the car stationary.

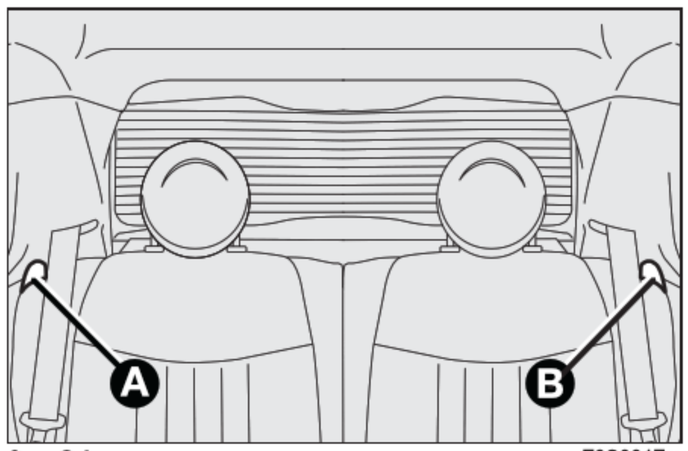


fig. 21 F0S0017m

REAR SEATS fig. 21

Backrest release

❒ For versions with joint seat, lift handles **A** and **B** and guide the backrest onto the cushion.

❒ For versions with separate seats, lift handle **A** or **B** to release respectively the left or right part of the backrest and guide the backrest onto the cushion.

HEAD RESTRAINTS

FRONT fig. 22

Head restraints height can be adjusted as follows.

❒ upward adjustment: raise the head restraint until you hear it click.

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

WARNING

Perform these operations only when the car is stationary and the engine is not running.

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

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

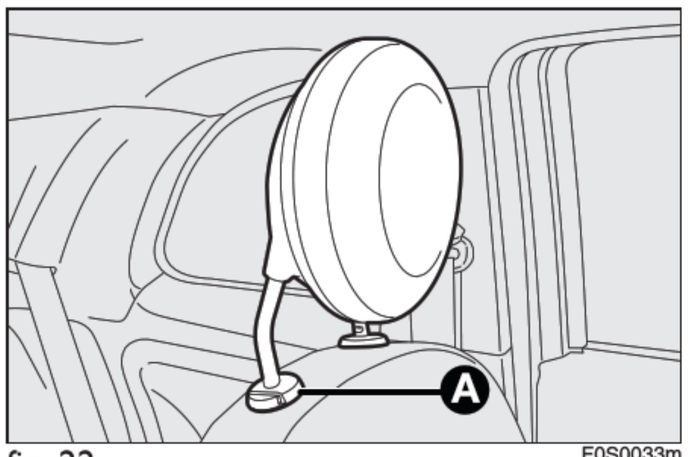


fig. 22 F0S0033m

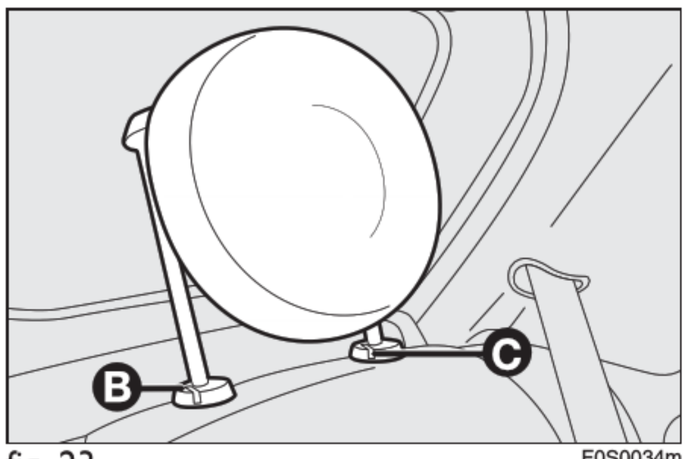


fig. 23 F0S0034m

REAR (where provided) fig. 23

To lift out rear head restraints: press at the same time buttons **B** e **C** set on both sides and take them out. Rear head restraints must be lifted out with backrest released and tilted toward the passenger compartment or with the tailgate open. To bring the head restraint in correct position, lift it until you hear it click.

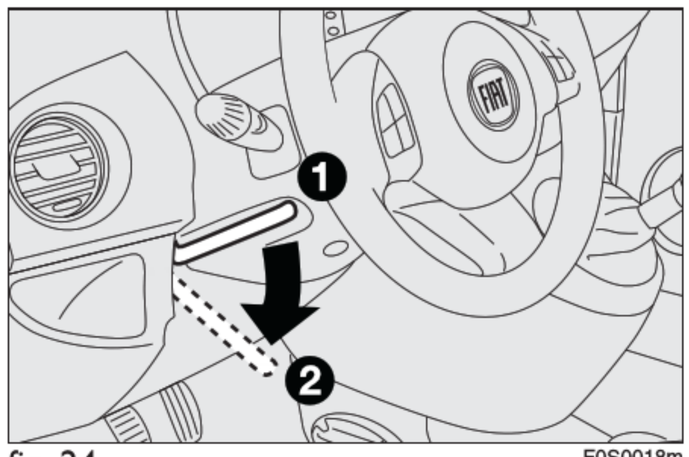


fig. 24 F0S0018m

To lower the head restraint, press button **B**. The specific shape of the head restraint interferes with the correct rest of the back of the rear passenger on the backrest; the shape is useful to force the passenger to lift the headrest for its correct use.

IMPORTANT Rear seat passengers shall always set the head restraints in "fully drawn out" position.

STEERING WHEEL

It can be adjusted vertically (where provided).

For adjustment. bring the lever **A-fig. 24** downward to position **2** then position the wheel and lock it bringing lever **A** to position **1**.

WARNING

Perform these operations only when the car is stationary and the engine is not running.

REARVIEW MIRRORS

DRIVING MIRROR fig. 25

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

It can be moved using the lever **A** to two different positions: normal or antiglare.

ELECTROCHROMIC DRIVING MIRROR (where provided)

Some versions provide an electrochromic mirror with automatic antiglare function. An **ON/OFF** button in the lower area of the mirror enables/disables the electrochromic function. When the function is active, a led on the mirror is active. Engaging reverse gear, the mirror is automatically set for daylight use.

DOOR MIRRORS

With manual adjustment

The door mirror can be adjusted from outside operating a slight pressure on the four sides of the glass.

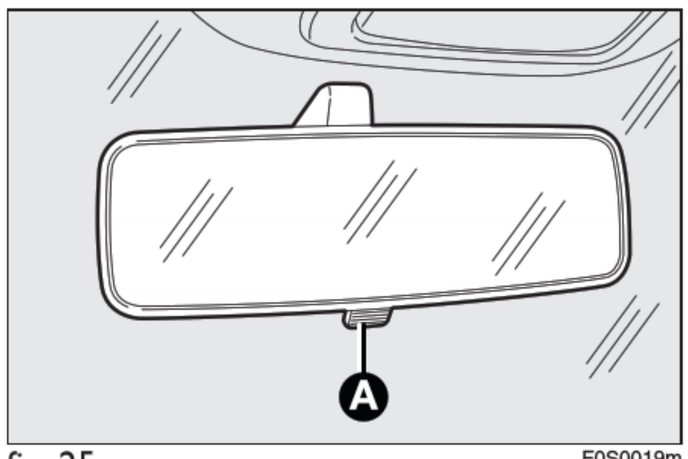


fig. 25 F0S0019m

With electrical adjustment fig. 26

Proceed as follows:

❒ select the mirror with selector **B**;

❒ adjust the mirror using the joystick **A** in the four directions.

Folding back door mirrors fig. 27

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

WARNING

When driving, the mirrors shall always be in position 1.

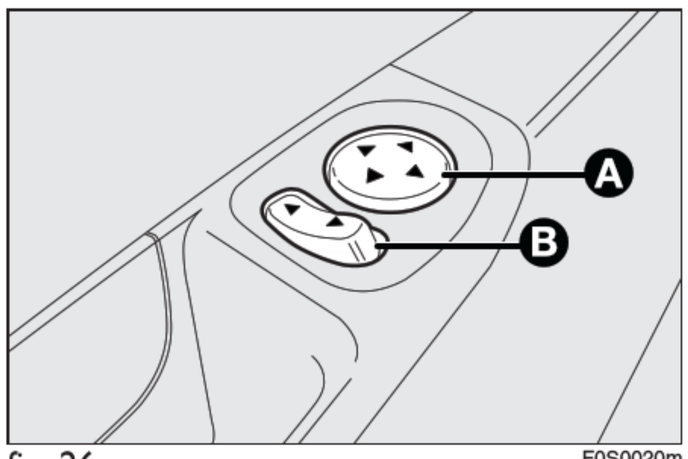


fig. 26 F0S0020m

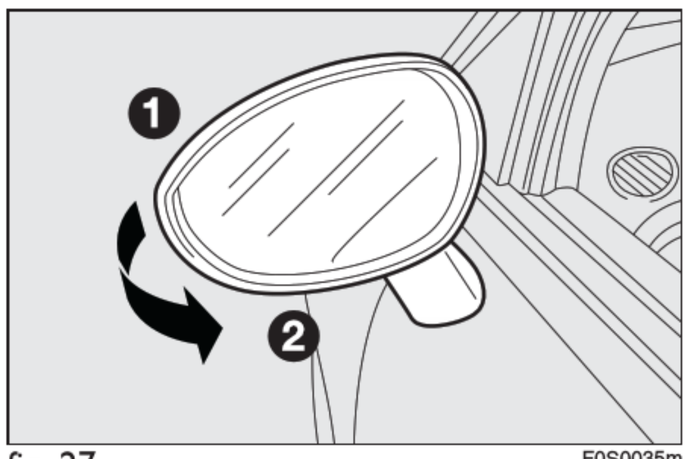


fig. 27 F0S0035m

WARNING

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

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CLIMATE COMFORT

VENTS fig. 28

1. Vents for demisting/defrosting the windscreen
2. Orientable, adjustable central vents
3. Orientable, adjustable side vents
4. Fixed vents for side windows.
5. Lower vents

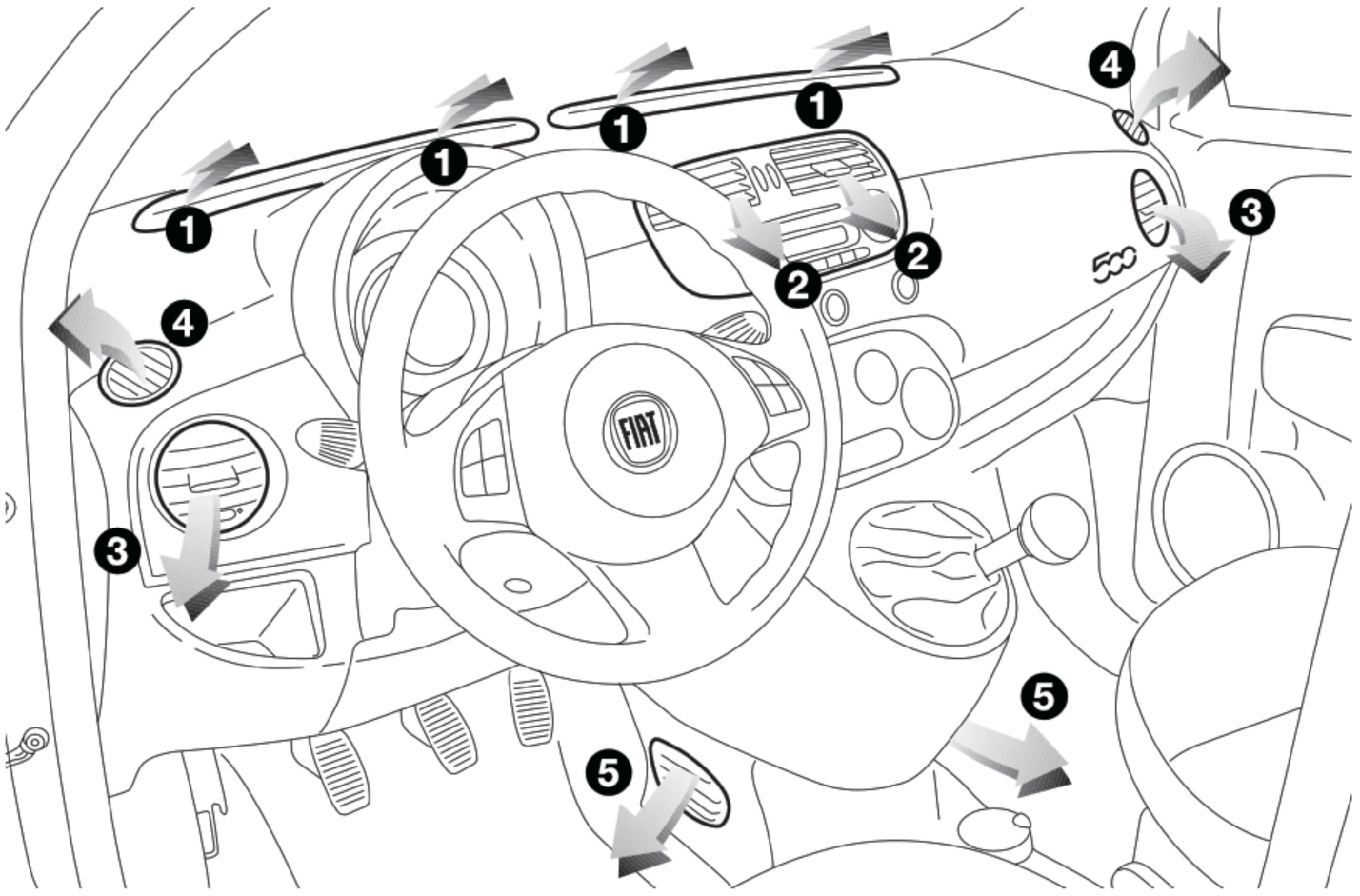


fig. 28 F0S0021m

HEATING AND VENTILATION

CONTROLS fig. 29

A Air temperature knob (red-hot / blue-cold)

B Fan speed knob

C Air recycle knob

– internal air recycle

– air intake from outside

IMPORTANT It is advisable to activate air recycle in queues or in tunnels to prevent the introduction of polluted air. Do not use the function for a long time, particularly if there are many occupants on board, to prevent the windows from misting up.

D Air distribution knob

- toward the body and the side windows
- toward the body, the side windows and the feet
- toward the feet only
- toward the feet and the windshield
- toward the windscreen only.

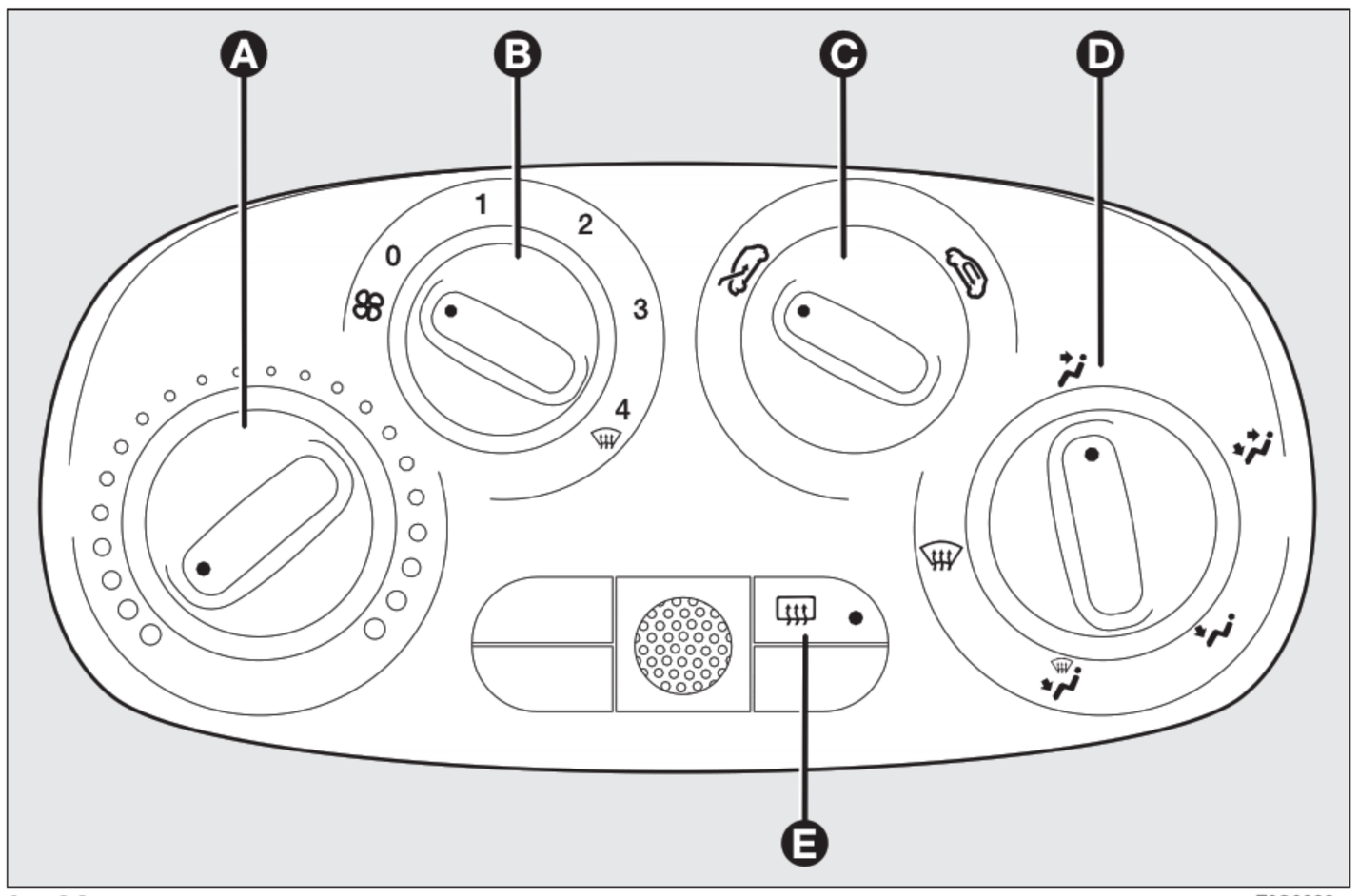


fig. 29 F0S0022m

E Button to activate/deactivate the heated rear window.
When the function is active, a led on the button is on.
In order to maintain battery efficiency, the function is automatically deactivated after about 20 minutes.

Fast front window demisting/defrosting

Proceed as follows:

❒ rotate knob **A** to red section;
❒ rotate knob **C** to ;
❒ rotate knob **D** to ;
❒ rotate knob **B** to 4 (max. fan speed).

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MANUAL CLIMATE CONTROL SYSTEM (where provided)

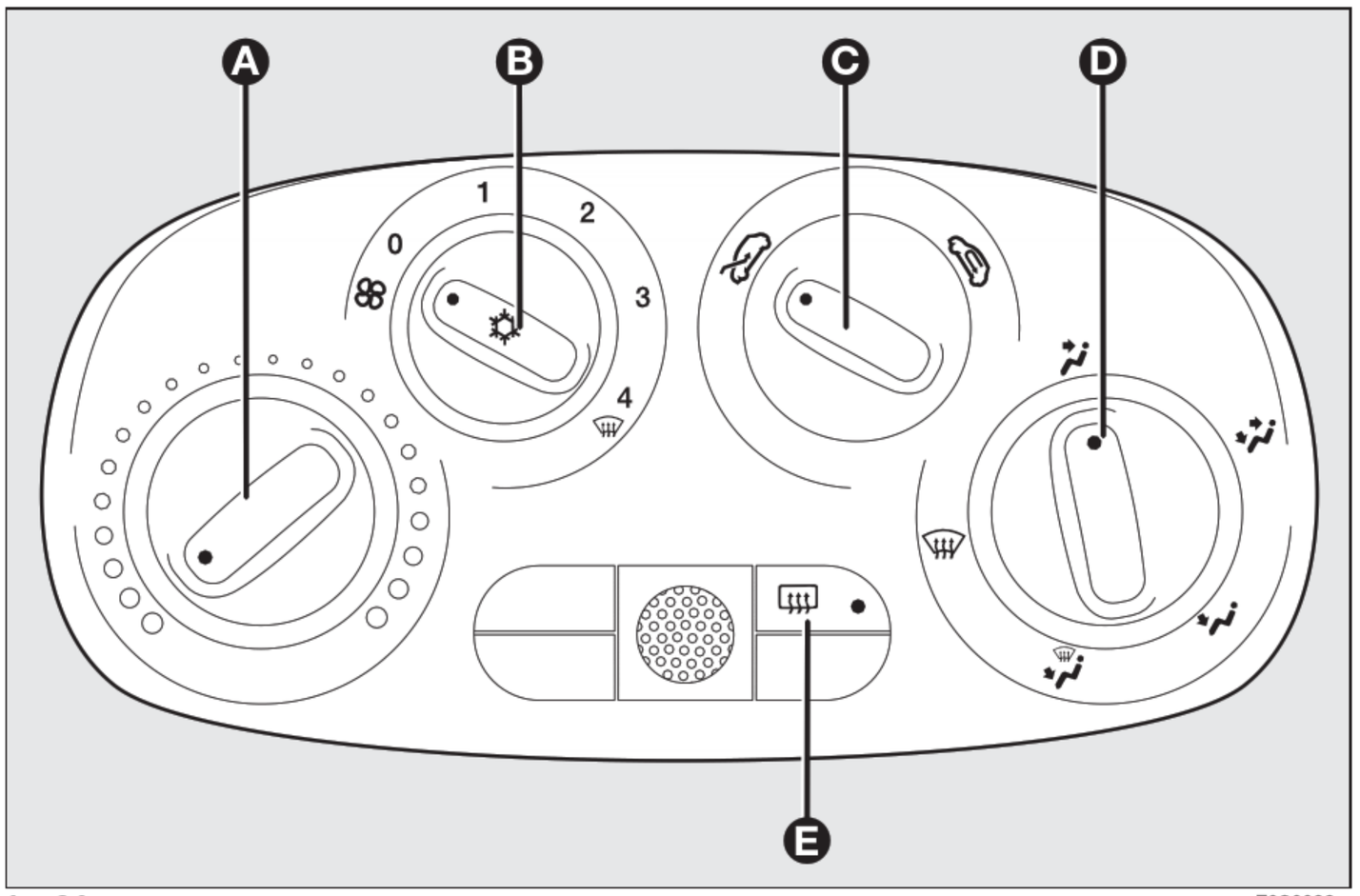


fig. 30 F0S0023m

CONTROLS fig. 30

A Air temperature knob (red-hot / blue-cold)

B Fan speed knob and climate control system activation/deactivation. Press the knob to activate the climate control system; the led on the knob is active. This enables passenger compartment quick cooling.

C Air recycle knob

– internal air recycle

– air intake from outside

IMPORTANT It is advisable to activate air recycle in queues or in tunnels to prevent the introduction of polluted air. Do not use the function for a long time, particularly if there are many occupants on board, to prevent the windows from misting up.

D Air distribution knob

toward the body and the side windows

toward the body, the side windows and the feet

toward the feet only

toward the feet and the windshield

toward the windscreen only.

E Button to activate/deactivate the heated rear window.
When the function is active, a led on the button is on.
In order to maintain battery efficiency, the function is automatically deactivated after about 20 minutes.

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Fast front window and front side windows demisting/defrosting (MAX-DEF)

Proceed as follows:

❒ rotate knob **A** to red section;

❒ rotate knob **C** to ;

❒ rotate knob **D** to ;

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

IMPORTANT the climate control system is very useful to accelerate demisting, because it dehumidifies the air. Adjust the controls as described above and press knob **E** to switch the climate control system on: the LED on the knob will light up.

LOOKING AFTER THE SYSTEM

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

AUTOMATIC CLIMATE CONTROL SYSTEM (where provided)

According to the temperature set by the user, the automatic climate control system automatically adjusts:

- ❒ the temperature of the air sent to the passenger compartment;
- ❒ fan speed (continuous air flow variation);
- ❒ the distribution of air inside the passenger compartment;
- ❒ compressor activation/deactivation (to cool/dehumidify air);
- ❒ air recycle activation/deactivation;

All functions can be manually changed. In other words, you may operate the system selecting one or more functions. The manual setting of a function does not impair the automatic control of the other functions even if the led of the knob **AUTO** is off.

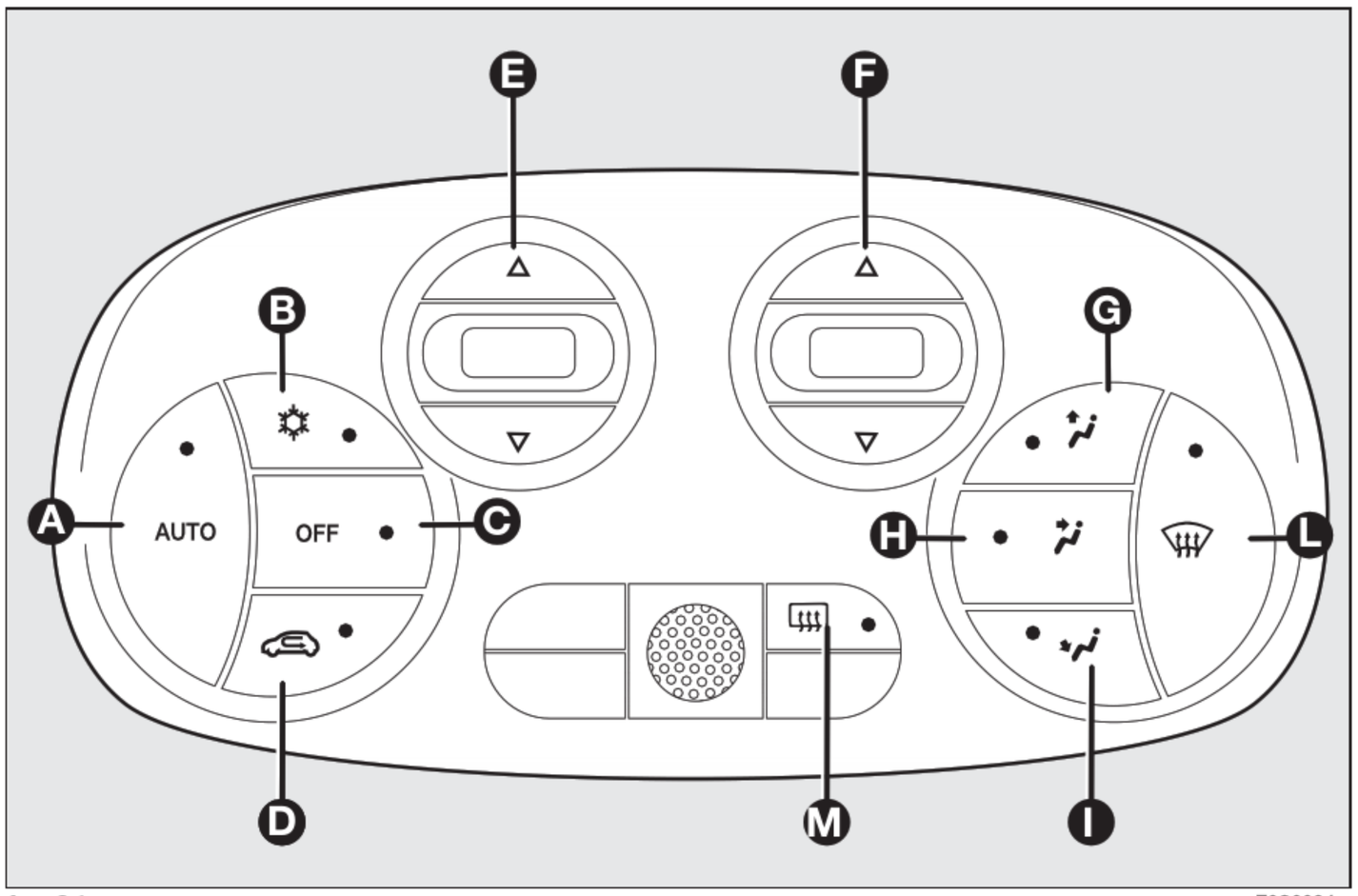


fig. 31 F0S0024m

CONTROLS fig. 31

Button AUTO - A
Activation of the automatic function of the climate control system

Pressing the button **AUTO** and setting the temperature, the system adjusts the temperature, the quantity and distribution of the air into the passenger compartment and controls the activation of the compressor.

Button ☼ - B
Climate control compressor on/off

Pressing the button, with led on, the compressor and the led switch off.

When the compressor is off:

- ❒ the system deactivates air recycle to avoid window misting;

- it is not possible to supply into the passenger compartment air with a temperature lower than external air temperature (the temperature indicated on the display blinks when the system does not ensure the achievement of the required comfort conditions);
- it is possible to manually reset the fan speed (with compressor enabled, ventilation cannot go below a bar shown on the display).

Button OFF - C
System switch off

Pressing the button **OFF** the system is switched off.

The following climate control conditions will be established when the system is off:

- all LEDs off;
- set temperature display off;
- air recycle off;
- compressor off;
- fan off.

In this condition, it is possible to enable or disable air recycle without system activation.

Button - D
Air recycle on/off button

It is advisable to activate air recycle in queues or in tunnels to prevent the introduction of polluted air.

Led on button ON = recycle ON.

Led on button OFF = recycle OFF.

For low temperatures or if the compressor is off, the recycle is forced to off to avoid misting.

IMPORTANT It is advisable not to use the air recycle function when the outside temperature is low, to prevent the windows from rapidly misting up.

Buttons Δ ∇ - E
Temperature setting

Pressing the button Δ the temperature in the passenger compartment rises until the value HI is reached (maximum heating).

Pressing the button ∇ the temperature in the passenger compartment decreases until the value LO is reached (maximum cooling).

IMPORTANT Specifically, if the heating fluid is not sufficiently warm, the fan will not start up at the maximum speed immediately to limit introducing excessively cool air into the passenger compartment.

Buttons Δ ∇ - F
Fan speed setting

Pressing the buttons Δ or ∇ respectively, the fan speed displayed on the display bars increases or decreases.

The fan can be cut off only if the compressor has been switched off (button **B**).

To restore automatic fan speed control, press button **AUTO**.

Buttons - G H I
Manual selection of air distribution

Pressing the buttons, it is possible to set one of 5 different air flow options:

- to the windscreen and front side window vents to demist or defrost them.
- to central and side dashboard vents to ventilate the chest and the face during the hot season.

to the vents in the feet area (front seats). The natural tendency of hot air to spread upwards, allows to warm the passenger compartment up as quickly as possible, providing an immediate feeling of warmth.

distribution between feet area vents (warmer air) and dashboard vents (cooler air).

distribution between feet area vents and windscreen and front side window vents). This distribution allows an adequate warming of the passenger compartment and prevents the windows from misting up.

The set distribution is shown by the LEDs on the selected buttons.

To restore automatic air distribution control, press button **AUTO**.

Button - L
Front window fast demisting/defrosting button

Pressing the button the system activates all the functions required for fast demisting/defrosting:

- ❒ compressor switch on (if climatic conditions are suitable);
- ❒ air recycle off;
- ❒ air temperature set to maximum (HI);
- ❒ fan speed selection depending on coolant temperature;
- ❒ air flow toward the windshield and the front side windows;
- ❒ heated rear window on.

IMPORTANT The function remains active for about 3 minutes since the engine coolant temperature exceeds 50°C (for petrol versions) or 35°C (for Diesel versions).

LOOKING AFTER THE SYSTEM

Run the climate control system for at least 10 minutes every month during the winter.

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

The system uses R134a coolant which, in the event of accidental leaks, is not dangerous for the environment. Do not use R12 coolant, not suitable for the components of the system.

HEATED REAR WINDOW DEMISTER/DEFROSTER

Press the button **M** to activate this function; its activation is shown by a warning light on the instrument panel.

The function is automatically deactivated after about 20 minutes. To turn off the function beforehand, press again the button .

IMPORTANT Do not apply stickers on the internal side of the rear window over the filaments of the heated rear window, to avoid damaging it.

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EXTERNAL LIGHTS

The left-hand stalk operates most of the external lights. The external lights can only be switched on when the ignition key is on **MAR**. The instrument panel and the various instrument panel controls will come on with the external lights.

DAYLIGHT LIGHT (D.R.L.) (where provided) fig. 32

With the key on **MAR** and the knurled ring on **O** the daylight lights automatically turn on; the other lights and the internal lighting do not turn on. The daylight lights automatic switch on function can be enabled/disabled using the display menus (see paragraph "Multifunctional and reconfigurable multifunctional display" in this chapter). If daylight lights are disabled, with knurled ring in position **O** no light turns on.

WARNING

Daylight lights are an alternative to the low beams during daylight travelling, when they are mandatory, and their use is allowed when low beams are not mandatory.
Daylight lights do not replace low beams when travelling in tunnels or during the night.
The use of daylight lights is governed by the Highway Code of the country you are in. Keep to the rules.

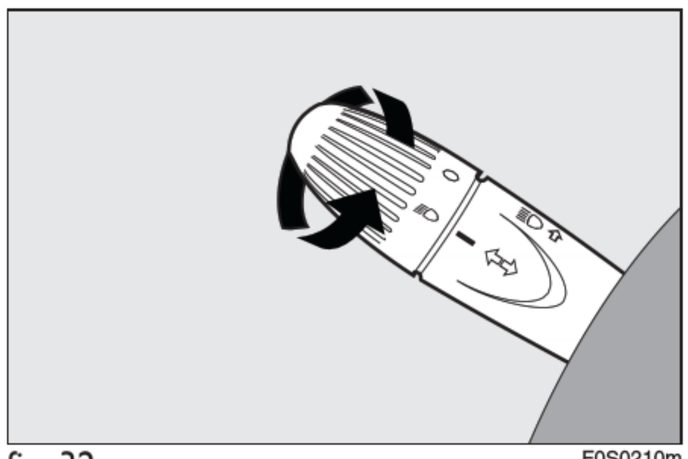


fig. 32 F0S0210m

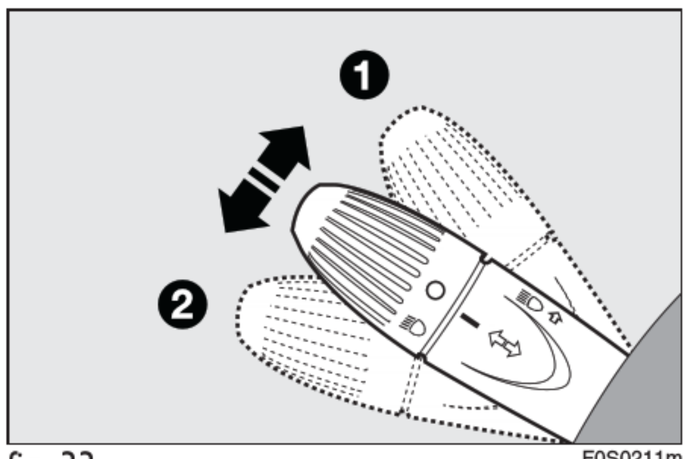


fig. 33 F0S0211m

LOW BEAMS SIDE/TAILLIGHTS fig. 32

With the key on **MAR** turn the knurled ring to ≡D. If low beams are activated, daylight lights are deactivated and taillights and low beams are activated. The warning light ≡D on the instrument panel will come on at the same time. With ignition key on **STOP** or removed, rotate the knurled ring from position **O** to position ≡D. The light ≡D on the instrument panel turns on and all taillights and number plate lights turn on.

MAIN BEAMS fig. 32

With knurled ring in position ≡D, push the stalk forward toward the dashboard (steady position). The warning light ≡D on the instrument panel will come on. They switch off pulling the stalk toward the wheel (low beams turn on).

FLASHING fig. 32

You can flash the beams pulling the stalk toward the wheel (unstable position).

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

DIRECTION INDICATORS fig. 33

Move the stalk to (steady) position:
up (position ❶): right-hand indicator
down (position ❷): left-hand indicator
Warning light ⇨ or ⇦ will blink on the instrument panel. Direction indicator automatically turn off, when the car travels again in a straight direction.

Lane change function

If you want to signal that you want to change lane, move the left stalk to unsteady position for less than half a second. The direction indicator of the selected side activates for three blinks and then automatically turns off.

"FOLLOW ME HOME" DEVICE

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

Activation

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

At each movement of the stalk, the staying on of the lights is extended by 30 seconds up to a maximum of 210 seconds; then the lights are switched off automatically.

Each time the stalk is operated, the warning light on the instrument panel turns on and the display shows how long the function remains active.

The warning light turns on the first time the stalk is operated, and stays on until the function is automatically deactivated. Each time you operate the lever, only the permanence of lights increases.

Deactivation

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

WINDOW WASHING

The right stalk **fig. 34** controls windscreen wiper/washer and heated rear window wiper/washer operation.

WINDSCREEN WASHER/WIPER

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

The stalk has 5 different positions (4 speeds):

A windscreen wiper off.

B intermittent.

C continuous slow.

D continuous fast.

E temporary fast (unstable position).

The temporary fast function lasts as long as you manually keep the stalk in that position. When released, the stalk will return to position **A** and the wiper will be automatically stopped.

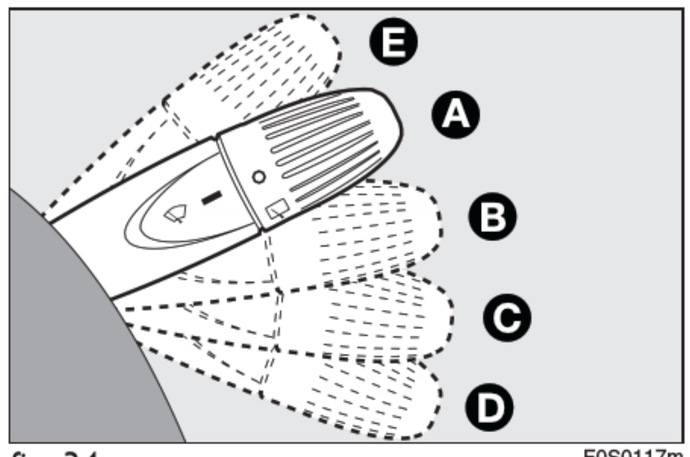


fig. 34 F0S0117m

"Smart washing" function

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

Keep the stalk pulled to activate with a single movement the windscreen washer jet and the windscreen wiper; the latter automatically turns on if you keep the stalk pulled for over half a second. The windscreen wiper stops operating a few strokes after releasing the stalk; a further "cleaning stroke", after a few seconds, completes the wiping operation.

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

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REAR WINDOW WIPER/ REAR WINDOW WASHER

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

Turn the knurled ring to ⌑ to operate the rear window wiper.

With the windscreen wiper active, rotate the knurled ring to ⌑ to activate the rear window wiper which, in this case, operates (in the different positions) in synch with the windscreen wiper, yet with half its frequency. With windscreen wiper active, engaging reverse gear, the rear window wiper automatically turns on in slow continuous mode.

It stops when the reverse gear is disengaged.

"Smart washing" function

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

Keep the stalk pushed to activate with a single movement the rear window washer jet and the rear window wiper; the latter automatically turns on if you keep the stalk pushed for over half a second.

The rear window wiper stops operating a few strokes after releasing the stalk; a further "cleaning stroke", after a few seconds, completes the wiping operation.



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

CEILING LIGHTS

FRONT CEILING LIGHT

The lens can be set to three positions:

❒ right side pressed: light always on

❒ left side pressed: light always off

❒ central position (neutral): the light turns on and off when the doors are opened or closed.

IMPORTANT Before getting out of the car, make sure the switch is on the central position: ensure that lights are off with doors closed in order to avoid draining the battery.

On same versions, light switch on and off occur only when the front driver side door is opened or closed.

When the doors are unlocked using the remote control, a 10 second timing turns on.

When the doors are locked using the remote control, the ceiling light turns off.

Ceiling light timing (central position of the lens)

Three different switch on modes are foreseen:

❒ when opening one door, a three minute timing is set;

❒ when removing the key from the ignition switch within two minutes from engine switch off, a 10 second timing is set;

❒ when doors are unlocked (either with remote control or with key on driver side door), a 10 second timing is set.

Three modes are foreseen for switch off:

❒ when closing all doors, a three minute timing is set; The timing is disabled if the key is moved to **MAR**;

❒ when doors are locked (either with remote control or with key on driver side door), the ceiling light turns off.

❒ the internal lights turn off after 15 minutes to avoid battery drain

BOOT LIGHT

For versions fitted with boot light, it will automatically turn on when opening the tailgate and it will turn off when closing it.

CONTROLS

DUALDRIVE ELECTRIC POWER STEERING SYSTEM (where provided) fig. 35

Press button **A** to activate the "CITY" function (see paragraph "electric power steering system"). When the function is active, the message CITY is displayed on the instrument panel. Press again the button to deactivate the function.

SPORT FUNCTION CONTROL (versions 1.4 100 CV) fig. 35a

Pressing the button SPORT **D-fig. 35a**: sets the sport mode, featuring a more responsive acceleration and an increased steering wheel effort.

When the function is active, the message SPORT is displayed on the instrument panel. Press again the button to deactivate the function and return to the standard driving mode.

IMPORTANT Pressing SPORT, the function is active after about 5 seconds.

IMPORTANT When in SPORT mode, acceleration may be abrupt, This is typical of this mode.

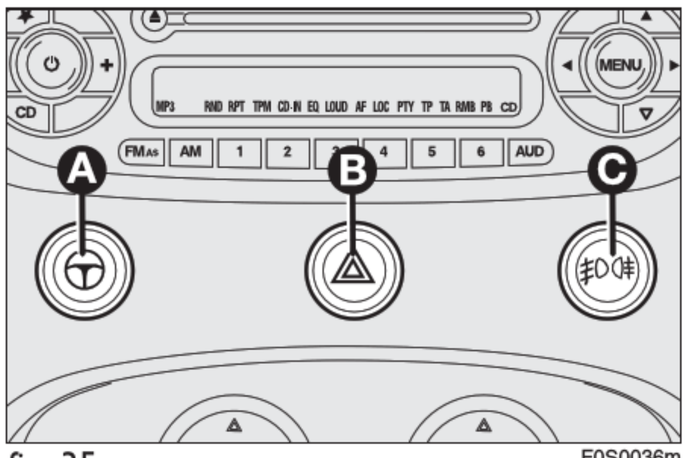


fig. 35 F0S0036m

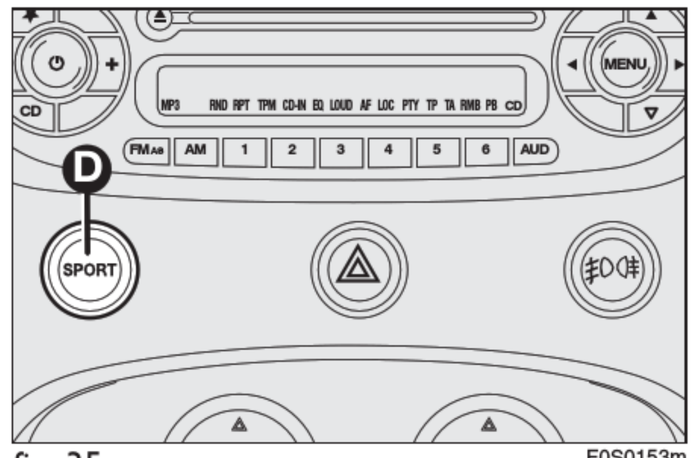


fig. 35a F0S0153m

HAZARD LIGHTS fig. 35

They turn on pressing the button **B**, regardless of the position of the ignition key.

When the function is active, warning lights ⇦ and ⇨ on the panel blink.

To switch off, press again the button **B**.

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

Emergency braking

In the event of emergency braking the emergency lights automatically turn on and at the same time the lights ⇦ end ⇨ turn on on the dashboard.

The function automatically turns off when the emergency braking stops.

This function complies with the current applicable laws.

FRONT/REAR FOG LIGHTS (where provided) fig. 35

To turn on the front/rear fog lights, use the button **C** as follows:

1° Pressure: front fog lights on

2° Pressure: rear fog lights on

3° Pressure: lights off

When the front fog lights are on, the warning light turns on on the instrument panel; when the rear fog lights are on, the warning light turns on on the instrument panel.

Front fog lights are turned on with low beams on.

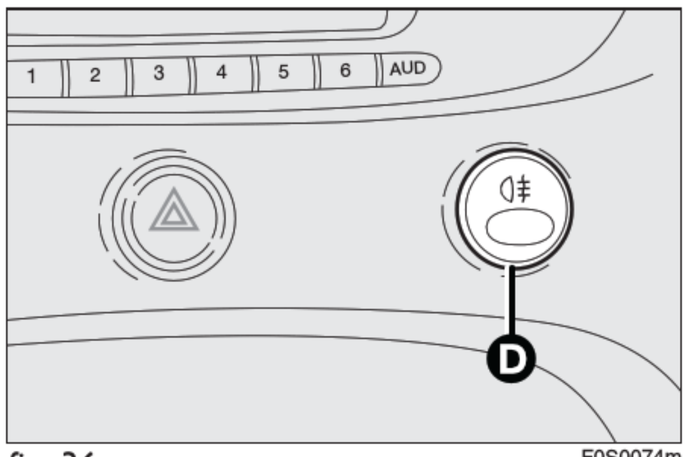


fig. 36

REAR FOG LIGHTS fig. 36

They turn on, with low beams on, pressing the button **D**.

With lights on, the warning light on the instrument panel will come on at the same time. Press the button again to turn the lights off.

FUEL CUT-OFF SYSTEM

It intervenes in case of collision, activating:

- ❒ switch off of fuel supply with resultant engine switch off;
- ❒ automatic door lock release;
- ❒ switch on of all lights inside the car.

When the system is active, the message "Fuel cut-off see handbook" is displayed.

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

After the collision, position ignition key on **STOP** to avoid battery draining.

To reset car operation, follow this procedure:

- ❒ turn the ignition key to **MAR**;
- ❒ activate the right-hand indicator;
- ❒ deactivate the right-hand indicator;
- ❒ activate the left-hand indicator;
- ❒ deactivate the left-hand indicator;
- ❒ activate the right-hand indicator;
- ❒ deactivate the right-hand indicator;
- ❒ activate the left-hand indicator;
- ❒ deactivate the left-hand indicator;
- ❒ turn the ignition key to **STOP**.

WARNING

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

INTERIOR FITTINGS

CIGAR LIGHTER (where provided)

WARNING

The cigar lighter becomes very hot. Handle with care. The device must not be used by children: risk of fire or burns. Always check that the cigar lighter has turned off.

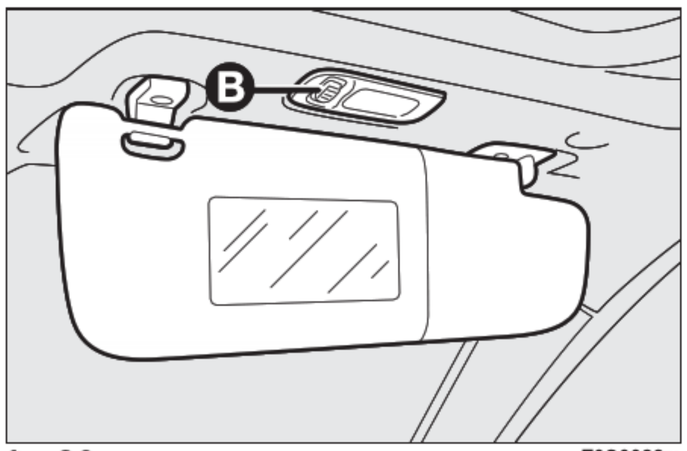


fig. 38 F0S0038m

SUN VISORS fig. 38

These are arranged at the sides of the internal rearview mirror.

They may be oriented frontally and to the side.

The passenger side sun visor includes a courtesy mirror, lighted by a specific ceiling light, activable using the button **B**. The driver and passenger side sun visors include accessory pockets.

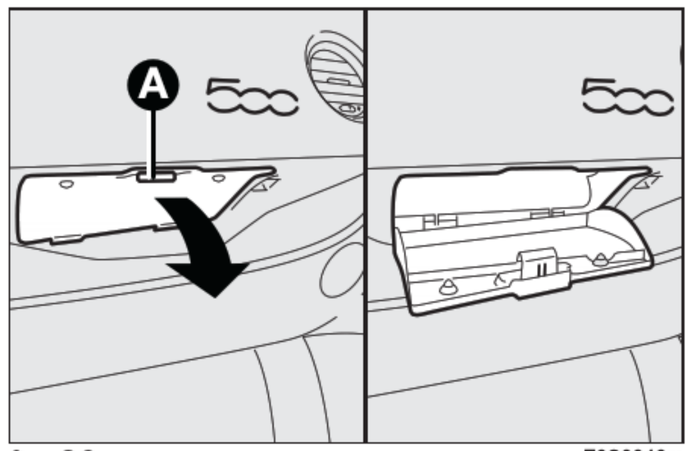


fig. 39 F0S0040m

GLOVE BOX ON PASSENGER SIDE DASHBOARD (where provided) fig. 39

To open the glove box, operate opening device **A**.

WARNING

Do not travel with the oddment compartments open: they could hurt the passenger in case of crash.

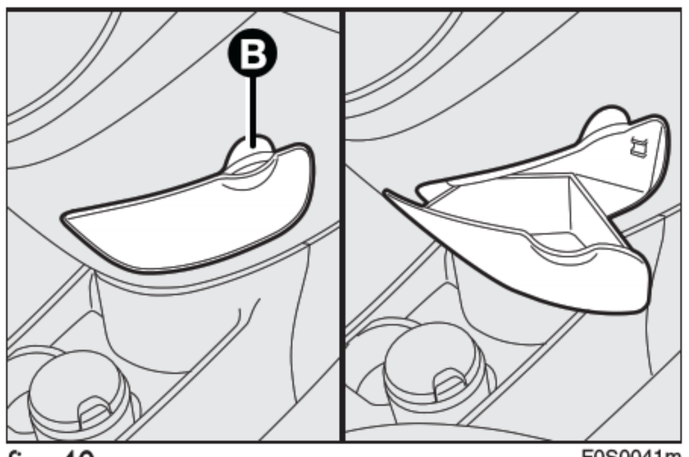


fig. 40 F0S0041m

COMPARTMENT IN CENTRAL CONSOLE fig. 40

To open the compartment, operate slot **B** and pull outward as shown in figure.

WARNING

Do not travel with the oddment compartments open: they could hurt the passenger in case of crash.

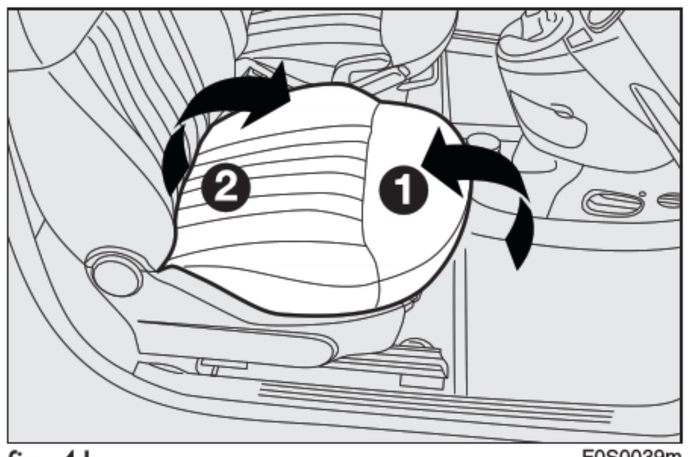


fig. 41 F0S0039m

ODDMENT COMPARTMENT UNDER THE SEAT (where provided) fig. 41

In some versions, under the passenger seat there is an oddment compartment.

To access the oddment compartment, lift the front area of the cushion **1** to enable its release, then lift the rear area **2** (back-seat side).

To close the oddment compartment, lower and insert under the backrest the rear of the cushion without forcing, then press on the front of the cushion until it snaps in position.

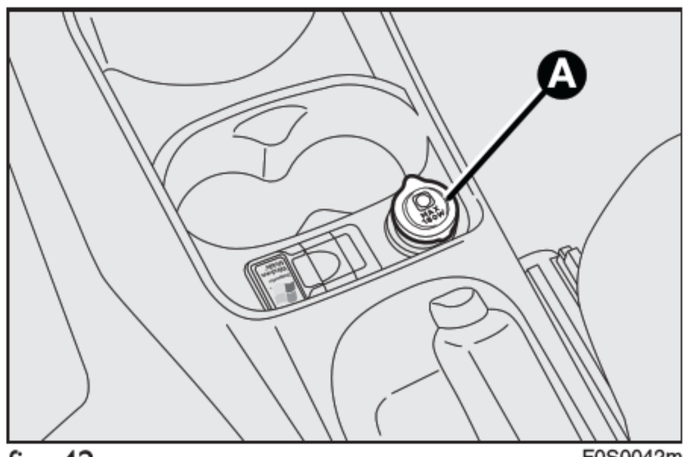


fig. 42 F0S0042m

GLASS/BOTTLE HOLDER

On the central tunnel there are two glass/can holders for the front seats and two for the rear seats.

CURRENT OUTLET (where provided) fig. 42

Positioned on the central tunnel, the outlet is powered with ignition key on **MAR**.

To use the outlet, open the protective cover **A**.

Correct operation is ensured only if the connected devices are provided with homologated plugs, present on all the components of the Lineaccessori Fiat.

IMPORTANT With engine off and key on **MAR**, the extended use (for instance for more than 1 hour) of accessories which drain much current may reduce battery efficiency, up to ignition failures.

Accessories with a maximum power of 180W (maximum electrical input 15A) can be connected to the outlet.

FIXED GLASS SUNROOF (where provided)

The fixed sunroof with wide glass includes a glass panel provided with manually operated sun visor. The sun visor can be used in the positions "fully closed" and "fully open" (it has no fixed intermediate position). To open the sun visor: press the tooth **A-fig. 44**, release it and move it to "all open position". To close it, repeat the same operation in the opposite direction.

OPENABLE SUNROOF (where provided)

The openable sunroof with wide glass includes a glass panel provided with manually operated sun visor. The sun visor can be used in the positions "fully closed" and "fully open" (it has no fixed intermediate position). To open the sun visor: press the tooth **A-fig. 44**, release it and move it to "all open position". To close it, repeat the same operation in the opposite direction. The sunroof can be operated only when the ignition key is on **MAR**. The controls **A-B fig. 43** on a dedicated dashboard near the front ceiling lights, enable to open/close the sunroof.

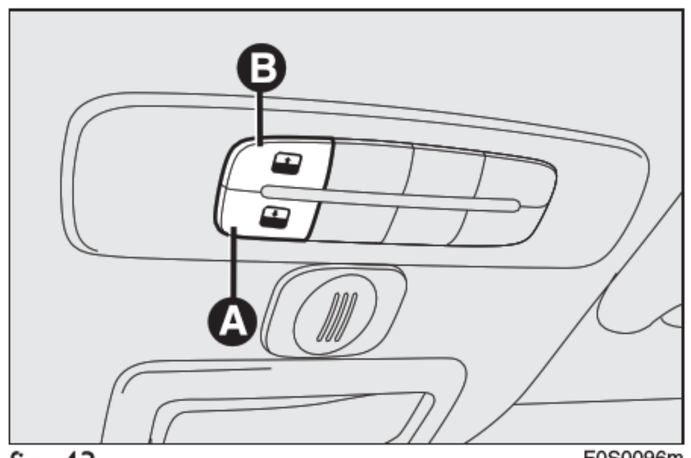


fig. 43 F0S0096m

To open

Press and keep pressed button **B-fig. 43**, the front pane will set to the "spoiler" position; press button **B-fig. 43** again for over half a second to make the sunroof sliding automatically to the wide open position; press the button to stop the sunroof at an intermediate position.

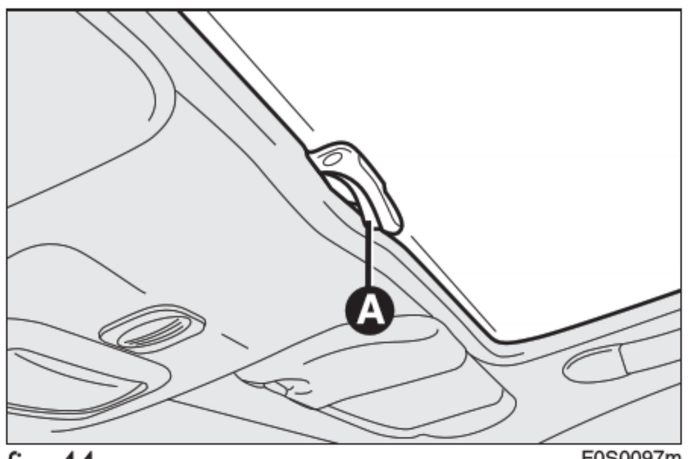


fig. 44 F0S0097m

To close

When in wide open position, press button **A-fig. 43** for over half a second to set the front pane to the "spoiler" position; press the button again to stop the sunroof at an intermediate position; press button **A-fig. 43** again and keep it pressed to close the sunroof completely.

Use the sunroof only at "spoiler" position if cross roof racks are fitted.

Do not open the sunroof if snow or ice is over it: you may damage it.

WARNING

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

Anti-crushing safety system

Sunroof is fitted with anti-crushing safety system that detects the presence of an obstacle during sunroof closing stroke and that cuts in by stopping and reversing the sunroof stroke.

INITIALISATION PROCEDURE

Sunroof shall be re-initialised after disconnecting the battery or if the relevant protection fuse is blown.

Proceed as follows:

- ❒ press button **A-fig. 43** at close position;
- ❒ keep the button pressed to close completely by steps the sunroof;
- ❒ after full closing, wait for sunroof motor stopping.

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

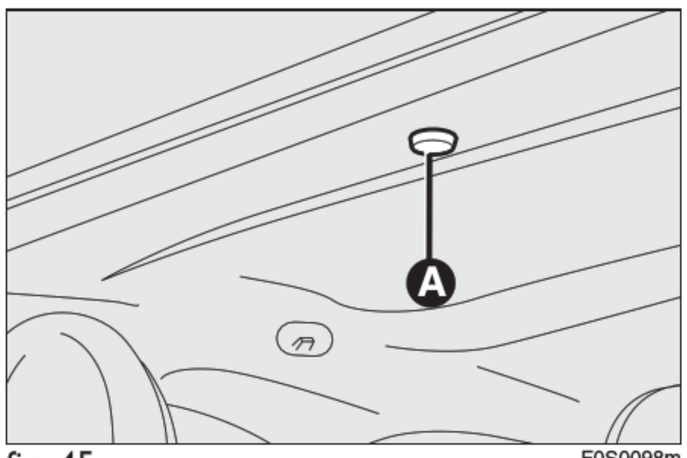


fig. 45 F0S0098m

EMERGENCY OPERATION

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

- ❒ Remove the protective cap **A-fig. 45** located on the internal covering, behind the sun visor;
- ❒ take the setscrew wrench (provided as standard) from the tool bag in the boot;
- ❒ fit the wrench into the seat and turn it:
  - – clockwise to open the sunroof;
  - – counter-clockwise to close the sunroof.

DOORS

LOCK/RELEASE FROM OUTSIDE fig. 46

To open

Rotate the key to **1** and pull the handle upward.

With central control (where provided), on key rotation all door locks are released at the same time.

With remote control (where provided), press the button to open the doors.

WARNING

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

Open the doors only when the car is stationary.

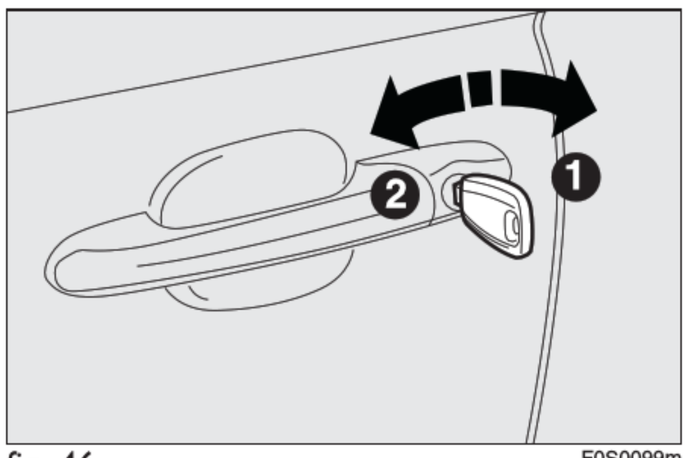


fig. 46 F0S0099m

To lock

Rotate the key to **2** with fully closed door.

With central control (where provided), it is necessary that all doors are fully closed.

With remote control (where provided), press the button to close the doors.

If one of the doors is not fully closed, simultaneous lock is disabled.

IMPORTANT If one of the doors is not correctly closed or in the event of a system failure, the central lock does not operate. After 10/11 manoeuvres in quick sequence, the device is disabled for approx. 30 seconds.

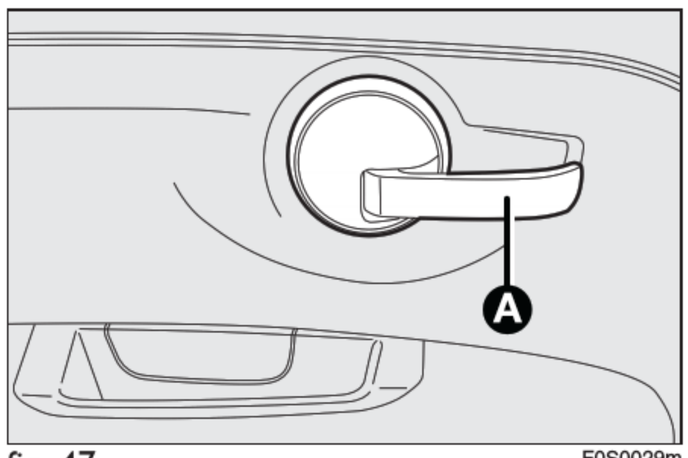


fig. 47 F0S0029m

LOCK/RELEASE FROM INSIDE fig. 47

To open

Pull the control lever **A**.

With central control, operating the lever **A** on driver side, all door locks are released. For versions with remote control, operating the lever **A** on passenger side door, that door lock is released.

For versions without remote control, operating the lever **A** on passenger side door, all door locks are released.

To lock

Push the control lever **A** toward the door. Operating the lever **A** on driver side, all doors are locked.

For versions with remote control, operating the lever **A** on passenger side door, that door is locked.

For versions without remote control, operating the lever **A** on passenger side door, all doors are locked.

With mechanic lock, without central control, you can lock a door operating its control lever.

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WINDOW WINDERS

FRONT WINDOW WINDERS (where provided) fig. 48

They operate with ignition key on **MAR** and for about 2 minutes after positioning the key on **STOP** or removed.

The two buttons are located besides the gear lever (one for each side):

A to open/close the left front window;

B to open/close the right front window;

Holding the button pressed for a few seconds, the window automatically raises or lowers (only with key on **MAR**).

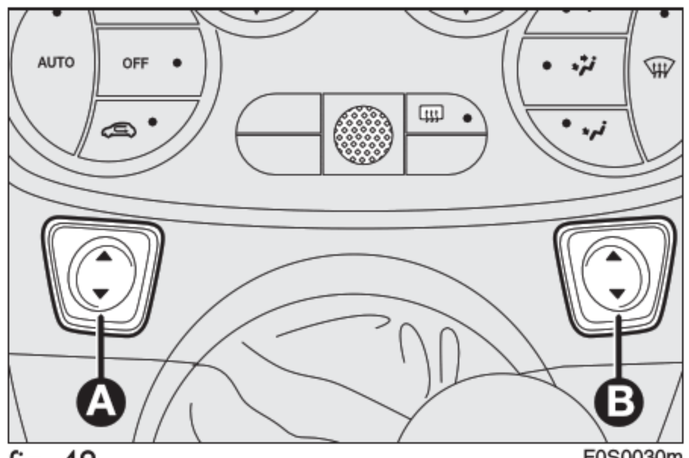


fig. 48 F0S0030m

WARNING

When leaving the car, always remove the ignition key to avoid the risk of injury due to accidental operation of the power windows.

WARNING

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

MANUAL WINDOW WINDERS

On some versions the window winders are manual.

To open/close, operate the handle.

BOOT

TAILGATE OPENING

By means of mechanic key fig. 50

To release the lock, use the metal insert of the ignition key **A**.

Tailgate opening is eased by the action of the side gas shock absorbers.

Opening the tailgate, for some versions, the boot light turns on: the light automatically turns off after you close the tailgate.

The light remains on for about 15 minutes after rotating the key to **STOP**: if, during this period, a door or the tailgate is opened, the 15 minutes timing is reset.

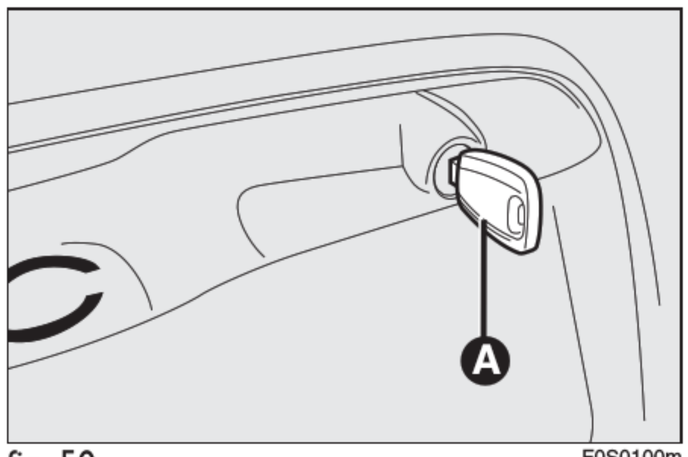


fig. 50 F0S0100m

By means of key with remote control (where provided)

Press the button .

Tailgate opening is indicated by double flashing of direction indicators.

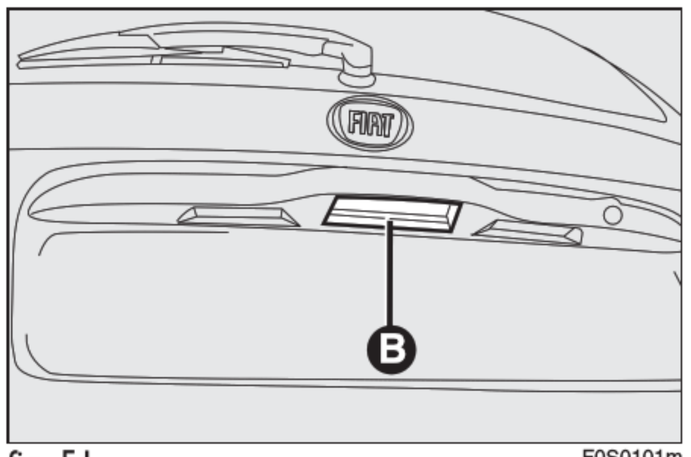


fig. 51 F0S0101m

Soft touch handle (where provided) fig. 51

For some versions, the tailgate (when released) can be opened only from outside the car operating on the soft touch handle **B** located under the tailgate edge.

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

To open it, enable the handle, opening one of the front doors or unlock the doors with the remote control or using the mechanic key.

If the tailgate is not fully closed, the warning light on the instrument panel turns on (where provided).

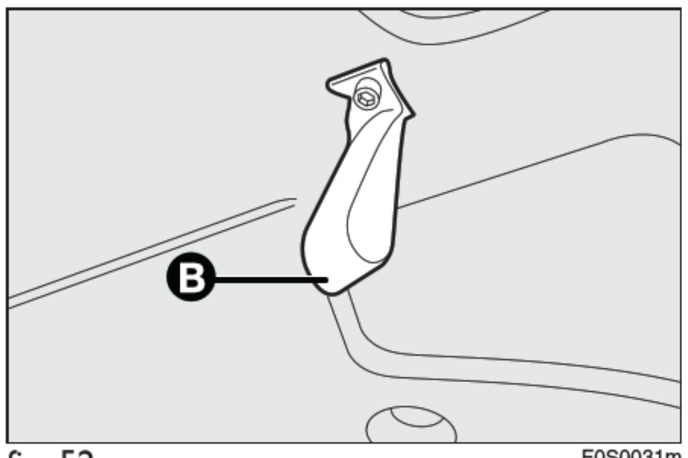


fig. 52 F0S0031m

TAILGATE CLOSING fig. 52

To close, lower the tailgate pressing near the lock until you hear it click.

Inside the tailgate there is a ribbon **B** which provides an easy handhold to close the tailgate.

WARNING

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

Do not travel with the tailgate open: exhaust gas may enter the passenger compartment.

WARNING

If you travel in areas with few filling stations and you want to transport fuel in a spare tank, respect applicable laws, using only an homologated, suitably secured tank. However, the risks in case of collision increase.

Take care not to knock objects on the roof rack when opening the tailgate.

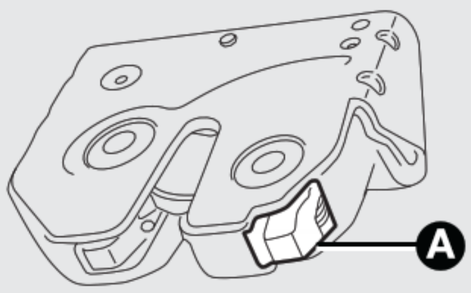


fig. 52a F0S0135m

TAILGATE EMERGENCY OPENING fig. 52a

To open the tailgate from the passenger's compartment if the car battery is flat or the electric tailgate lock is faulty, proceed as follows (see "Extending the boot" in this chapter):

- ❒ remove the rear head restraints;
- ❒ tilt the backrests;
- ❒ to achieve tailgate automatic unlock, from inside the boot, operate lever **A**.

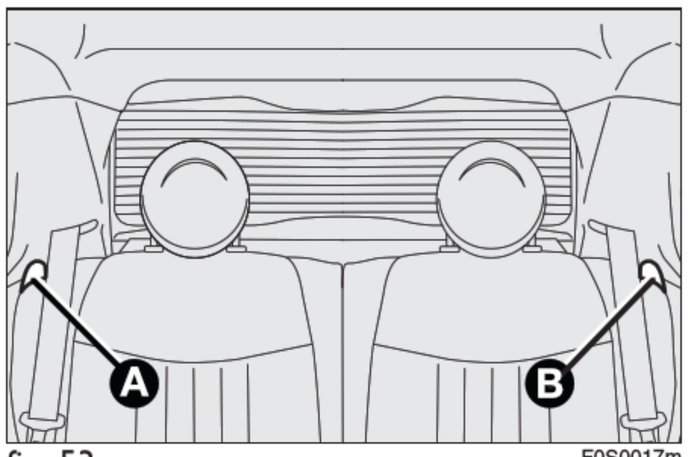


fig. 53 F0S0017m

EXTENDING THE BOOT

Partial extension (50/50) (where provided) fig. 53-54

The separate rear seats allow partial or total boot extension.

Proceed as follows:

❒ Lift out rear seat head restraints (where provided) with backrest released and tilted toward the passenger compartment or with the tailgate open.

❒ check that the seat belt is not twisted;

❒ operate levers **A** or **B-fig. 53** to release respectively the left or right part of the backrest and guide the backrest onto the cushion.

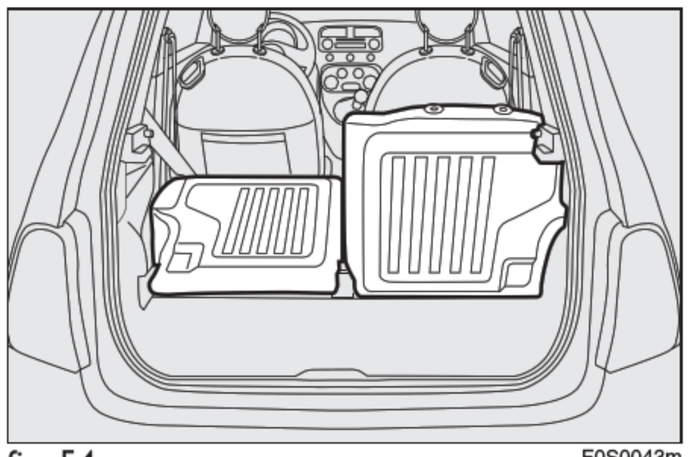


fig. 54 F0S0043m

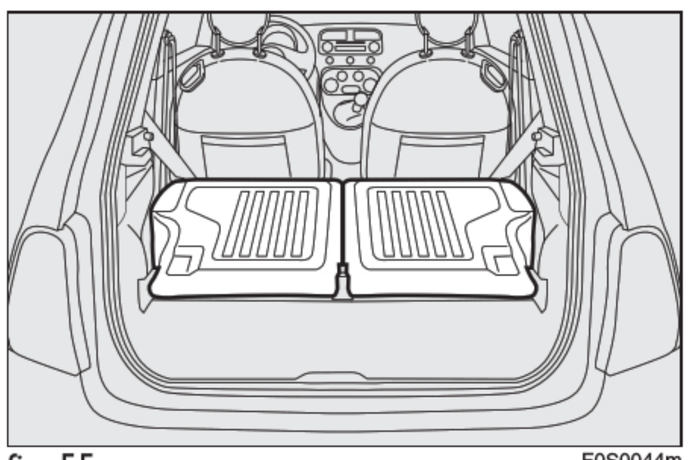


fig. 55 F0S0044m

IMPORTANT To return the backrest to its correct position, we recommend to operate from the external doors.

Maximum extension fig. 55

Tilt the rear seat completely to obtain maximum boot extension.

Proceed as follows:

❒ remove the rear seat head restraints (where provided);

❒ check that the seat belt is not twisted;

❒ operate levers **A** and **B-fig. 53** to release the backrests and guide them onto the cushion.

IMPORTANT To return the backrest to its correct position, we recommend to operate from the external doors.

Rear seat repositioning

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

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

IMPORTANT When returning the backrest to the position of use, make sure it is correctly fastened and you hear the lock click.

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

REMOVING THE REAR PARCEL SHELF

To remove the rear shelf, release it from its two side pins and pull it out.

BONNET

To open fig. 56-57

Proceed as follows:

- ❒ pull lever **A** in the direction of the arrow;
- ❒ move to the right the lever **B** as shown in figure;
- ❒ lift the bonnet and at the same time release the support rod **C** from its locking device **D**, then insert the end of the rod in the seat **E** of the engine hood (bigger hole) and push to safety position (smaller hole), as shown in figure.

WARNING

If the supporting rod is not positioned correctly the bonnet may fall violently. Perform these operations when the car is stationary only.

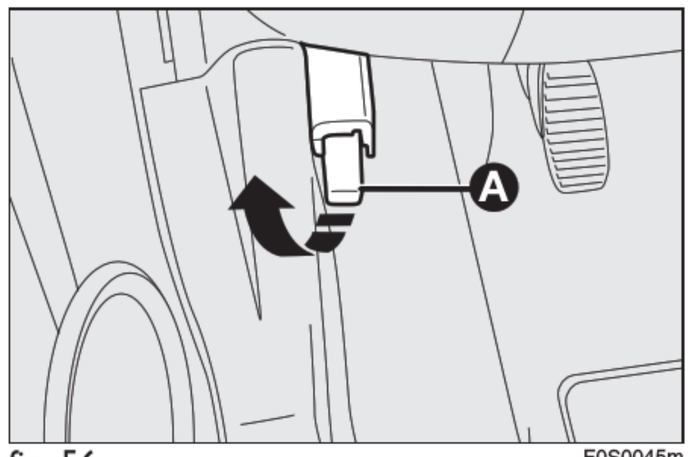


fig. 56 F0S0045m

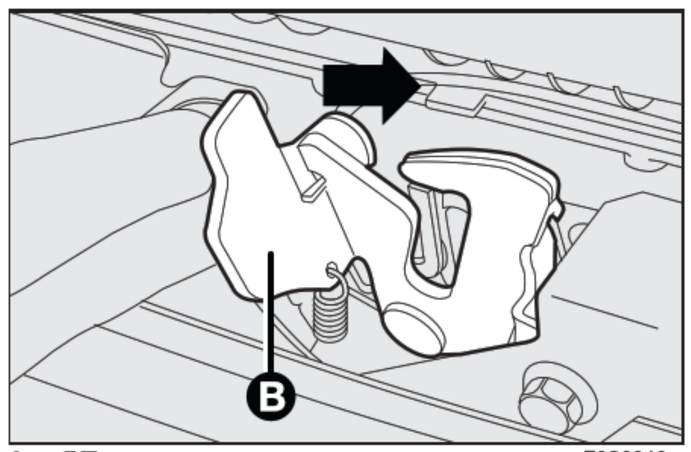


fig. 57 F0S0046m

WARNING

Before lifting the bonnet, ensure that the wiper arm is not lifted from the windscreen.

WARNING

With hot engine, operate with caution inside the engine compartment to avoid burns. Keep your hands away from the fan: it may turn on even with key removed from the switch. Wait for engine cooling.

WARNING

Pay attention to scarves, ties and other loose fitting garments. If they accidentally touch moving parts, they may get dragged with serious risks for those who wear them.

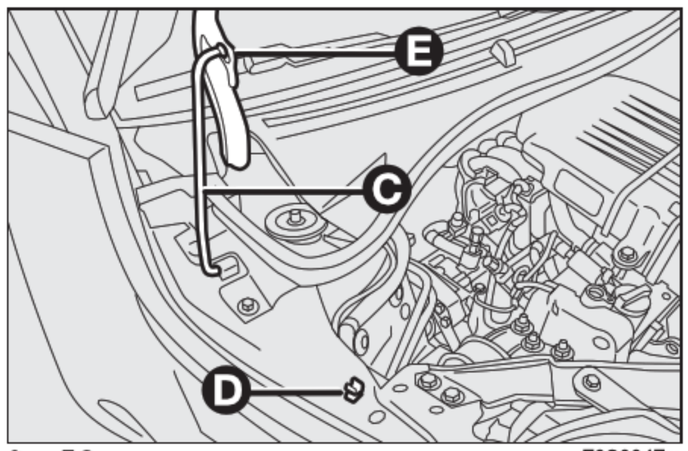


fig. 58 F0S0047m

To close fig. 58

Proceed as follows:

❒ hold the bonnet up with one hand and with the other remove rod **C** from seat **E** and fit it back into its catch **D**;

❒ lower the bonnet to approximately 20 centimetres from the engine compartment and let it drop. Make sure that the bonnet is completely closed and not only fastened by the safety catch by trying to open it. If it is not perfectly closed, open the bonnet and repeat the procedure. Do not simply press it.

WARNING

The bonnet must always be perfectly closed while travelling for safety reasons. Make sure that the bonnet is perfectly closed and that the lock is engaged. If you discover that the bonnet is not perfectly closed while travelling, stop immediately and close the bonnet in the correct manner.

ROOF RACK/SKI RACK

FASTENERS

The fasteners are located in the area indicated in **fig. 59**.

To use the front fasteners, remove the cap **A**, accessible with the door open. To locate rear fasteners **B**, refer to **fig. 59a**.

Lineaccessori provides a specific rack/ski rack on tailgate.

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

WARNING

Comply with applicable laws concerning maximum overall dimensions.

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

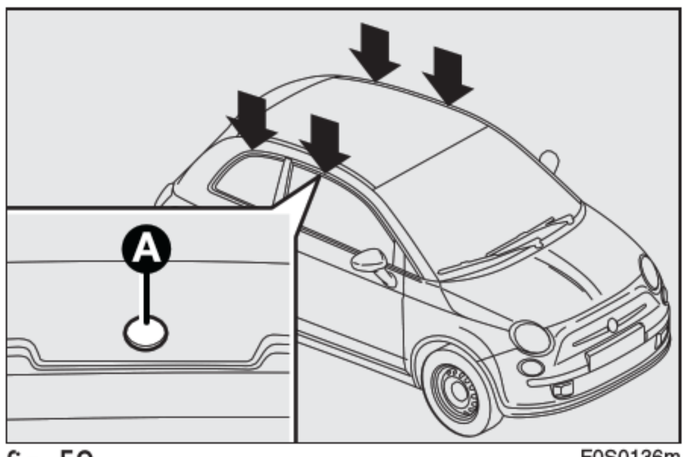


fig. 59 F0S0136m

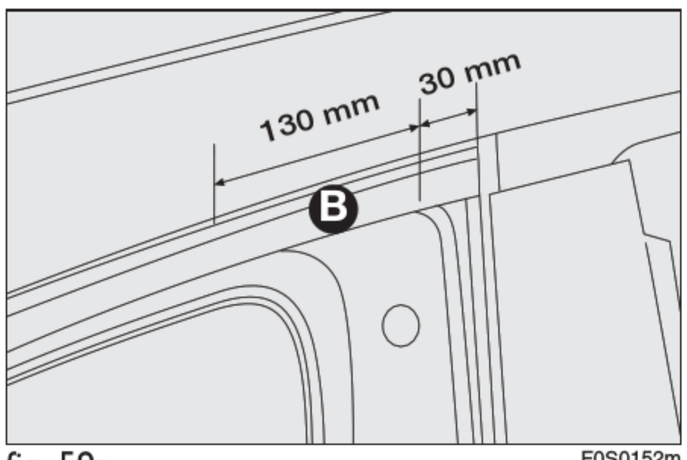


fig. 59a F0S0152m

WARNING

After travelling for a few kilometres, check again that fastening screws are properly tightened.

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

HEADLIGHTS

BEAM DIRECTION

The correct orientation of the headlights is important for drivers comfort and safety. Besides, it is a specific rule of the highway code.

The headlights must be correctly directed to ensure the best visibility conditions for all drivers.

Contact Fiat Dealership to have the headlights properly adjusted.

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

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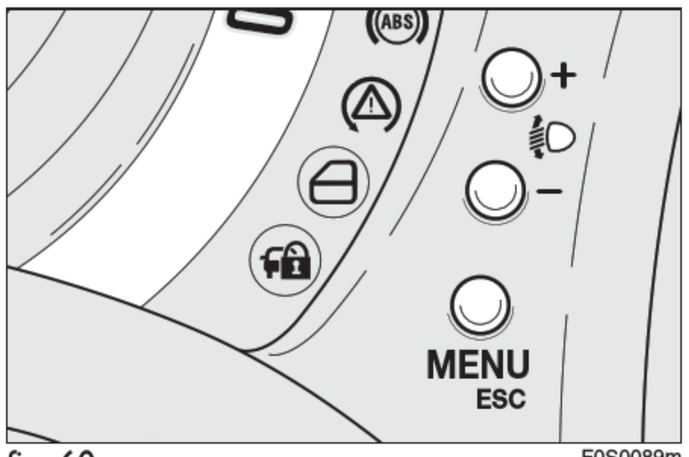


fig. 60 F0S0089m

BEAM ADJUSTMENT fig. 60

The car is provided with electric adjustment of the beams, operating with ignition key on **MAR** and low beams on.

The car will slant backwards when it is loaded, raising the light beam.

In that case, it is necessary to perform beams adjustment with buttons **+** and **–**.

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

Correct positions depending on load

Position **0** - one or two passengers on front seats.

Position **1** - 4 passengers.

Position **2** - 4 passengers + load in the boot.

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

AIMING THE FRONT FOG LIGHTS (where provided)

Contact Fiat Dealership to have the headlights properly adjusted.

BEAMS ADJUSTMENT ABROAD

Low beams factory adjustment depends on the country where the car is purchased. When you travel in countries with different driving direction, to avoid blinding the drivers who travel in the opposite direction, it is necessary to cover the areas of the beam according to the provisions of the Highway Code of the country where you travel.

ABS SYSTEM

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

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

IMPORTANT To achieve maximum efficiency of the braking system, a settlement period of about 500 km is required: during this time, avoid sudden, repeated and prolonged braking.

ABS SYSTEM INTERVENTION

Intervention of the ABS is detected by a slight pulsing of the brake pedal accompanied by noise: such an event indicates that you need to adjust your speed to the type of road on which you are travelling.

WARNING

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

WARNING

When the ABS intervenes, it means that you are approaching the grip limit between tyres and road: it is necessary to slow down to adjust the speed according to available grip.

WARNING

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

FAILURE INDICATIONS

ABS failure

It is indicated by the turning on of warning light (ABS) on the instrument panel together with the dedicated message on the reconfigurable multifunctional display (where provided), see section "Warning lights and messages".

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

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EBD failure

It is indicated by the turning on of warning lights (ABS) and (!) on the instrument panel together with the dedicated message on the reconfigurable multifunctional display (where provided); see section "Warning lights and messages".

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

WARNING

If warning light (!) only lights up on the instrument panel, (with a message on the multifunctional reconfigurable display, where provided), immediately stop the car and contact the nearest Fiat Dealership. Leakage of hydraulic fluid from the braking system will compromise functionality of the braking system, either of the conventional type or with ABS.

ESP SYSTEM (Electronic Stability Program) (where provided)

The ESP system is an electronic system controlling the car stability in the event of tyre grip loss.

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

Besides the ESP, the car is provided with ASR (traction control with interventions on brakes and engines), HILL HOLDER (device for start on gradient without using the brakes), MSR (control of engine braking torque when shifting gear down) and HBA (automatic increase of braking pressure in case of emergency braking).

SYSTEM INTERVENTION

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

System intervention

The ESP system is automatically activated when the car is started and cannot be de-activated.

Failure indications

In the event of a failure, the ESP system will be automatically switched off and warning light Ⓐ will appear on the instrument panel along with a message on the reconfigurable multifunctional display (where provided). The LED on the **ASR OFF** button will light up. Contact Fiat Dealership.

WARNING

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

HILL HOLDER SYSTEM (where provided)

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

- ❒ uphill: car at a standstill on a road with a gradient higher than 2%, engine running, clutch and brake pedal pressed, gearbox to neutral or engaged gear other than reverse;
- ❒ downhill: car at a standstill on a road with a gradient higher than 2%, engine running, clutch and brake pedal pressed and reverse gear engaged.

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

After two seconds without starting, the system will deactivate automatically by releasing gradually the brake force. At releasing, the typical brake disengagement noise indicating that the car is going to move will be heard.

Failure indications

A failure of the system is indicated by the turning on warning light Ⓐ on the instrument panel together with the dedicated message on the reconfigurable multifunctional display (where provided); see section "Warning lights and messages".

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

WARNING

If the spare wheel is used, the ESP system keeps operating. The spare wheel, being smaller than the original wheel provides less grip.

For correct operation of the ESP and ASR systems, the tyres must absolutely be of the same brand and type on all wheels, in perfect conditions and, above all, of type, brand and size specified.

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ASR SYSTEM (Antislip Regulation) (where provided)

It's integral to the ESP system and automatically intervenes in case of slip of one or both drive wheels, helping the driver to control the car.

The action of the ASR is particularly helpful in the following circumstances:

- ❒ slipping of the inner wheel due to the effect of dynamic load changes or excessive acceleration;
- ❒ too much power transmitted to the wheels also in relation to the conditions of the road surface;
- ❒ acceleration on slippery, snowy or frozen surfaces;
- ❒ in the case of loss of grip on a wet surface (aquaplaning).

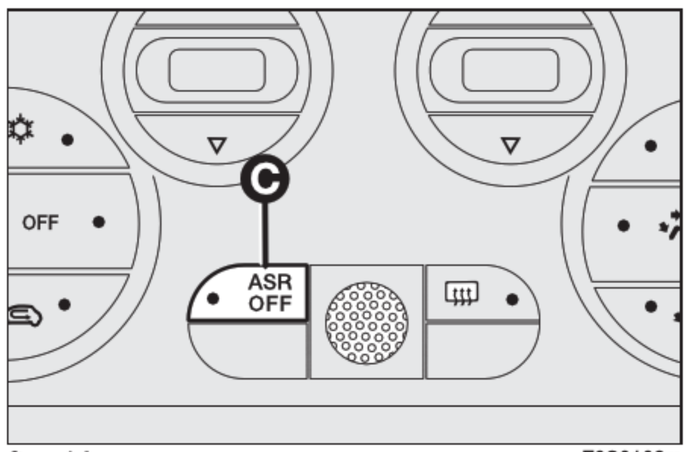


fig. 61 F0S0102m

MSR system (engine braking torque control)

It is an integral part of the ASR system that in case of sudden gear downshifting, cuts in providing torque to the engine thus preventing excessive driving wheel drive that, specially in poor grip conditions, can lead to loss of stability.

Switching the ASR system on/off fig. 61

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

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

When the system is active, a message on the reconfigurable multifunctional display (where provided) is displayed.

When the system is not active, the led on the button ASR OFF turns on and a message on the reconfigurable multifunctional display (where provided) is displayed. Turning off the ASR when travelling, on next start the ASR is automatically turned on by the system.

It may be useful to switch off the ASR when driving on snow-covered roads with snow chains fitted: in these conditions, slipping of the wheels during pick-up provides better traction.

EOBD SYSTEM

The EOBD system (European On Board Diagnosis) allows continuous diagnosis of the components of the car correlated with emissions. It also alerts the driver, by turning on the warning light on the instrument panel (together with relevant message on the multifunction display, where provided), when these components are no longer in peak conditions (see section "Warning lights and messages").

The objective is:

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

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

This check can also be carried out by the traffic police.

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

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

"DUALDRIVE" ELECTRIC POWER STEERING SYSTEM (where provided)

Some versions are provided with the electrically controlled power steering system called "Dualdrive" working only with ignition key on **MAR** and engine running, that can be customised by the driver according to the driving conditions.

IMPORTANT In case of quick rotation of the ignition switch, full power steering functionality can be achieved after 1-2 seconds.

For versions 1.4 16V the control to activate the Dualdrive electric power steering is replaced by the control to activate the function SPORT (see paragraph "Controls" in this chapter).

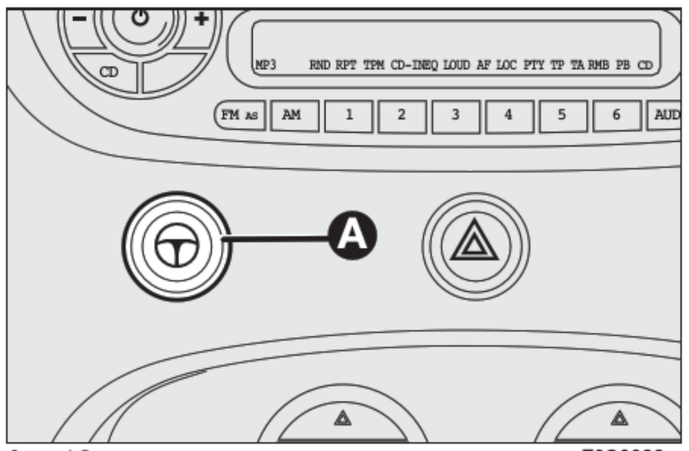


fig. 62

SWITCHING ON/OFF CITY FUNCTION fig. 62

To turn on/off the function, press **A**.

When the function is active, the warning light **CITY** on the instrument panel turns on.

With **CITY** function on, wheel effort is lighter, easing parking manoeuvres: The function is particularly helpful while driving in city centres.

WARNING

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

FAILURE INDICATIONS

Any failure is indicated by instrument panel warning light coming on together with the message on the reconfigurable multifunction display (where provided) (see section "Warning lights and messages").

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

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

In this case, immediately stop the car, turn off the engine for about 20 seconds and then turn on again the engine. If the warning light is still on, along with the message on the reconfigurable multifunctional display (where provided), contact Fiat Dealership.

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

WARNING

Before servicing the car, switch off the engine and remove the key from the ignition device, activating the steering lock, especially when car wheels do not touch the ground. If this is not possible (if the key must be on MAR or the engine must be running), remove the main fuse which protects the electric power steering.

PARKING SENSORS (where provided)

Parking sensors are located in the rear bumper **fig. 63** and their function is to inform the driver, through an intermittent buzzer, about the presence of obstacles behind the car.

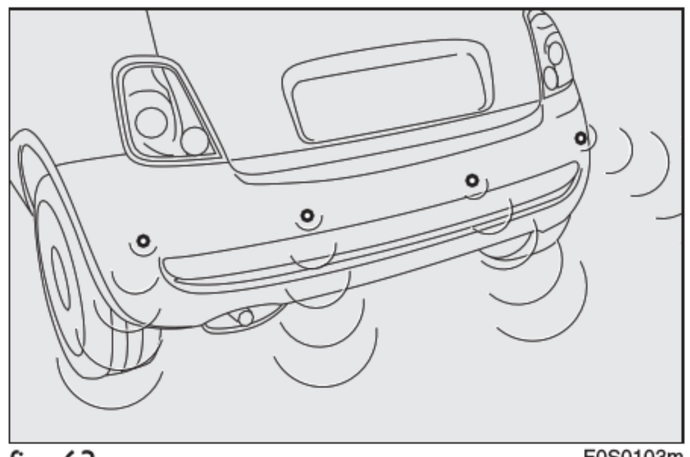


fig. 63 F0S0103m

ACTIVATION

The sensors are automatically activated when the reverse gear is engaged. As the distance from the obstacle behind the car decreases, the acoustic alarm becomes more frequent.

SOUND ALARM

Engaging reverse gear, in the event of an obstacle behind the car, a sound alarm activates. The sound changes depending on the distance between the bumper and the obstacle.

The sound frequency:

- ❒ increases as the distance between the car and the obstacle decreases;
- ❒ becomes continuous when the distance between the car and the obstacle is less than 30 cm. The sound immediately stops if the distance increases.
- ❒ remains constant if the distance between the vehicle and the obstacle remains unchanged.

Detection distances

Central operating range 140 cm

Side operating range 60 cm

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

FAILURE INDICATIONS

Any parking sensor malfunction is indicated, during reverse gear engagement, by the instrument panel warning light ⚠. The warning light turns on and a message displays on the multifunction display (where provided) (see section "Warning lights and messages").

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OPERATION WITH TRAILER

Parking sensor operation is deactivated automatically when the trailer electric cable plug is fitted into the car tow hook socket.

Sensors are reactivated when removing the trailer cable plug.

The sensor must be clean from mud, dirt, snow or ice in order for the system to work. Be careful not to scratch or damage the sensor while cleaning them. Avoid using dry, rough or hard cloths. Clean the sensors with clean water with the addition of car shampoo if necessary. In washing stations, clean sensors quickly keeping the vapour jet/high pressure washing nozzles at 10 cm at least from the sensors.

GENERAL WARNINGS

❒ When parking, take the utmost care to obstacles that may be set above or under the sensors.

❒ Objects located close to the car, under certain circumstances are not detected and could therefore cause damages to the car or be damaged.

Here are some situations which may influence parking system performance:

❒ A reduced sensibility of the sensor and parking system performance degradation may be due to the presence on the sensor surface of: ice, snow, mud, multiple varnishing

❒ The sensor detects a non-existing object (“echo disturbance”) due to mechanic disturbances, e.g.: car wash, rain (strong winds), hail.

❒ The signals sent by the sensor can be altered by ultrasound systems (e.g.: truck pneumatic brakes or pneumatic hammers) set nearby the car.

❒ The performance of the parking assist system can be influenced by the position of the sensors, e.g. changing the suspension levels (due to shock absorbers wear, suspensions wear) or replacing the tyres, overloading the car, adjusting suspension level to lower the car.

WARNING

The driver is always and only responsible for parking and other dangerous manoeuvres. Make sure that no-one is standing in the area, especially children or animals. Parking sensors are designed to assist drivers: in all cases, you must always pay the utmost attention during potentially dangerous manoeuvres.

SOUND SYSTEM (where provided)

For the operation of the radio with CD/MP3 player (where provided), read the instructions for use given in the supplement attached to the Owner Handbook.

STANDARD EQUIPMENT

The system consists of:

❒ car radio power supply cables;

❒ car radio housing;

❒ front and rear speaker housing.

For speaker installation, contact the Fiat Dealership.

The car radio should be fitted in the specific housing inside the oddment compartment, where the power supply cables are available.

If a car radio is installed after car purchase, refer to the FIAT Dealership for tips to safeguard battery durability. Excessive loadless absorption damages the battery and may void the battery warranty.

SOUND SYSTEM PREARRANGEMENT (where required)

Besides the standard dotation, the car is provided with:

❒ two 165 mm, 40 W mid-woofers on the front doors;

❒ two 38 mm, 30 W tweeters on the front posts;

❒ antenna power supply cable;

❒ front speakers cables;

❒ car radio power supply cables;

❒ antenna on car roof.

CAR RADIO (where provided)

The system consists of:

❒ two 165 mm, 40 W mid-woofers on the front doors;

❒ two 38 mm, 30 W tweeters on the front posts;

❒ two full range 165 mm, 40 W speakers on the rear side panels;

❒ antenna on car roof;

❒ car radio with CD/MP3 player (for specifications and operation, refer to the supplement "Car radio" annexed to this Handbook).

HiFi system prearrangement (where required):

❒ two 165 mm, 60 W mid-woofers;

❒ two 40 W tweeters on the front posts;

❒ two full range, 40 W speakers on the rear side panels;

❒ a 60 W subwoofer under the right front seat;

❒ a 4x30 W amplifier on right rear side panel;

❒ antenna on car roof;

❒ car radio with CD/MP3 player (for specifications and operation, refer to the supplement "Car radio" annexed to this Handbook).

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ACCESSORIES PURCHASED BY THE OWNER

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

ELECTRICAL/ELECTRONIC DEVICE INSTALLATION

Electrical and electronic devices installed after buying the car by after-market service must carry the following label:

e CE

Fiat Auto S.p.A. authorises the installation of transceiving devices provided that they are installed according to rules of good engineering practice respecting the manufacturer's indications by a specialised centre.

IMPORTANT Traffic police may not allow the car on the road in the event of assembly of devices which imply modifications to the features of the car. This may also cause lapse of warranty in relation to faults caused by the change or either directly or indirectly related to it.

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

RADIO TRANSMITTERS AND CELLULAR PHONES

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

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

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

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

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AT THE FILLING STATION

PETROL ENGINES

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

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

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

DIESEL ENGINES

Operation at low temperatures

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

In order to avoid these problems, different types of diesel are distributed according to the season: summer type, winter type and arctic type (cold, mountain areas). If refuelling with diesel fuel whose features are not suitable to the temperature of use, it is advisable to mix TUTELA DIESEL ART additive in the proportions shown on the container with the fuel. Pour the additive into the tank before the fuel.

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

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

For diesel engines, use diesel fuel for motor vehicles compliant with EN590 European specifications only. The use of other products or mixtures may damage the engine beyond repair and consequently cause lapse of warranty in relation to the damage caused. If you accidentally introduce other types of fuel in the tank, do not start the engine and empty the tank. If the engine has run also for a very short time, you will need to have the entire fuel feed system emptied in addition to the tank.

REFILLING

To ensure full fuel tank refilling, perform two topping up after the first stop of the nozzle. Do not top up further; this may cause anomalies in the fuel supply system.

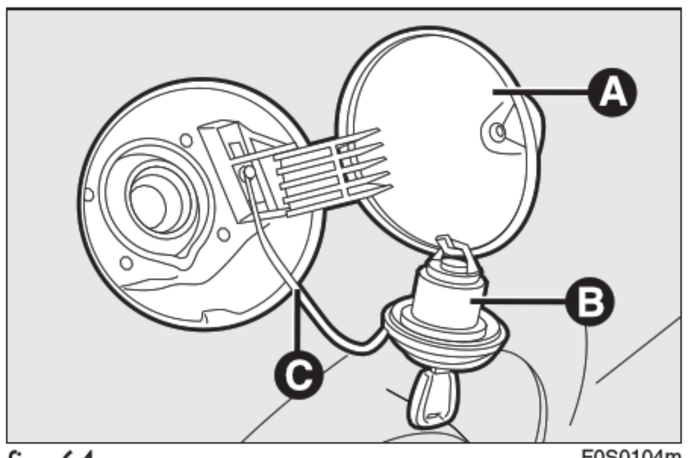


fig. 64 F0S0104m

FUEL FILLER CAP fig. 64

The cap **B** is provided with a loss prevention device **C** which secures it to the lid **A**.

Unscrew cap **B** using the ignition key. The airtight closing may determine a slight increase of pressure in the tank. A suction noise when you release the cap is therefore entirely normal. When refuelling, fasten the cap to the device inside the lid as shown in figure.

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

PROTECTING THE ENVIRONMENT

The devices for curtailing petrol engine emissions are the following:

❒ three-way catalytic converter;

❒ Lambda sensors;

❒ fuel evaporation prevention system.

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

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

❒ oxidising catalytic converter;

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

❒ diesel particulate filter (DPF)

WARNING

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

DIESEL PARTICULATE FILTER (DPF) (for versions 1.3 Multijet 75 CV)

The Diesel Particulate Filter is a mechanical filter, integral with the exhaust system, that physically traps particulates present in the exhaust gases of Diesel engines. The diesel particular filter has been adopted to eliminate almost totally particulates in compliance with current / future law regulations. During normal use of the car, the engine control unit records a set of data (e.g.: travel time, type of route, temperatures, etc.) and it will then calculate the amount of particulates trapped by the filter. Since this filter physically traps particulates, it shall be cleaned (reclaimed) at regular intervals by burning carbon particles. The regeneration procedure is controlled automatically by the engine control unit according to the filter conditions and the conditions of use of the car. During the regeneration procedure, the following situations may occur: limited increase of idle speed, activation of electric fan, limited increase of smoke, high temperatures at the exhaust. These are not anomalies; they do impair car behaviour and the environment. If the dedicated message is displayed, refer to section “Warning lights and messages”.

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SAFETY DEVICES

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SEAT BELTS

USING THE SEAT BELTS fig. 1

Wear the belt keeping the chest straight and rested against the backrest.

To fasten the seat belts, hold the tongue **A** and insert it into the buckle **B**, until hearing the locking click. At removal, if it jams, let it rewind for a short stretch, then pull it out again without jerking.

Press button **C** to release the belt. Accompany the belt while it is being rewound to prevent twisting. Through the reel, the belt automatically adapts to the body of the passenger wearing it, allowing freedom of movement.

WARNING

Never press button C when travelling.

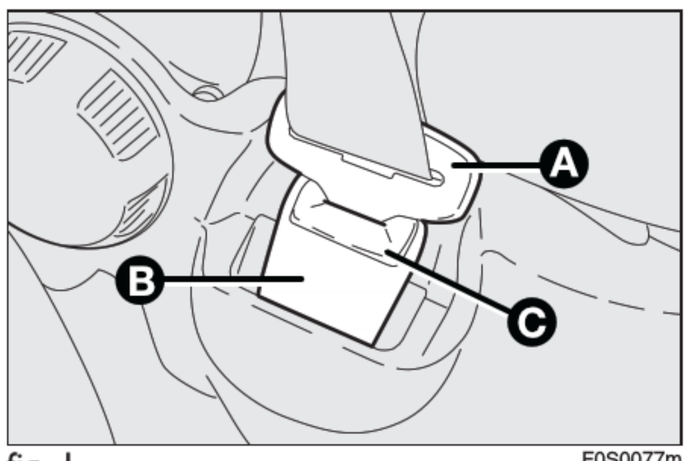


fig. 1 F0S0077m

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

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

WARNING

Remember that, in the event of a violent collision, the passengers of the rear seats who do wear seat belts, besides exposing themselves to a significant danger, represent a danger for the passengers of the front seats.

S.B.R. SYSTEM (where provided)

The car is provided with the S.B.R. (Seat Belt Reminder) system, which warns the driver and the front passenger if the seat belt is not buckled, as follows:

- ❒ warning light turns on steady and continuous activation of the beeper for the first 6 seconds;
- ❒ warning light blinks and intermittent activation of the beeper for the next 96 seconds;

For permanent deactivation, contact Fiat Dealership.

the S.B.R. system CAN also be reset through the set-up menu.

PRETENSIONERS

To increase the efficiency of the seat belts, the car is fitted with front pretensioners. These devices, in the event of a violent crash, rewind the seat belts a few centimetres. In this way they ensure that the seat belt adheres perfectly to the wearer before the restraining action begins. The seat belt locks to indicate that the device has intervened; the seat belt cannot be drawn back up even when guiding it manually.

This car is provided with a second pretensioner (in the sill board area). Its activation is signalled by the shortening of the metallic cable.

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

A small amount of smoke may be produced. This smoke is in no way toxic and presents no fire hazard. The pretensioner does not require any maintenance or greasing. Anything that modifies its original conditions invalidates its efficiency. If due to unusual natural events (floods, seas storm, etc.) the device has been affected by water and mud, it must necessarily be replaced.

WARNING

The pretensioner can only be used once. Go to a Fiat Dealership to have it replaced after is has been deployed. The expiration date is shown on the label on the door edge: refer to the Fiat Dealership when it's time to replace the device.

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

LOAD LIMITERS

To increase passenger's safety, the reels contain a load limiter which allows controlled sag in such a way as to dose the force acting on the chest and shoulders during the belt restraining action in case of front crash.

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

The driver 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 seat belts. Always fasten the seat belts before starting off.

Seat belts must also be used by pregnant women: risk will be significantly reduced for both the expectant mother and the child in the event of an accident. Pregnant women must position the lower part of the belt very low down so that it passes under the abdomen (see **fig. 2**).

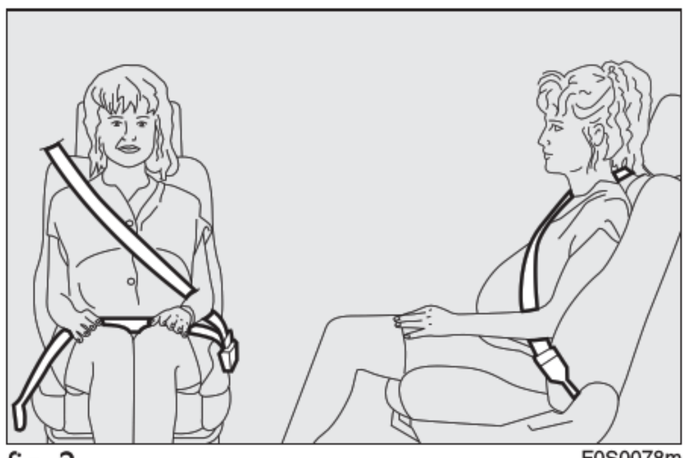


fig. 2 F0S0078m

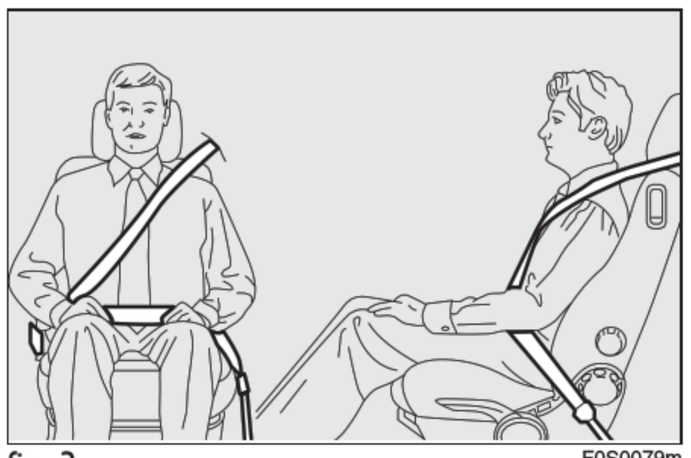


fig. 3 F0S0079m



fig. 4 F0S0080m

WARNING

For maximum safety, keep the back of your seat upright, lean back into it and make sure the seat belt fits closely across your chest and hips. Always fasten the seat belts on both the front and the rear seats. Travelling without seat belts will increase the risk of severe injury and even death in the event of an accident.

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

IMPORTANT The belt must not be twisted. The upper part must cross the shoulder and the chest diagonally. The lower part must fit the hips (as shown in **fig. 3**) rather than the abdomen of the passenger. Do not use devices (clips, etc.) to hold the seat belt away from your body.

IMPORTANT Each seat belt may only be used by a single person: do not carry children on your lap with one seat belt protecting both **fig. 4**. In general, do not place any objects between the person and belt.

WARNING

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

SEAT BELTS MAINTENANCE

Observe the following:

- ❒ always use the belt with the tap taut and never twisted; make sure that it is free to run without impediments;
- ❒ replace the belt after an accident of a certain severity even if it does not appear damaged. Always replace the belt if the pretensioners were deployed.
- ❒ to clean the belt, wash by hand with water and mild soap, rinse and leave to dry in the shade. Do not use strong detergents, bleach, paints or any other substance which could damage the belt fibres;
- ❒ keep the reels dry: correct operation may only be ensured if the reels are dry;
- ❒ replace the seat belt when showing significant wear or cut signs.

CARRYING CHILDREN SAFELY

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

This is even more important for children.

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

A child's head is larger and heavier in proportion to his/her body and the child's muscular and bone structures are not fully developed.

For this reason, they require restraint systems which are different from those used by adults to protect them in the event of an accident.

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

Group 0 - 0-10 kg in weight

Group 0+ - 0-13 kg in weight

Group 1 9-18 kg in weight

Group 2 15-25 kg in weight

Group 3 22 - 36 kg in weight



WARNING

SEVERE DANGER: Do not arrange child seats facing backwards on the front seat if the passenger's airbag is on. Deployment of the airbag in an accident could cause fatal injuries to the baby. It is advisable to carry children on the rear seat, which is the most protected position in the event of an accident. Child seats must not be fitted on the front seat of cars provided with passenger air bag, whose deployment in an accident could cause fatal injuries to the baby. If necessary, children can stay on the front seat, if the passenger's airbag can be disabled. Verify that the airbag is actually deactivated, observing the warning light on the dashboard (see "Front airbag - passenger side" at paragraph "Front airbags"). Move the passenger's seat as far back as possible to avoid contact between the cradle and the dashboard.

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

Over 1.50 m in height, from the point of view of restraint systems, children are considered as adults and wear the seat belts normally. Lineaccessori Fiat includes child restraint systems for each weight group.

These devices are recommended having been specifically designed for Fiat cars.

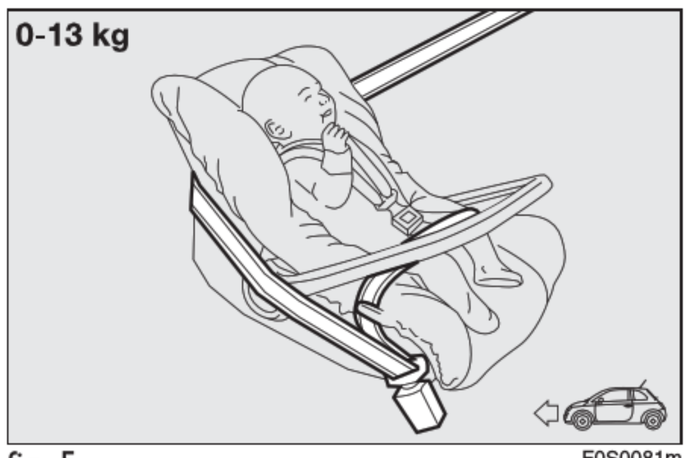


fig. 5 F0S0081m

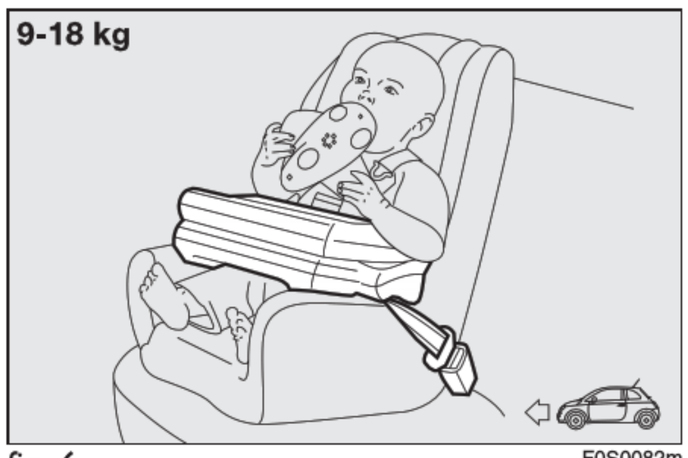


fig. 6 F0S0082m

GROUP 0 and 0+

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

The cradle is restrained by the car seat belts, as shown in **fig. 5** and in turn it must restrain the child with its own belts.

GROUP 1

Starting from 9 kg to 18 kg in weight, children may be carried facing forwards, with seat fitted with front cushion, through which the car seat belt restrains both child and seat **fig. 6**.

WARNING

The figures are indicative for assembly purposes only. Refer to the instructions supplied with the child restraint.

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

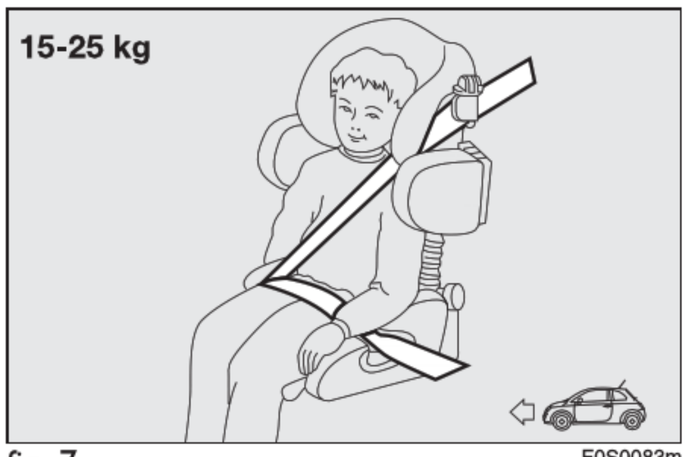


fig. 7 F0S0083m

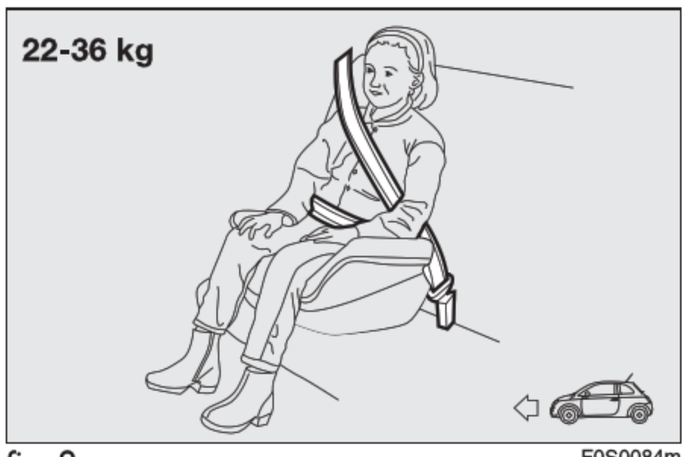


fig. 8 F0S0084m

GROUP 2

Children from 15 to 25 kg may use the car seat belts directly **fig. 7**.

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

WARNING

The figures are indicative for assembly purposes only. Refer to the instructions supplied with the child restraint.

GROUP 3

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

Fig. 8 shows proper child seat positioning on the rear seat.

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

WARNING

The figures are indicative for assembly purposes only. Refer to the instructions supplied with the child restraint.

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PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON CHILD'S SEAT USE

The Fiat 500 complies with the new European Directive 2000/3/EC which governs the arrangement possibilities for child restraints on the various seats of the car as shown in the following table:

Group	Weight ranges	Passenger front	Passenger rear
Group 0, 0+	up to 13 kg	U	U
Group 1	9-18 kg	U	U
Group 2	15-25 kg	U	U
Group 3	22-36 kg	U	U

Key:

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

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

- ❒ Install the child seats on the rear seat, which is the most protected position in the event of an accident.
- ❒ If the passenger's air bag is deactivated, always check the amber warning light on the instrument panel to make sure that it has actually been deactivated.
- ❒ Carefully follow the instructions supplied with the child restraint system which are mandatory by law. Keep the instructions in the car along with the other papers and this handbook. Do not use child seats without instructions.
- ❒ Always check the seat belt is well fastened by pulling the belt.

- ❒ Only one child is to be strapped to each retaining system.
- ❒ Always check the seat belts do not fit around the child's throat.
- ❒ While travelling, do not let the child sit incorrectly or release the belts.
- ❒ Never carry children on your lap, even newborns. No-one can hold a child in the case of an accident.
- ❒ In case of an accident, replace the child's seat with a new one.

WARNING

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

ISOFIX CHILD RESTRAINT ASSEMBLY SETUP

This car is preset for mounting the Universal Isofix child restraint system, a new European standardised system for carrying children safely.

It is possible to mount at the same time both the traditional restraint system and Isofix one. An example of child seat is shown in **fig. 9**. The Universal Isofix child's seat covers weight group: 1. The other weight groups are covered by the specific Isofix child seat, which can be used only if specifically designed, tested and homologated for this car (see car list provided with the child seat).

Due to its different anchoring system, the child's seat shall be anchored to the proper lower metal rings **A-fig. 10**, set between rear seat back and cushion. After removing the rear shelf, secure the upper belt (provided with the child's seat) to ring **B-fig. 11** set between the rear backrest and the boot floor.

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

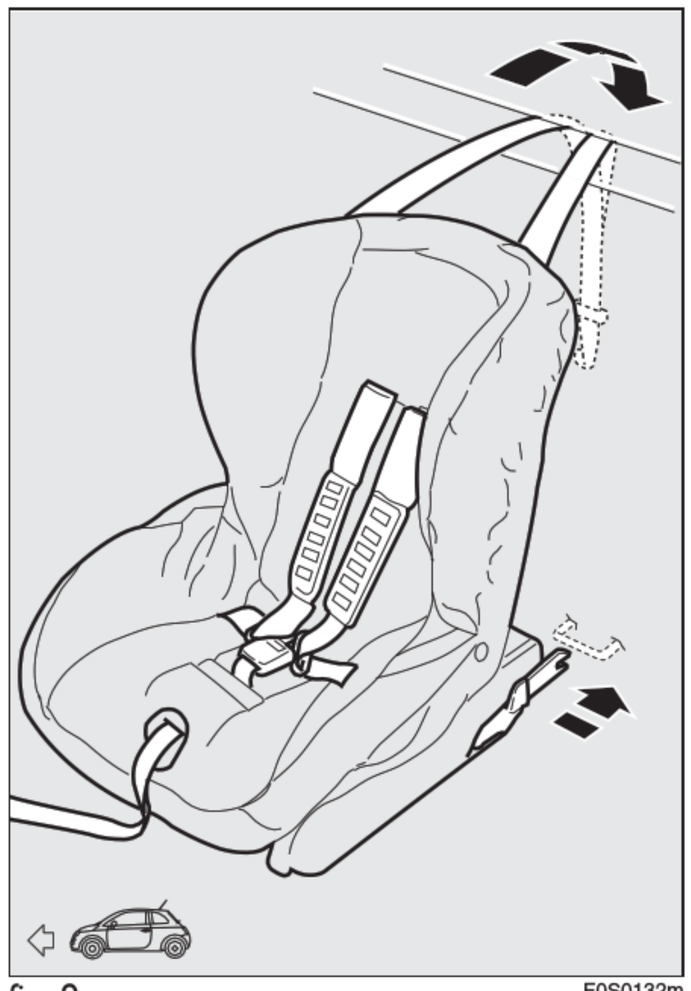


fig. 9 F0S0132m

The Lineaccessori Fiat includes the Universal Isofix "Duo Plus" child seat.

For any further installation/use detail, refer to the "Instructions Manual" of the child seat.

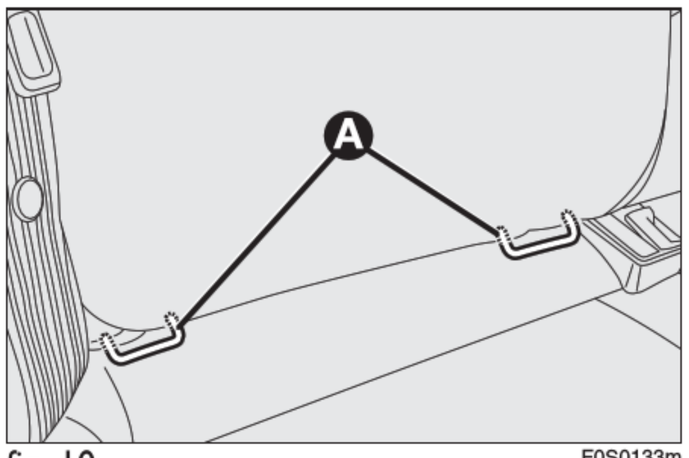


fig. 10 F0S0133m

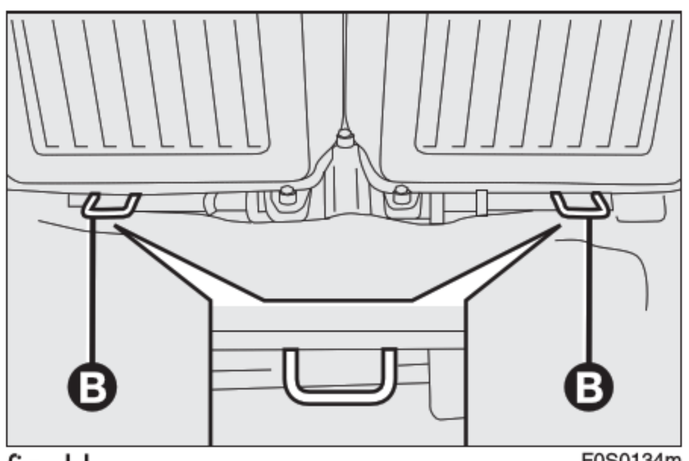


fig. 11 F0S0134m

WARNING

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

PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON UNIVERSAL ISOFIX CHILD'S SEAT USE

The table below, according to ECE 16 European Directive, shows the different installation possibilities of Isofix restraint systems on seats fitted with Universal Isofix fasteners.

Weight group	Orientation child seat	Class Isofix size	Isofix position rear side
Group 0 - 0 to 10 kg	Facing backwards	E	X
Group 0+ - 0 to 13 kg	Facing backwards	E	X
	Facing backwards	D	X
	Facing backwards	C	X
Group 1 to 9 up to 18 kg	Facing backwards	D	X
	Facing backwards	C	X
	Facing forwards	B	IUF
	Facing forwards	B1	IUF
	Facing forwards	A	X

IUF: suitable for Isofix child restraining systems facing forwards, of universal class (provided with top third attachment), approved for use in the weight group.

IL: suitable for selected Isofix child restraining systems, specific and approved for this kind of car. It is possible to fit the seat moving the front seat forward.

X: Isofix position not suitable for Isofix child restraining systems in this weight group and/or size class.

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AIRBAGS

The car is provided with front air bags for the driver and the passenger, driver's knees air bag and side bags - window bags.

FRONT AIRBAGS

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

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

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

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

The front airbags (driver's, passenger's, driver's knees air bags) are not a replacement of but complementary to the belts, which you are recommended to always wear, as specified by law in Europe and most non-European countries.

In the event of a collision, a person not wearing a seat belt may be thrown forward and come into contact with the bag before it has fully opened. The protection offered by the cushion is reduced in such a case.

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

- ❒ in collisions against highly deformable objects not affecting the car front surface (e.g. bumper collision against guard rail, etc.);
- ❒ car penetration under other vehicles or protective barriers (e.g. trucks or guard rails);

they could not provide any additional protection compared with seat belts, so their activation would be improper. No deployment in such cases is consequently not the sign of a fault.

WARNING

Do not apply stickers or other objects on the steering wheel, on the dashboard in the passenger side airbag area, on side upholstery on roof and on the seats. Do not place objects (e.g. cell phones) on the passenger side dashboard because these could interfere with the correct opening of the airbag and cause severe injury to occupants.

The front airbags (driver's, passenger's, driver's knees air bags) are designed and calibrated to protect the front seat passengers who wear the safety belts.

Their volume at the moment of maximum inflation fills most space between the steering wheel and the driver, between the lower post guard and the knees on passenger side and between the dashboard and the passenger.

The airbags are not deployed in the event of front collisions of low severity (for which the withholding action of the seat belts is sufficient). Safety belts must always be used. In the event of frontal crash they ensure the correct positioning of the occupant.

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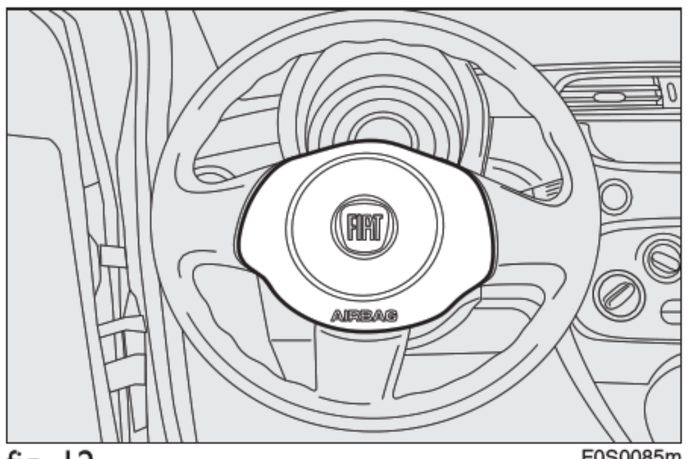


fig. 12 F0S0085m

DRIVER'S FRONT AIR BAG fig. 12

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

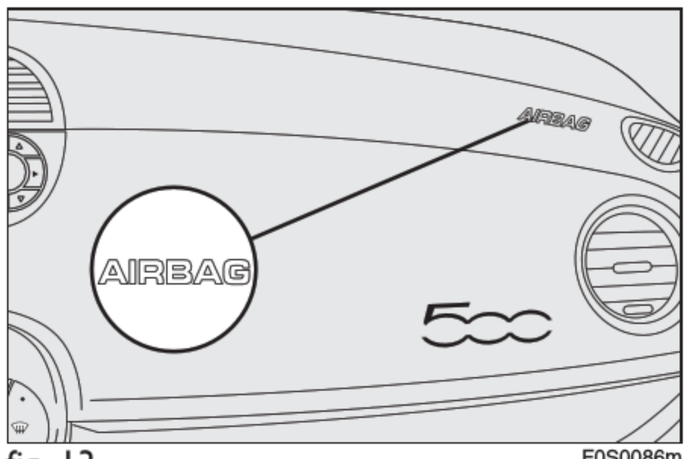


fig. 13 F0S0086m

PASSENGER'S FRONT AIR BAG fig. 13

It consists of an instant-inflating cushion contained into a special recess in the dashboard, this cushion has a volume bigger than that of the driver.

WARNING

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

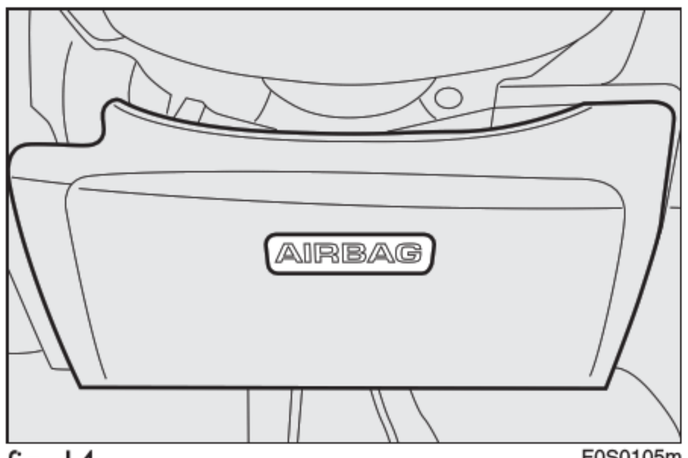


fig. 14 F0S0105m

DRIVER'S KNEES AIR BAG (where provided) fig. 14

It consists of an instant-inflating cushion housed into a special compartment provided for the purpose under the lower post guard at driver's knees level, designed to give further protection in the event of frontal crash.

MANUAL DEACTIVATION OF PASSENGER'S FRONT AIR BAG AND SIDE BAG (where provided)

Should it be absolutely necessary to carry a child on the front seat, the passenger's front air bag and the Side Bag (where provided) can be deactivated.

The instrument panel warning light will stay on glowing steadily until reactivating the passenger's front air bag and the Side Bag (where provided).

WARNING To deactivate the passenger's front air bag and the Side Bag (where provided), refer to paragraphs "Digital display" and "Multifunctional display" in section "Your car".

SIDE BAGS - WINDOW BAGS (where provided)

SIDE BAG fig. 15

It consists of an instant-inflating cushion housed in the front seat backrest. It protects the chest and the hips of the passengers in the event of side crash of medium-high severity.

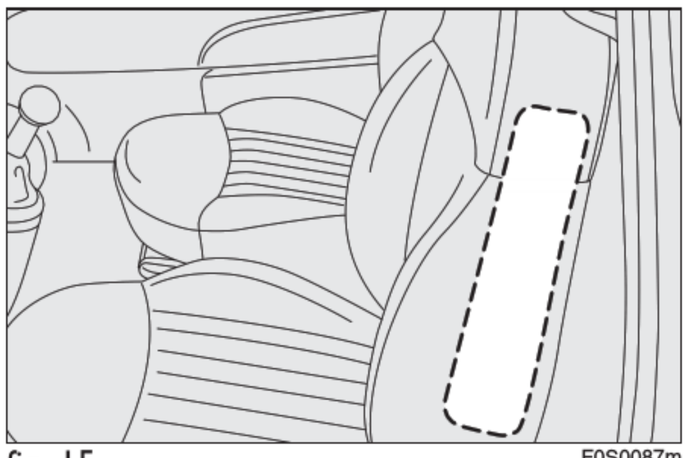


fig. 15 F0S0087m



fig. 16 F0S0106m

WINDOW BAGS fig. 16

They consist of two "curtain" cushions housed behind the side upholstery of the roof and covered by specific finishing to protect the head of the front passengers in the event of side crash, thanks to their wide surface.

IMPORTANT The best protection in the event of side crash is achieved maintaining a correct position on the seat. This allows the correct deployment of the window bag.

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

IMPORTANT A small amount of dust will be released when the airbags are deployed. The dust is not harmful and does not indicate the beginning of a fire. Furthermore, the surface of the deployed bag and the interior of the car may be covered in a dusty residue: this dust may irritate the skin and the eyes. Wash with mild soap and water in the event of exposure. The expiration date of the explosive charge and the clock wire are shown on a specific label on the door edge. Refer to the Fiat Dealership when it's time to replace them.

IMPORTANT If any safety device has activated due to an accident, refer to the Fiat Dealership to replace them and check system integrity.

Every control, repair and replacement operations concerning the air bags must only be carried out c/o Fiat Dealership. If you are having the car scrapped, have the air bag system deactivated at a Fiat Dealership first. If the car changes ownership, the new owner must be informed of the method of use of air bags and the above warnings and also be given this "Owner Handbook".

IMPORTANT Pretensioners, front airbags and side bags are deployed according to different logics on the basis of the type of collision. Non deployment of one of the devices does not therefore indicate a system fault.

WARNING

Do not rest the head, the arms or the elbows on the door, on the windows and on the window bag area to avoid injuries during inflation.

Never lean head, arms and elbows out of window.

GENERAL WARNINGS

WARNING

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

WARNING

Do not cover the front seat backrest with covers if a Side-bag is fitted.

WARNING

Do not travel with objects in your lap, in front of your chest, or keeping between your lips pipes, pencils, etc.. In the event of crash with airbag activation, you may be seriously injured.

WARNING

Always drive keeping your hands on the steering wheel crown so that, in the event of airbag activation, it can inflate without finding obstacles. Do not drive with your body bent forward. Keep the backrest in straight position, resting correctly your back on it.

WARNING

It someone tried to steal or damage your car, and in the event of floods, have the air bag system checked by the Fiat Dealership.

WARNING

With ignition key inserted, on MAR, even if the engine is off, the air bags can activate also with the car stopped, if it is hit by another vehicle. For this reason, children must never sit on the front seat, even if the car is not moving. We remind you that if the key is inserted on STOP, no safety device (air bag or pretensioner) activates following a collision; no deployment in such cases is consequently not the sign of a fault.

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WARNING

Rotating the key on MAR, the warning light turns on, blinking for a few seconds, to remind that the passenger air bag will activate in the event of a collision, then it turns off.

WARNING

Front air bag activation if foreseen in case of more severe collisions compared with pretensioner activation. For collisions in the range between the two activation thresholds, the fact that only the pretensioners activate is normal.

WARNING

The air bag does not replace the safety belts, it increases their effectiveness. Furthermore, since front airbags are not deployed in low speed collisions, side collisions, rear-end shunts or roll-overs, the occupants are only protected by the seat belts which must be fastened at all times.

WARNING

Do not wash the seats with pressurized water or steam (manually or at the automatic washing stations).

WARNING

Do not hook rigid objects to cloth hangers and to the support handles.

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CORRECT USE OF THE CAR

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STARTING THE ENGINE

The car is provided with an electronic engine lock device: refer to "The Fiat CODE system" paragraph in "Your car" if you cannot start the engine.

The engine may be noisier during the first seconds of operation, particularly after a long period of inactivity. This does not impair functionality and reliability and is typical of hydraulic tappets: the distribution system selected for the petrol engines of your car in order to limit the maintenance required.

In the first period of use, we recommend to avoid excessive stress for the car (for instance excessive accelerations, extended travel at maximum speed, sudden braking etc.).

With engine off, do not leave the key in the ignition switch on MAR to prevent draining the battery.

WARNING

It is dangerous to have the engine running in closed environments. The engine depletes the oxygen and discharges carbon dioxide, carbon monoxide and other toxic gases.

WARNING

Remember that the servobrake and electric power steering are not operational until the engine has been started, therefore more effort than usual is required on the brake pedal and steering wheel.

STARTING PROCEDURE FOR PETROL VERSIONS

Proceed as follows:

- ensure that the handbrake is up;
- put the gear lever into neutral;
- press the clutch pedal down to the floor without touching the accelerator;
- turn the ignition key to **AVV** and let it go the moment the engine starts.

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

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

If you still cannot start the engine contact the Fiat Dealership.

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PROCEDURE FOR DIESEL VERSIONS

Proceed as follows:

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

Release the key as soon as the engine starts.

IMPORTANT When the engine is cold, rotating the ignition key to **AVV**, the accelerator pedal must be completely released.

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

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

Contact the Fiat Dealership if you still cannot start the engine.

Warning light will blink for 60 seconds after starting or during prolonged cranking to indicate a fault to the glow plug heating system. Use the car normally if the engine starts and contact the Fiat Dealership as soon as possible.

HOW TO WARM UP THE ENGINE AFTER IT HAS JUST STARTED

Proceed as follows:

- drive off slowly, letting the engine turn at medium speed. Do not accelerate abruptly;
- do not demand maximum performance for the first few kilometres. Wait until the engine coolant temperature gauge starts moving.

Never jump start the engine by pushing, towing or driving downhill. This could cause a flow of fuel into the catalytic converter and damage it beyond repair.

STOPPING THE ENGINE

Turn the ignition to **STOP** while the engine is idling.

IMPORTANT After a taxing drive, you should allow the engine to "catch its breath" before turning it off by letting it idle to allow the temperature in the engine compartment to fall.

A quick burst on the accelerator before turning off the engine serves absolutely no practical purpose, it wastes fuel and is damaging especially to turbocharged engines.

HANDBRAKE

The handbrake lever is located between the two front seats.

Pull the lever upwards to operate the handbrake.

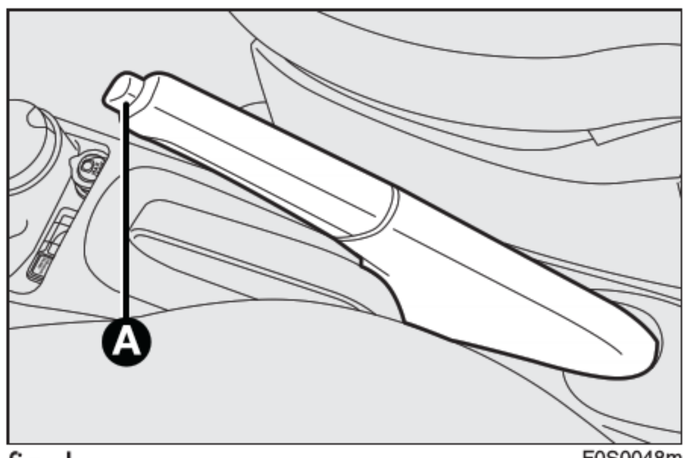


fig. I F0S0048m

WARNING

The car must be braked after a few snaps of the lever, otherwise, contact the Fiat Dealership for regulation.

When the handbrake lever is pulled up and the ignition key is on **MAR**, the instrument panel warning light (!) will turn on.

Proceed as follows to release the handbrake:

- ❒ slightly lift the handbrake and press release button **A-fig. I**;
- ❒ hold button **A** pressed and lower the lever. Warning light (!) on the instrument panel will go out.

Press the brake pedal when carrying out this operation to prevent the car from moving accidentally.

PARKING THE CAR

Proceed as follows:

- ❒ stop the engine and engage the handbrake;
- ❒ engage a gear (on a slope, engage first gear if the car is faced uphill or reverse if it is faced downhill) and leave the wheels steered.

If the car is parked on a steep slope, it is further advisable to block the wheels with a wedge or stone.

Do not leave the ignition key on **MAR** to prevent draining the battery. Always remove the key when you leave the car.

Never leave children unattended in the car. Always remove the ignition key when leaving the car and take it out with you.

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USING THE MANUAL GEARBOX

To engage the gears, press the clutch pedal fully and shift the gear lever into one of the required positions (the diagram is shown on the knob **fig. 2**).

For cars provided with 6 gear gearbox, to engage the sixth gear, operate the lever with a pressure toward the right to avoid involuntary engagement of fourth gear. Same action to pass from sixth to fifth gear.

IMPORTANT Reverse may only be engaged when the car is at a standstill. 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.

To engage reverse **R** from neutral, raise ring **A** under the knob and at the same time move the gearshift lever rightwards and then backward.

IMPORTANT The clutch pedal must be used for gear shift only. Never drive with the foot resting, even if slightly, on the clutch pedal. For versions / markets where applicable, the clutch pedal control electronics can intervene interpreting the wrong drive style as a fault

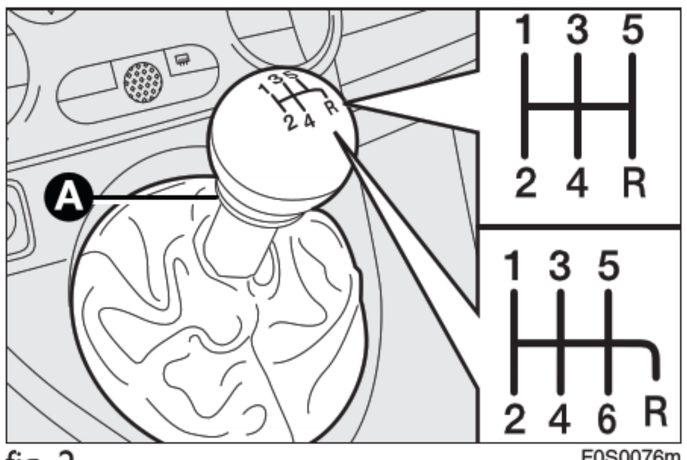


fig. 2 F0S0076m

WARNING

Press the clutch pedal fully to change gears correctly. For this reason, there must be no obstacles on the floor under the pedals: ensure that rubber mats (if any) are correctly positioned, not interfering with the pedals.

Do not drive with the hand resting on the gear lever, because this pressure, even if light, over time can wear gear inner components.

CONTAINING RUNNING COSTS

Here are some useful tips to save fuel and minimize polluting emissions of CO_2 and other pollutants (nitric oxide, unburnt hydrocarbons, fine dusts etc…).

GENERAL CONSIDERATIONS

Car maintenance

Have checks and adjustments carried out in accordance with the "Service schedule".

Tyres

Check tyre pressure regularly at least once every four weeks: excessively low pressure will increase consumption because rolling resistance will be higher.

Unnecessary loads

Do not travel with an overloaded boot. Do not travel with too much luggage stowed in the boot. The weight of the car (especially when driving in town) and its trim greatly affect consumption and stability.

Accessories fitted on longitudinal bars

If not used, remove from the roof accessories such as: longitudinal bars, ski rack, luggage rack, etc. These accessories decrease aerodynamic penetration of the car and have a negative effect on consumption. It is better to use a trailer to transport particularly bulky objects.

Electric devices

Use electric devices only for the amount of time needed. Rear heated window, additional headlights, windscreen wipers and heater fan need a considerable amount of energy, therefore increasing the requirement of current increases fuel consumption (up to +25% in the urban cycle).

Climate control

The climate control system leads to higher fuel consumption (up to +20% on average): use air vents only when the external temperature allows to.

Spoilers

The use of non-certified aerodynamic items may adversely affect air drag and consumption levels.

DRIVING STYLE

Starting

Do not warm the engine up with the car standing: the engine warms up very slowly in these conditions, increasing consumption and emissions. It is advisable to start off immediately and slowly keeping the engine speed down: the engine will warm up much faster this way.

Unnecessary actions

Avoid revving up when starting at traffic lights or before stopping the engine. The latter action, like doubling the clutch, is unnecessary and causes increase of 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 an engine wear.

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Top speed

Fuel consumption considerably increases as speed increases. Keep your speed as even as possible, avoiding unnecessary braking and acceleration which cause excessive fuel consumption and increase emissions.

Acceleration

Sudden acceleration has a very negative effect on consumptions 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 consumption is caused by heavy traffic, for instance when travelling in a queue with frequent use of low gears or in cities with many traffic lights. Mountain and rough roads also have a negative effect on consumption.

Traffic hold-ups

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

TOWING TRAILERS

IMPORTANT NOTES

The car must be provided with a type-approved tow hitch and adequate electrical system to tow caravans or trailers. Installation must be performed by specialised personnel who will issue the required papers for travelling on roads.

Install any specific and/or additional rear-view mirrors as specified by law.

Remember that when towing a trailer, steep hills are harder to climb, the braking spaces increase and overtaking takes longer depending on the overall weight of the trailer.

When driving downhill engage a low gear, rather than constantly using the brake.

The weight of the trailer on the car tow hook reduces of the same value the load capacity of the car. Consider the weight of the car at full load, including accessories and luggage to make sure you do not exceed the maximum towable weight (shown on the registration certificate).

Respect the speed limits specific for each country for vehicles towing trailers. In all cases, the top speed must not exceed 100 km/h.

WARNING

The ABS with which the car may be equipped will not control the braking system of the trailer. Take specific care when travelling on slippery roads.

WARNING

Never modify the braking system of the car to control the trailer brake. The trailer braking system must be fully independent from the hydraulic system of the car.

SNOW TYRES

Use snow tyres of the same size as the normal tyres provided with the car.

Fiat Dealership will be happy to provide advice concerning the most suitable type of tyre for the customer's requirements.

For the type of tyre to be used, inflation pressures and the specifications of snow tyres, follow the instructions given in paragraph "Wheels" in section "Technical specifications".

The performance of these tyres is considerably reduced when the tread thickness is less than 4 mm. Replace them in this case.

Due to their specific features, the performance of snow tyres is much lower than that of normal types in normal conditions or long motorway stretches. Limit performance according to the use for which they were approved.

IMPORTANT When snow tyres are used with a max speed index below the one that can be reached by the car (increased by 5%), place a notice in the passenger's compartment, plainly in the driver's view which states the max permissible speed of the snow tyres (as per EC Directive).

All four tyres should be the same (brand and track) to ensure greater safety when driving and braking and better driveability.

Remember that it is inappropriate to change the direction of rotation of tyres.

WARNING

Snow tyre maximum speed with "Q" mark must not exceed 160 km/h, respecting however the applicable rules of the Highway Code.

SNOW CHAINS

Use of snow chains should be in compliance with local regulations.

The snow chains may be applied only onto the front wheel tyres (drive wheels).

Check the tension of the chains after the first few metres have been driven.

IMPORTANT The spare wheel cannot be fitted with snow chains. If the front tyre has a puncture, replace a rear wheel with the spare wheel and move the rear wheel to the front axle. This way, having two standard size wheels on the front axle, is it possible to fit the chains.



Keep your speed down when snow chains are fitted. Do not exceed 50 km/h. Avoid potholes, steps and pavements and avoid also to drive for long distances on roads not covered with snow to prevent damaging the car and the roadbed.

EXTENDED CAR INACTIVITY

If the car is to be left inactive for longer than a month, the following precautions should be noted:

- ❒ park the car in covered, dry and if possible well-ventilated premises;
- ❒ engage a gear;
- ❒ check that the handbrake is not engaged;
- ❒ disconnect battery negative terminal and check charge (see paragraph "Battery - Charge and electrolyte level check" in chapter "Maintenance and care")
- ❒ clean and protect the painted parts using protective wax;

- ❒ clean and protect the shiny metal parts using special compounds readily available;
- ❒ sprinkle talcum powder on the rubber windscreen and rear window wiper blades and lift them off the glass;
- ❒ slightly open the windows;
- ❒ cover the car with a fabric or perforated plastic sheet. Do not use compact plastic sheets which do not allow humidity to evaporate from the surface of the car.
- ❒ inflate tyres to +0.5 bar above the normal specified pressure and check it at intervals;
- ❒ do not drain the engine cooling system.

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WARNING LIGHTS AND MESSAGES

GENERAL WARNINGS

Lighting of a warning light is associated to a specific message and/or buzzer when applicable. These indications are **brief and precautionary** and as such must not be considered as exhaustive and/or alternative to the information contained in the Owner's Handbook, which you are recommended to read carefully in all cases. **Refer to the information in this chapter** in the event of a failure indication.

IMPORTANT Failure indications on the display fall into either of two categories: **serious** faults and **less serious** faults.

Serious failures are indicated by a repeated and prolonged warning "cycle".

Less serious failures are indicated by a limited warning "cycle".

Press **MODE** to stop the warning cycle in both cases. The warning light on the instrument panel will stay on until the cause of the fault is eliminated.

LOW BRAKE FLUID LEVEL (red)

HANDBRAKE ON (red)

Turning the ignition key to **MAR** the warning light turns on, but it should go off after a few seconds.

Low brake fluid level

The warning light turns on when the level of the brake fluid in the reservoir falls below the minimum level, due to possible leak in the circuit.

On certain versions the dedicated message is displayed.

WARNING

If the warning light turns on when travelling (on certain versions together with the message on the display) stop the car immediately and contact Fiat Dealership.

Handbrake on

The warning light turns on when the handbrake is on.

On certain versions, if the car is moving the buzzer will also sound.

IMPORTANT If the warning light turns on when travelling, check that the handbrake is not engaged.

AIR BAG FAILURE (red)

Turning the ignition key to **MAR** the warning light turns on, but it should go off after a few seconds.

The warning light stays on glowing steadily if there is a failure in the air bag system.

On certain versions the dedicated message is displayed.

WARNING

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

WARNING

The failure of the warning light (warning light off) is indicated by intermittent blinking of the warning light that signals front passenger airbag deactivated.

FRONT PASSENGER AIRBAG DEACTIVATED (amber)

Warning light comes on when front passenger's airbag is deactivated.

With front passenger's airbag on, turning the ignition key to **MAR**, warning light comes on steadily for about 4 seconds, it flashes for other 4 seconds and then it shall go off.

WARNING

Warning light indicates failure of warning light . This condition is indicated by intermittent blinking of warning light for longer than 4 seconds. In this case, warning light may not indicate fault to the system. Contact Fiat Dealership immediately to have the system checked before driving off.

HOT ENGINE COOLANT (red)

Turning the ignition key to **MAR** the warning light turns on, but it should go off after a few seconds.

The warning light turns on when the engine is overheated.

If the warning light comes on, proceed as follows:

- **during normal travel**: stop the car, stop the engine and check that the water level in the vessel is not under the MIN line. In this case, wait for a few minutes for the engine to cool down, then slowly and carefully open the cap, top-up with coolant and check that the level is between the MIN and MAX references on the vessel itself. Also check for leakages. Should the warning light turn on again at the next start-up, contact Fiat Dealership.

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❒ **If the vehicle is used under severe conditions**(e.g. towing of trailers uphill or fully loaded vehicle): slow down and stop the car if the warning light stays on. Stand for 2 or 3 minutes with the engine running and slightly accelerated to ease a better circulation of coolant. Then stop the engine. Check correct liquid level as described above.

IMPORTANT Under severe use of the car, keep the engine on and slightly accelerated for a few minutes before switching it off.

On certain versions the dedicated message is displayed.

LOW BATTERY CHARGE (red)

Turning the ignition key to **MAR** the warning light turns on, but it should go out as soon as the engine is started (with the engine running at idle speed a brief delay in going out is allowed).

If the warning light stays on glowing steadily or flashing: contact immediately Fiat Dealership.

ABS SYSTEM FAILURE (amber)

Turning the ignition key to **MAR** the warning light turns on, but it should go off after a few seconds.

The warning light will light up when the system is either not working or not available. In the case, the braking system will work as normal without the extra potentials offered by the ABS system. Drive carefully and go to a Fiat Dealership as soon as possible.

On certain versions the dedicated message is displayed.

EBD FAILURE (red) (amber)

Warning lights and lit at the same time with the engine running indicates an EBD system failure or that the system is not available. Early locking of the rear wheels may occur in the event of violent braking causing the car to swerve. Drive very carefully to a Fiat Dealership to have the system inspected.

On certain versions the dedicated message is displayed.

LOW ENGINE OIL PRESSURE (red)

EXHAUSTED OIL (Multijet versions with DPF - red)

Low engine oil pressure

Turning the ignition key to **MAR** the warning light turns on, but it should go out as soon as the engine is started.

On certain versions the dedicated message is displayed.

WARNING

If the warning light turns on when the car is travelling (on certain versions together with the message on the display) stop the engine immediately and contact a Fiat Dealership.

Exhausted oil

The warning light with turn on flashing together with the message on the display when the system detects that the engine oil is exhausted. After the first indication, at each engine starting the warning light will go on flashing for about 60 seconds and then every 2 hours until oil is changed.

WARNING

If warning light flashes, contact Fiat Dealership as soon as possible to have oil changed and instrument panel warning light turned off.

"DUALDRIVE" ELECTRIC POWER STEERING FAILURE (red)

Turning the ignition key to **MAR** the warning light turns on, but it should go off after a few seconds.

If the warning light stays on, you will not have the steering assistance and the effort on the steering wheel will be increased, steering is however possible: go to a Fiat Dealership.

On certain versions the dedicated message is displayed.

INCOMPLETE DOOR LOCKING (red)

On certain versions the warning light turns on when one or more doors or the tailgate are not properly shut.

On certain versions the dedicated message is displayed.

When doors are open and the vehicle is running, a beep is emitted (only for versions with reconfigurable multifunction display).

EOBD/INJECTION SYSTEM FAILURE (amber yellow)

Under normal conditions, when the ignition key is turned to **MAR**, the warning light comes on, but should go off as soon as the engine is started.

If the warning light remains on or comes on whilst driving, this means that the injection system is not working properly; in particular, if the warning light comes 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 consumption.

On certain versions the dedicated message is displayed.

In these conditions, the vehicle can continue travelling at moderate speed without demanding excessive effort from the engine. The prolonged use of the car with the warning light on constantly could cause damage so it is advisable to go to a Fiat Dealership as soon as possible.

The warning light goes out if the malfunction disappears, but the system still memorizes the problem.

Petrol engines only

Warning light turning on flashing indicates the possibility of damage to the catalyst.

If the light flashes, release the accelerator pedal to lower the speed of the engine until the warning light stops flashing; continue the journey at moderate speed, trying to avoid driving conditions that may cause further flashing and contact Fiat Dealership as soon as possible.



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

PARTICULATE TRAP CLOGGED (versions 1.3 Multijet 75 CV - amber)

Turning the ignition key to **MAR** the warning light turns on, but it should go off after a few seconds.

The warning light turns on when the particulate trap is clogged and the driving profile does not allow the automatic activation of the regeneration procedure.

To enable regeneration and clean the filter, we recommend to keep travelling until the warning light turns off.

The display will show the dedicated message.



FUEL RESERVE (amber)

Turning the ignition key to **MAR** the warning light turns on, but it should go off after a few seconds.

The warning light turns on when about 5 litres of fuel are left in the tank.

IMPORTANT The warning light will blink to indicate a system failure. Go to a Fiat Dealership to have the system checked.



GLOW PLUG HEATING (Multijet versions - amber)

GLOW PLUG HEATING FAILURE (Multijet versions - amber)

Glow plug warming

The warning light will go on when the key is turned to **MAR**. It will go out as soon as the glow plugs have reached a predetermined temperature. Start the engine as soon as the warning light goes out.

IMPORTANT With hot ambient temperature, warning light stays on for a very short time.

Glow plug warming failure

The warning light will blink in the event of a failure to the glow plug heating system. Go to a Fiat Dealership as soon as possible.

On certain versions the dedicated message is displayed.

WATER IN DIESEL FUEL FILTER (Multijet versions - amber)

Turning the ignition key to **MAR** the warning light turns on, but it should go off after a few seconds.

The warning light turns on when there is water in the diesel fuel filter. On certain versions warning light ⚠ turns on as an alternative.

On certain versions the dedicated message is displayed.

The presence of water in the feeding circuit may cause severe damage to the injection system and irregular engine operation. If warning light lights up (on some versions the warning light ⚠. along with the message), go to a Fiat Dealership as soon as possible to have the system bled. Water may have been introduced in the tank if this appears immediately after refuelling: in this case, stop the engine immediately and contact a Fiat Dealership.

CAR PROTECTION SYSTEM FAILURE - FIAT CODE (amber)

If with the ignition key at **MAR**, the warning light stays on, this indicates a possible failure (see "Fiat Code system" in section "Your car").

IMPORTANT Warning lights and will come on at the same time to indicate a Fiat CODE system failure.

If with the engine running the warning light flashes, this means that the car is not protected by the engine inhibitor device (see "Fiat Code system" in section "Your car").

Contact Fiat Dealership to have all the key stored.

REAR FOG LIGHTS (amber)

The warning light comes on when the rear fog lights are turned on.

GENERIC FAILURE INDICATION (amber)

The warning light turns on in the following circumstances.

Engine oil pressure sensor failure

The warning light turns on when failure is detected in parking sensors. Go to a Fiat Dealership to have the fault fixed as soon as possible.

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Water in diesel fuel filter

See what we wrote above about warning light.

Fuel cut-off inertial switch intervention/fuel cut-off not available

The warning light turns on when the fuel cut-off inertial switch intervenes or when the fuel cut-off system is not available.

The display will show the dedicated message.

External lights failure

The warning light comes on when an external light failure is detected.

Parking sensor failure

The warning light turns on and the message is shown on the display when a parking sensor fault is detected Contact Fiat Dealership.

ESP SYSTEM FAILURE/ HILL HOLDER FAILURE (amber)

ESP system failure

Turning the ignition key to **MAR** the warning light turns on, but it should go off after a few seconds.

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

The display will show the dedicated message.

Note Warning light flashing when driving indicates that the ESP system is active.

Hill Holder failure

Turning the ignition key to **MAR** the warning light turns on, but it should go off after a few seconds.

The warning light turns on to indicate a Hill holder system failure. In this case, contact Fiat Dealership as soon as possible.

The display will show the dedicated message.

SIDE/TAILLIGHTS AND LOW BEAMS (green)

FOLLOW ME HOME (green)

Side/taillights and low beams

The warning light turns on when side/taillights or low beams are turned on.

Follow me home

The warning light will turn on when this device is active (see "Follow me home" in section "Your car").

The display will show the dedicated message.

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FRONT FOG LIGHTS (green)

The warning light turns on when the front fog lights are turned on.

LEFT-HAND DIRECTION INDICATOR (green - intermittent)

The warning light turns on when the direction indicator control lever is moved downwards or, together with the right indicator, when the hazard warning light button is pressed.

RIGHT-HAND DIRECTION INDICATOR (green - intermittent)

The warning light turns on when the direction indicator control lever is moved upwards or, together with the left indicator, when the hazard warning light button is pressed.

"DUALDRIVE" ELECTRIC POWER STEERING SYSTEM ACTIVATION

The CITY indication appears on the multifunctional display/reconfigurable multifunctional display when the "Dualdrive" electric power steering system is activated by pressing the relevant control button. Pressing the button again the CITY indication goes off.

MAIN BEAMS (blue)

The warning light turns on when the main beams are turned on.

POSSIBLE ICE ON ROAD

This indication starts flashing when the outside temperature reaches or falls below 3°C to warn the driver of the possible presence of ice on the road.

The display will show the dedicated message.

SPEED LIMIT EXCEEDED

The display will show the dedicated message when the car exceeds the set speed limit (see "Reconfigurable Multifunction Display" in section "Your car").

LIMITED RANGE (versions with reconfigurable multifunctional display)

The display will show the dedicated message to warn the driver that the cruising range is less than 50 km.

ASR SYSTEM (versions with reconfigurable multifunctional display)

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

When an event occurs, a dedicated message can appear on the display to inform the driver that the system has been switched off. The LED on the button will light up at the same time.

Pressing again button **ASR OFF** the button led will turn off and the display will provide the dedicated message to warn the driver that the system is on again.

AUTOMATIC GEARBOX FAILURE/ AUTOMATIC GEARBOX OIL MAXIMUM TEMPERATURE (red)

Automatic gearbox failure

Turning the ignition key to **MAR** the warning light on the dial turns on, but it should go off after a few seconds.

The warning light on the dial comes on blinking (along with the display of the message and a buzzer) when a gearbox failure is detected.



In case of a gearbox failure contact Fiat Dealership for a system check.

Automatic gearbox oil maximum temperature

The warning light on the dial comes on either steady or blinking (along with the display of the message and a buzzer) to indicate that the automatic gearbox oil temperature is too high.

BRAKE PAD WEAR (amber)

The warning light on the dial turns on (and the message appears on the display) if the front brake pads are worn; in this case have them changed as soon as possible.

SPORT FUNCTION ACTIVATION (Versions 1.4 100 CV)

The SPORT indication appears on the multifunctional display/reconfigurable multifunctional display when the relevant function is activated by pressing the relevant control button. Pressing the button again the SPORT indication goes off.

SEAT BELTS NOT FASTENED (red)

The warning light on the display will light up when the car is moving and the driver's seat belt is not correctly fastened. The warning light will go on, and a steady beep will be emitted for the first 6 seconds when front seatbelts are not properly fastened and the vehicle is running; for the next 96 seconds the warning light will continue blinking and the beep will become intermittent. The buzzer of the S.B.R. (Seat Belt Reminder) system may only be switched off by a Fiat Dealership. The system can be reactivated from the set-up menu. The display will show the dedicated message.

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IN AN EMERGENCY

In an emergency we recommend that you call the toll-free number found on the Warranty Booklet. You can also connect to the site www.fiat500.com to search for the nearest Fiat Dealership point

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ENGINE STARTING

If the instrument panel warning light turns on glowing steadily, contact immediately Fiat Dealership.

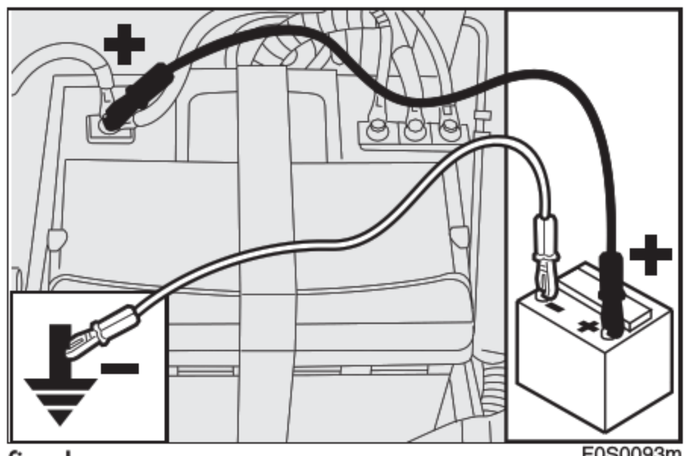


fig. 1 F0S0093m

JUMP STARTING fig. 1

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.

Never use a quick battery charger for the emergency start: this might damage the electronic system and the engine start/supply control units.

WARNING

This procedure must be performed by expert personnel because incorrect actions may cause electrical discharge of considerable intensity. Furthermore, battery fluid is poisonous and corrosive: avoid contact with your skin and eyes. Keep naked flames away from the battery. No smoking. Do not cause sparks.

Proceed as follows:

❒ Connect positive terminals (+ sign near the terminal) of the two batteries with a jump lead;

❒ With a second lead, connect the negative terminal (–) of the auxiliary battery to an earthing point ⏚ on the engine or the gearbox of the car to be started;

❒ Start the engine;

❒ When the engine has been started, remove the leads reversing the order above.

If after a few attempts the engine does not start, do not insist any further but contact the nearest Fiat Dealership.

IMPORTANT Never connect the negative terminals of the two batteries directly: 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.

BUMP STARTING

Never jump start the engine by pushing, towing or driving downhill.

This could cause a flow of fuel into the catalytic converter and damage it beyond repair.

IMPORTANT Remember that the brake booster and the power steering system (if present) are not operating until the engine is started, a greater effort will therefore be required to press the brake pedal or turn the steering wheel.

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REPLACING A WHEEL

GENERAL INSTRUCTIONS

The vehicle can be supplied (if requested/provided for) with a normal spare wheel or with a small spare wheel.

Wheel changing and correct use of the jack and of the small spare wheel call for some precautions as listed below.

WARNING

The small spare wheel (if provided for) is specific for your car. Do not use it on cars of different models. Do not use spare wheels of different models on your car. The small spare wheel must only be used in an emergency. Never use it for more than strictly necessary and never exceed 80 km/h. On the small spare wheel there is an orange label, summarizing the main warnings about the small spare wheel usage restrictions. Never remove or cover the label.

WARNING

Never apply any hub cap on the small spare wheel. The label contains the following indications in four languages: Warning! For temporary use only! 80 km/h max! Replace as soon as possible with a standard service wheel. Never cover this indication.
If you choose to install wheels of a different type (with alloy rims instead of the steel ones) you must change all the fixing bolts with other of a suitable size.

WARNING

Indicate that the car is stationary according to the laws in force: emergency lights, refracting warning triangle, etc. Passengers should leave the car, particularly if it is very loaded and wait for the wheel to be changed away from oncoming traffic. In case of steep slopes or rough slopes, place wedges or other materials suitable to stop the vehicle under the wheels.
When the small spare wheel is installed, the vehicle behaviour changes. Avoid violent accelerations and braking, sharp steering and fast bending. The overall duration of the small 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 traditional tyre on a rim designed to be used as a small spare wheel. Repair and refit the standard wheel as soon as possible. Using two or more small spare wheels at the same time is forbidden. Do not apply grease to the bolt threading before assembly: they might come unscrewed.

WARNING

The jack may only be used to replace wheels on the car which it equips or other cars of the same model. Never use the jack for other purposes, such as lifting other car models. Never use the jack to carry out repairs under the car. Incorrect positioning of the jack may cause the car to fall. Do not use the jack for loads higher than those shown on the label. Never install snow chains on the small spare wheel; if a front tyre (driving wheel) is punctured and you need to use snow chains, use a standard wheel from the rear axle and install the small spare wheel on the rear axle. This way, with two normal front driving wheels, you can install the snow chains on them, thus resolving the emergency.

WARNING

If the hub cap is not installed properly, it can detach itself when the vehicle is running. Never tamper with the inflation valve. Never introduce tools of any kind between rim and tyre. Check tyre and small spare wheel pressure regularly referring to the values shown in the "Technical Specifications" chapter.

Important notes:

- ❒ the jack weight is 1.76 kg;
- ❒ the jack requires no adjustment;
- ❒ the jack cannot be repaired; If it breaks it must be replaced with a new jack;
- ❒ no tool other than the cranking device may be fitted on the jack.

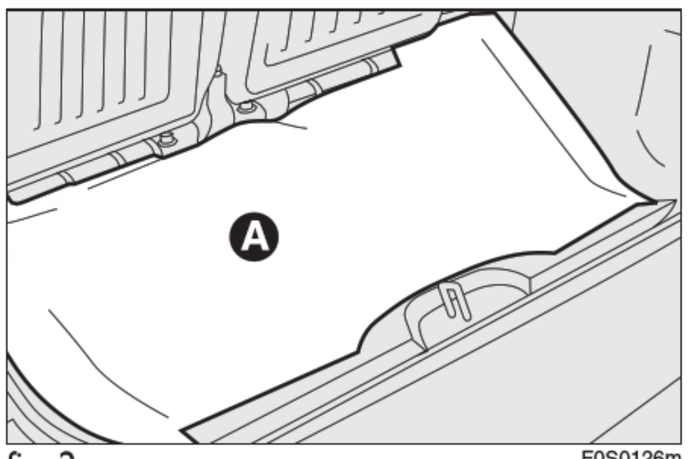


fig. 2 F0S0126m

To change a wheel proceed as follows:

❒ stop the car in a position so that it is not a danger for on-coming traffic and where you can replace the wheel safely. The ground must be flat and compact;

❒ Turn the engine off and pull up the handbrake;

❒ Engage first gear or reverse;

❒ lift the boot mat **A-fig. 2**;

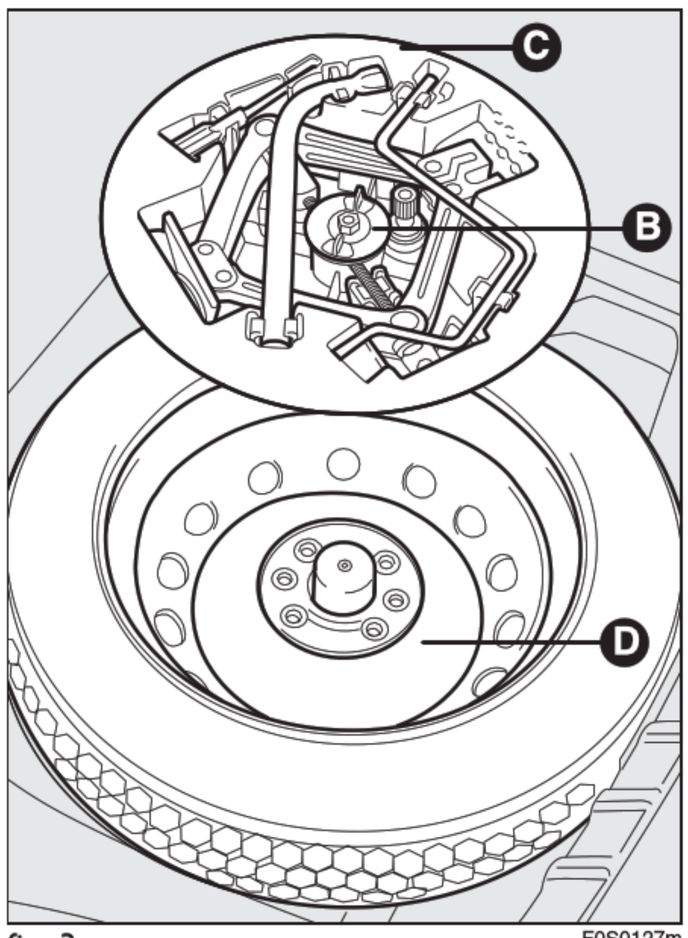


fig. 3 F0S0127m

❒ loosen the fastener **B-fig. 3**;

❒ take out the tool container **C** and take it near to the wheel to be changed;

❒ take out the small spare wheel **D**;

❒ to remove the hub cap use the supplied screwdriver, prising on the special slit on the outer rim;

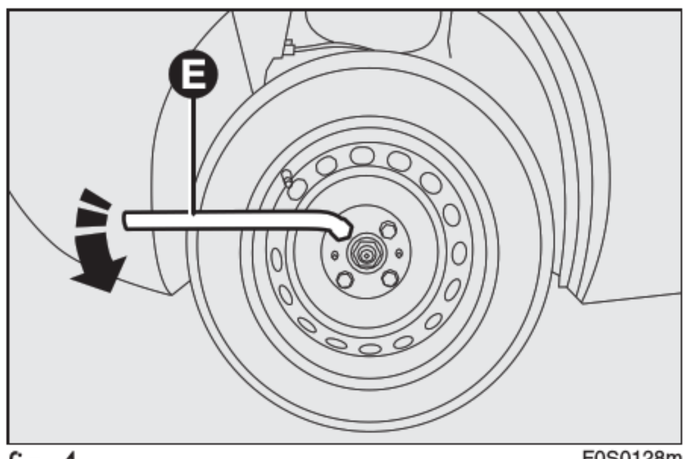


fig. 4 F0S0128m

❒ for the vehicles equipped with alloy rims, remove the pressure-fitted hub cap using the supplied screwdriver;

❒ loosen by about one turn the fastening bolts of the wheel to be replaced with the wrench provided **E-fig. 4**;

❒ turn the jack handle to partially open it;

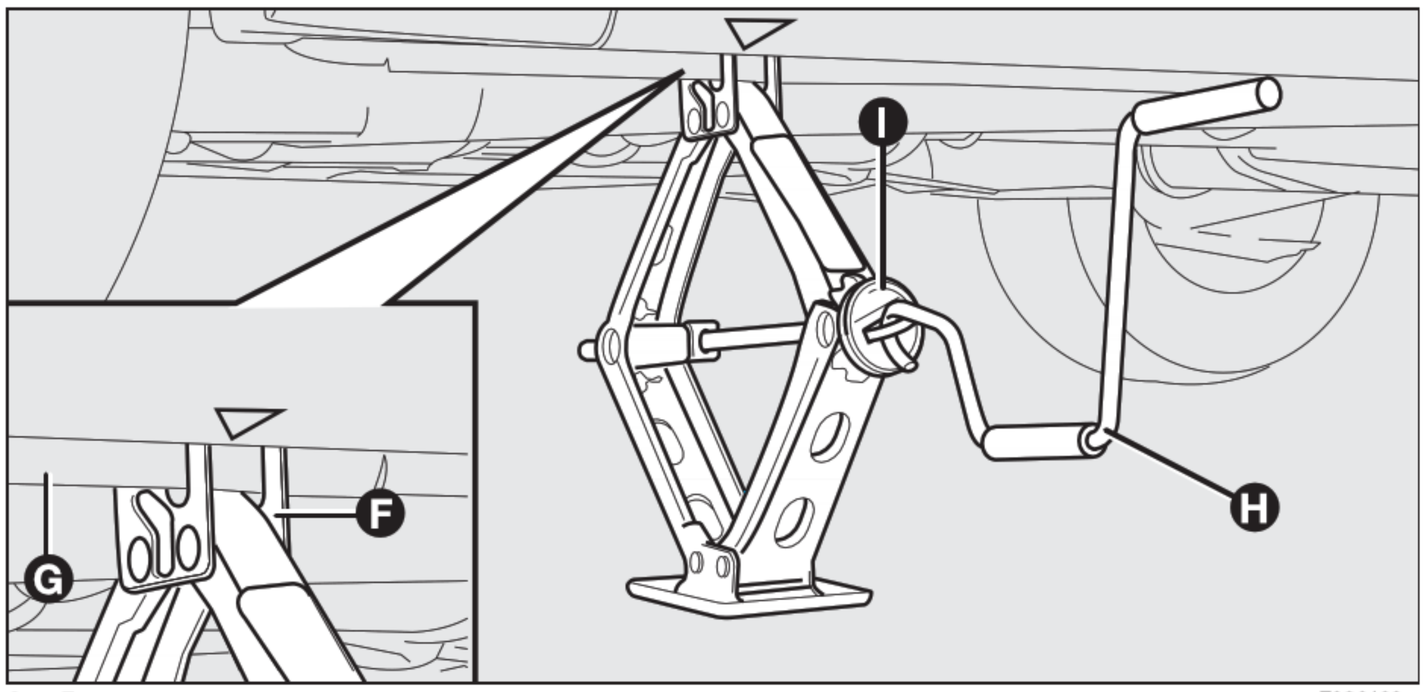


fig. 5 F0S0129m

❒ put the jack near the wheel to be replaced, aligning it with the mark ▼ on the side member;

❒ make sure that the groove **F-fig. 5** of the jack is well in contact with the tab **G** of the side member;

❒ warn anybody nearby that the car is about to be lifted. They must stay clear and not touch the car until it is back on the ground;

❒ fit the handle **H** into the device **I** of the jack and lift the car until the wheel to be changed is several centimetres off the ground. When turning the handle, make sure that it rotates freely, without risking to injure your hand by rubbing it against the ground. Even the moving components of the jack (screws and joints) can cause injuries; avoid to touch them. If you become soiled with the lubricating grease, clean yourself thoroughly;

❒ make sure the rest surfaces between small spare wheel and hub are clean so that the fastening bolts will not come loose;

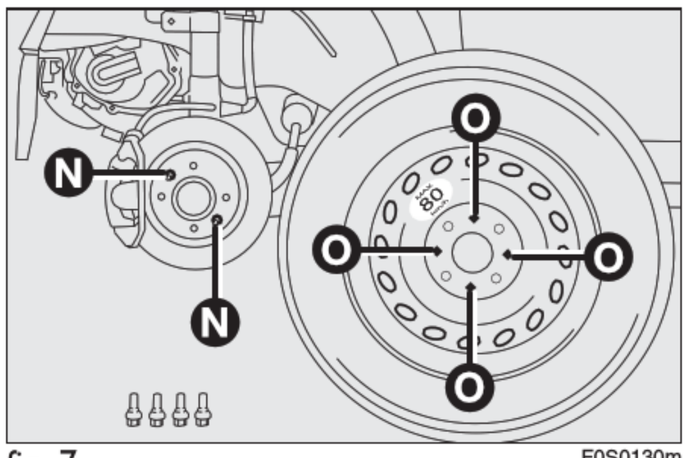


fig. 7 F0S0130m

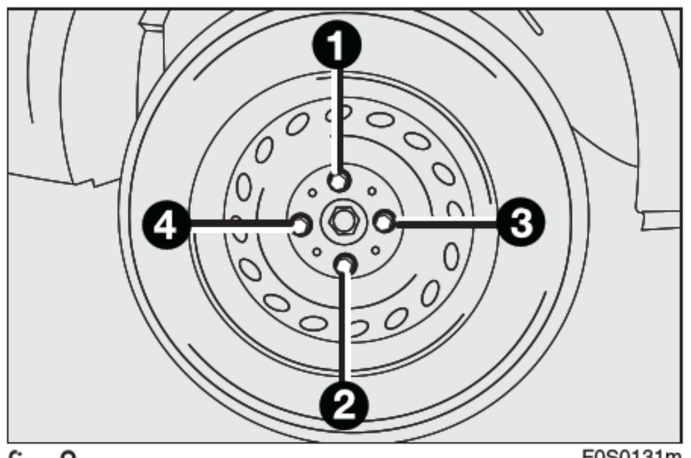


fig. 8 F0S0131m

❒ install the small spare wheel aligning the pin **N-fig. 7** with one of the wheel holes **O**;

❒ tighten the 4 fastening bolts;

❒ turn the jack handle to lower the car and remove the jack;

❒ fully tighten the bolts, passing alternatively from a bolt to the opposite one, following the order indicated in **fig. 8**.

REFITTING THE STANDARD WHEEL

Following the procedure described previously, raise the car and remove the small spare wheel.

Versions with steel rims

Proceed as follows:

❒ make sure the contact surfaces between spare wheel and hub are clean so that the fastening bolts will not come loose;

❒ fit the standard wheel inserting the 4 bolts into the holes;

❒ Using the wrench provided, tighten the fastening bolts;

❒ pressure-fit the hub cap, aligning the special groove (on the cap itself) with the inflation valve;

❒ Lower the car and remove the jack;

❒ Using the wrench provided, fully tighten the bolts in the sequence shown previously in the figure.

Versions with alloy rims

❒ Insert the wheel on the hub and using the wrench provided tighten the bolts;

❒ Lower the car and remove the jack;

❒ Using the wrench provided, fully tighten the bolts in the sequence shown in **fig. 8**.

❒ reinstall the pressure-fitted hub cap, making sure that the reference hole on the wheel is aligned with the reference hole on the cap.

IMPORTANT If it is not fitted properly, the hub cap may detach itself when the vehicle is running.

When you have finished

❒ stow the small spare wheel **D-fig. 3** in the space provided in the boot;

❒ put the partially open jack back into its container **C**, forcing it slightly into its seat to prevent any vibrations during running;

❒ put the used tools back into the relevant seats provided in the container;

❒ stow the container, complete with tools, into the spare wheel, screwing in the locking device **B**;

❒ put back the boot mat into the proper position.

IMPORTANT Do not use the inner tube with tubeless tyres. Periodically check the pressure of the tyres and of the small spare wheel.

IMPORTANT If you choose to install wheels of a different type (with alloy rims instead of the steel ones or vice versa) you must change all the fixing bolts with others of a suitable size and use a specific small spare wheel, with different specifications.

It is advisable that you keep the replaced bolts and small spare wheel, as they are necessary if in future you decide to reinstall the original wheels.

QUICK TYRE REPAIR KIT - Automatic FIX & GO

The quick tyre repair kit Fix & Go automatic is placed in the boot.

The kit **fig. 11** includes:

❒ bottle **A** containing sealer and fitted with:

– filling pipe **B**;

– label **C** with the caption "max. 80 km/h", to be affixed in a place clearly visible for the driver (on the dashboard) after repairing the tyre;

❒ instruction brochure (see **fig. 12**), to be used for prompt and proper use of the quick repair kit and to be then handed to the personnel charged with handling the treated tyre;

❒ a compressor **D-fig. 11** complete with pressure gauge and fittings, in the boot;

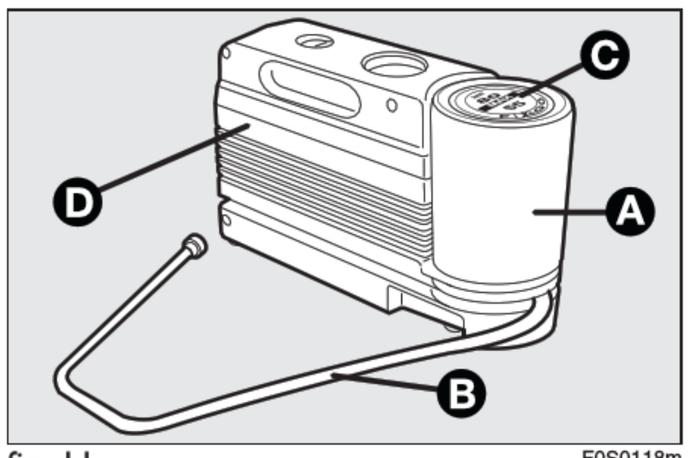


fig. 11 F0S0118m

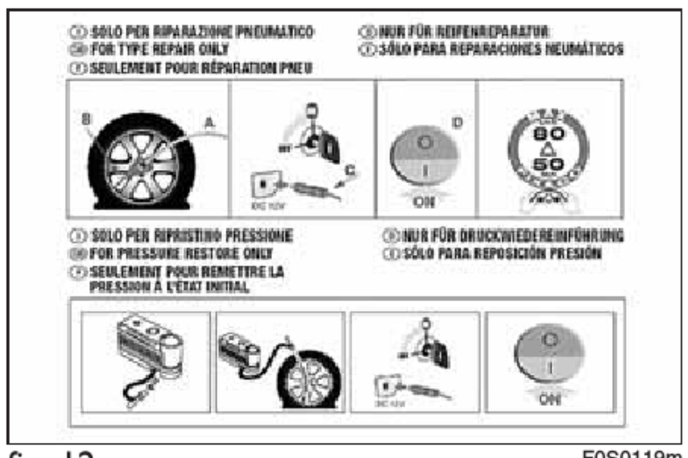


fig. 12 F0S0119m

❒ a pair of protective gloves, that can be found in the side space of the compressor;

❒ adapters for inflating different elements.

In the kit container (placed in the boot under the carpet) are also housed the screwdriver and the tow hitch.

ATTENZIONE

Give the instruction booklet to the tyre repair workshop personnel.

Should any tyre get punctured due to foreign bodies, you can repair it if the damage doesn't exceed 4 mm on the tread and on the shoulder of the tyre.

ATTENZIONE

The kit cannot be used to repair damage to the tyre sidewall. Don't use the quick repair kit if the tyre is damaged as the vehicle has run a flat tyre.

WARNING

If the wheel rim is damaged (the channel is so deformed as to cause an air leakage) it cannot be repaired. Do not remove the foreign body (screw or nail) from the tyre.

IMPORTANT INFORMATION:

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

The sealing fluid will expire.

WARNING

Do not operate the compressor for longer than 20 consecutive minutes. Risk of overheating. The quick repair kit is not suitable for definitive repairs. The tyres may only be repaired temporarily.

WARNING

The cylinder contains ethylene glycol. Contains latex: may cause an allergic reaction. Harmful if swallowed. Irritant for the eye. May cause sensitization by inhalation or contact. Avoid contact with your eyes, skin and clothes. In the event of contact, wash immediately with plenty of water. Do not induce vomit if swallowed. Rinse your mouth and drink plenty of water. Call a doctor immediately. Keep away from children. The product must not be used by asthmatics. Do not breath in the vapours during insertion and suction. Call a doctor immediately if allergic reactions are noted. Store the cylinder in the specific compartment, away from sources of heat. The sealing fluid will expire.

Replace the cylinder containing expired sealing liquid. Dispose of the cylinder and the sealant liquid properly. Dispose according to the national and local laws in force.

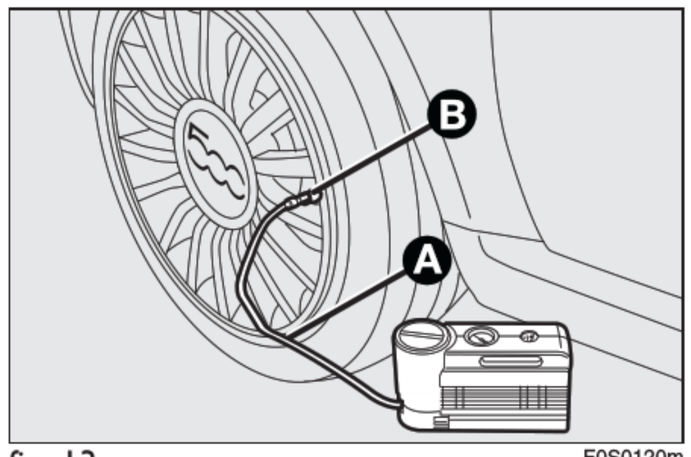


fig. 13 F0S0120m

INFLATION PROCEDURE

WARNING

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

❒ **Ensure that the handbrake is up**. Remove the tyre valve cap, extract the flexible filler tube **A-fig. 13** and fasten the ring **B** onto the tyre valve;

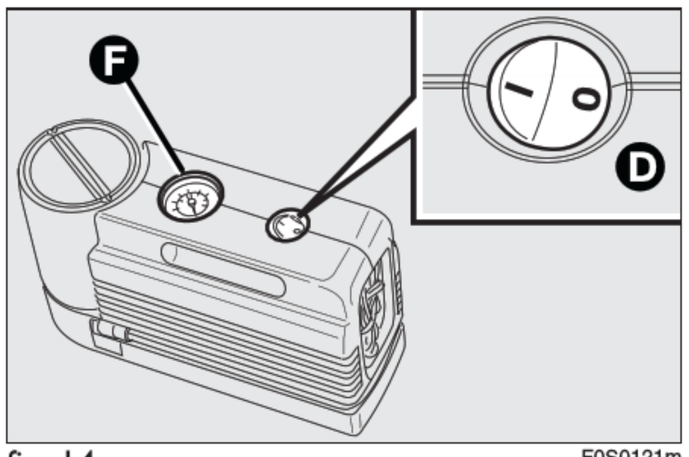


fig. 14 F0S0121m

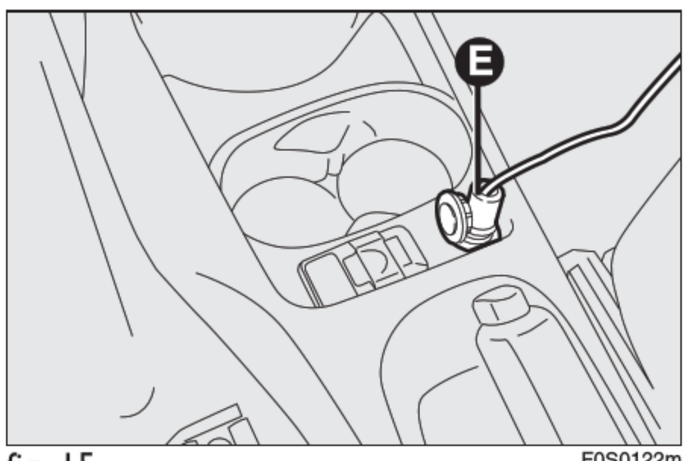


fig. 15 F0S0122m

❒ make sure that switch **D-fig. 14** of the compressor is in position 0 (off), start the engine, plug into the socket **E-fig. 15** and operate the compressor turning switch **D-fig. 14** to position **I** (on). Inflate the tyre to the pressure specified in the "Inflation pressure" paragraph, "Technical Specifications" chapter.

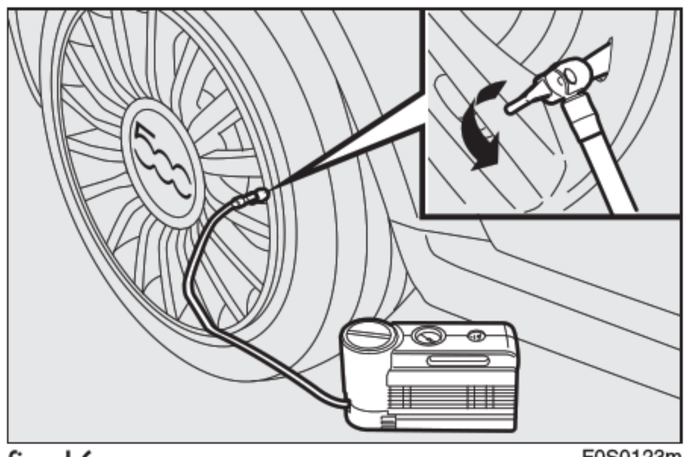


fig. 16 F0S0123m

For a more accurate reading, check pressure gauge **F-fig. 14** with the compressor off;

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

❒ If after this operation it is still impossible after 5 minutes to reach at least 1.8 bar, do not start driving since the tyre is excessively damaged and the quick tyre repair kit cannot guarantee suitable sealing, contact Fiat Dealership;

❒ if reaching the tyre pressure specified in paragraph "Inflation pressure" in section "Technical Specifications", start driving immediately;

WARNING

Apply the adhesive label in a position clearly visible by the driver as a reminder that the tyre has been treated with the quick repair kit. Drive carefully, particularly on bends. Don't exceed 80 km/h. Don't accelerate and brake suddenly.

❒ after driving for about 10 minutes stop and check again the tyre pressure; **pull up the handbrake**;

WARNING

Stop if the pressure has dropped to less than 1.8 bars: the automatic Fix & Go quick repair kit cannot work properly because the tyre is excessively damaged. Go to a Fiat Dealership.

❒ if at least 1.8 bar pressure is read, restore proper pressure (with engine running and handbrake on) and restart;

❒ drive with the utmost care to the nearest Fiat Dealership.

WARNING

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

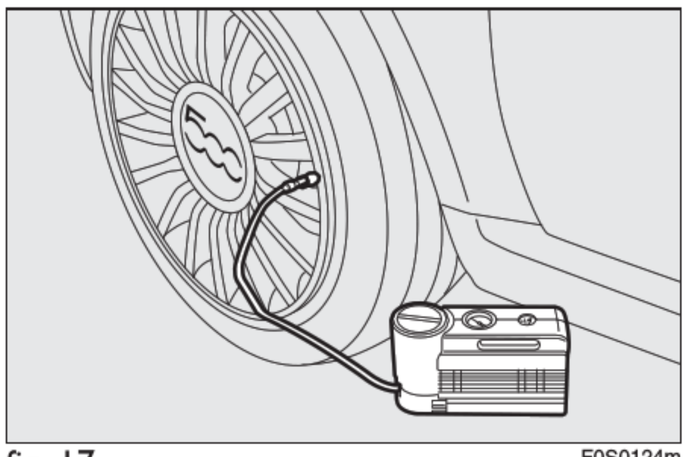


fig. 17 F0S0124m

FOR CHECKING AND RESTORING PRESSURE ONLY

The compressor may also be used for restoring pressure only. Release the quick coupling and connect directly to the tyre valve **fig. 17**; in this way, the cylinder will not be connected to the compressor and no sealant will be injected.

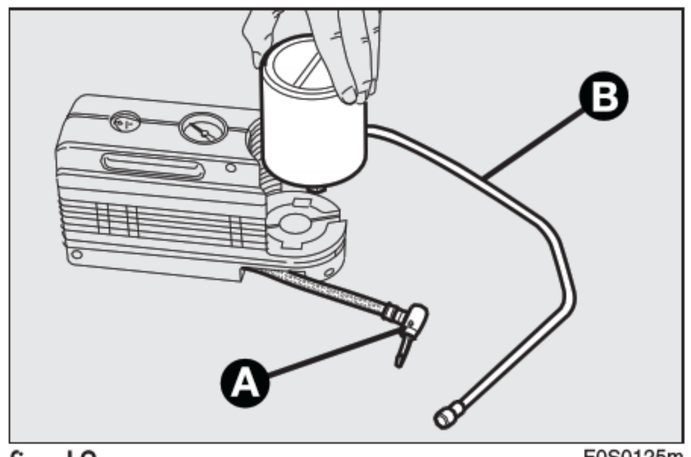


fig. 18 F0S0125m

CYLINDER REPLACEMENT PROCEDURE

To replace the cylinder proceed as follows:

❒ disconnect connection **A-fig. 18**;

❒ turn counter-clockwise the cylinder to replace and raise it;

❒ fit the new cylinder and turn it clockwise;

❒ connect connection **A** to the cylinder and fit the transparent tube **B** into the proper space.

WHEN NEEDING TO CHANGE A BULB

GENERAL INSTRUCTIONS

- ❒ Before changing a bulb check the contacts for oxidation;
- ❒ Burnt bulbs must be replaced by others of the same type and power;
- ❒ Always check the height of the headlight beam after changing a bulb;
- ❒ When a bulb is not working, check that the corresponding fuse is intact before replacing it: refer to the "If a fuse blows" paragraph in this chapter for fuse location.

WARNING

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

WARNING

Halogen bulbs contain gas under pressure, if they break glass fragments may be thrown around.

When handling halogen bulbs just touch the metal part. Touching the transparent part of the bulb with your fingers may reduce the intensity of the emitted light and even compromise duration of the lamp. In the case of accidental contact, rub the lamp with a cloth and spirit and leave to dry.

If possible, we recommend that you let Fiat Dealership replace the lamps. Proper operation and orientation of the external lights are essential for the safety of the running vehicle, and to avoid incurring legal sanctions.

IMPORTANT A slight misting may appear on the internal surface of the headlight: this does not indicate a fault and is caused by low temperature and the degree of humidity in the air. Misting will rapidly disappear when the headlights are switched on. The presence of drops inside the headlights indicates infiltration of water. Go to a Fiat Dealership.

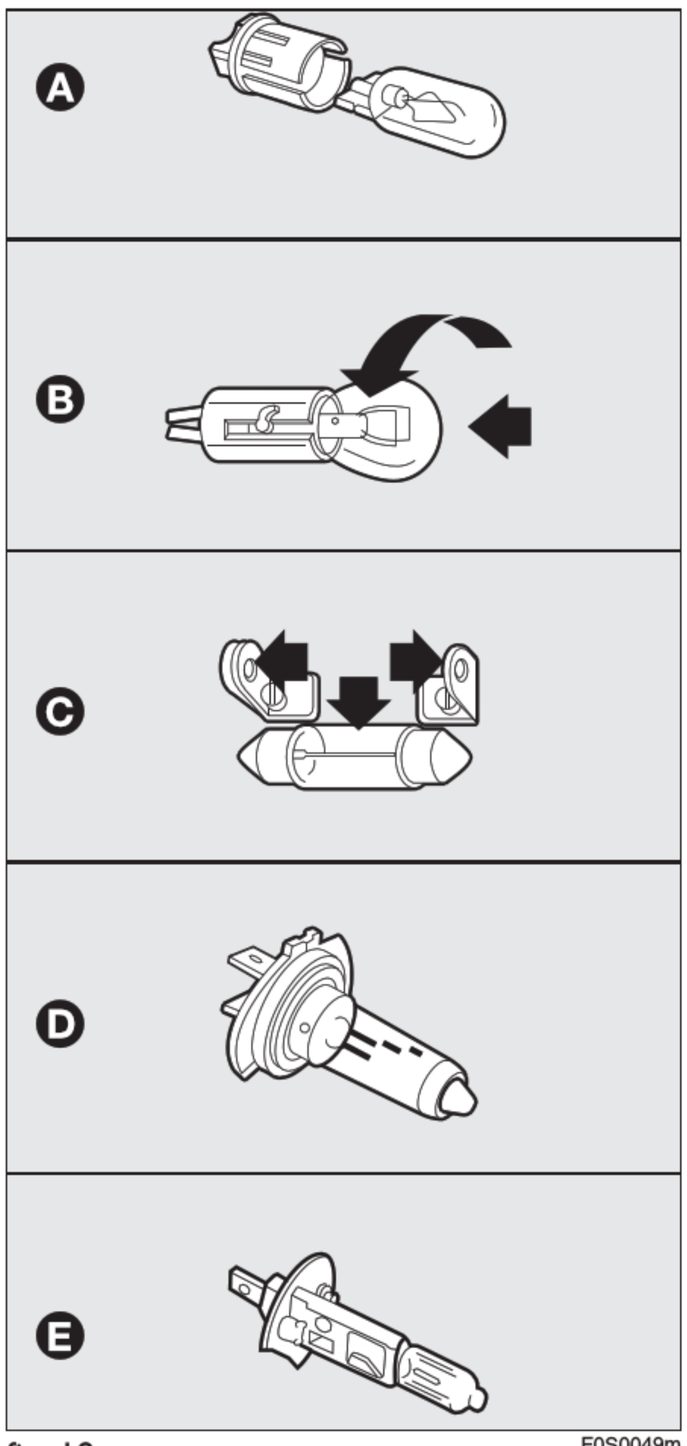


fig. 19

BULB TYPES fig. 19

Various types of bulbs are fitted to your car:

A **All glass bulb**: clipped into place. Pull to extract.

B **Bayonet bulbs**: to remove this type of bulb from its holder, press the bulb and turn it anticlockwise.

C **Cylindrical bulbs**: release from the contacts to extract.

D **Halogen bulbs**: release the fastening clip from the corresponding seat to remove the lamp.

E **Halogen bulbs**: release the fastening clip from the corresponding seat to remove the lamp.

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Bulb	Type	Power	Ref. figure
Main beam headlight	H1	55W	D
Dipped beam headlight	H7	55W	D
Front sidelight/daylight	W21/5W	5/21W	A
Front direction indicators	WY21W	21	B
Side direction indicators	W5W	5	A
Rear direction indicators	PY21W	21	B
Rear sidelight	R10W	10	B
Stop	P21W	21	B
Reverse gear	P21W	21	B
Rear fog lights	P21W	21	B
Ceiling light	C5W	5	C
Boot light	W5W	5	A
Number plate lights	C5W	5	C
Fog lights	H1	55	E
Supplementary stop light (3rd stop)	W5W	5	A

IF AN EXTERIOR LIGHT BURNS OUT

For the type of bulb and power rating, see "When needing to change a bulb".

FRONT LIGHT CLUSTERS

The front light clusters contain sidelights, dipped beam, main beam and direction indicator bulbs.

Operating from the engine compartment remove the rubber cap **A-fig. 20** to access the direction indicators; remove the rubber cap **B-fig. 20** to access the bulbs of the dipped beam headlights.

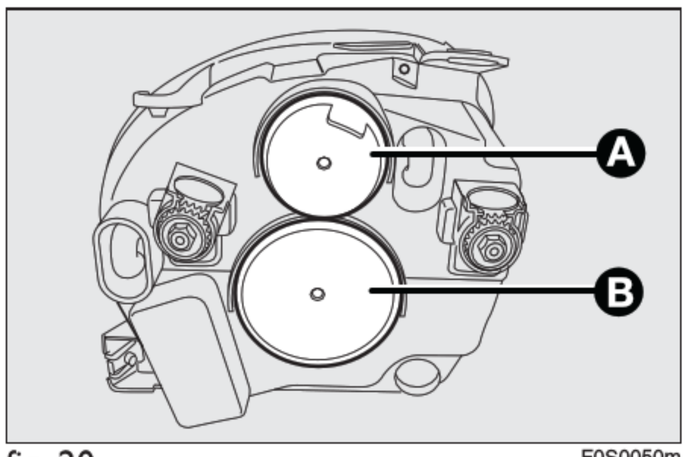


fig. 20 F0S0050m

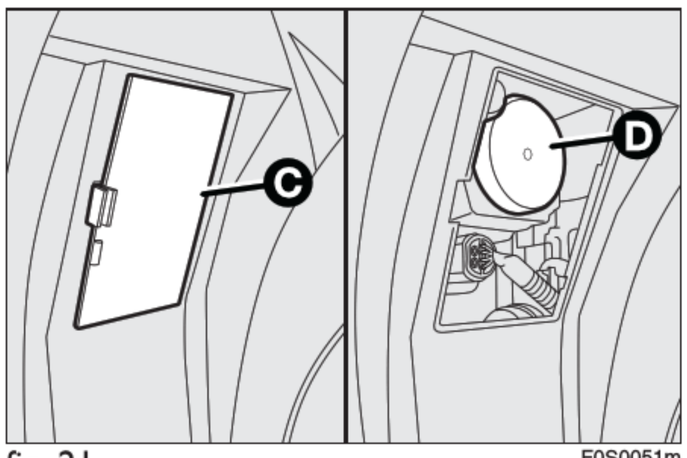


fig. 21 F0S0051m

To access the bulbs of the sidelights/daylights and of the main beams, after fully steering the wheels open the guard door **C-fig. 21** on the wheelhouse at the level of the lights, then remove the rubber cap **D-fig. 21**.

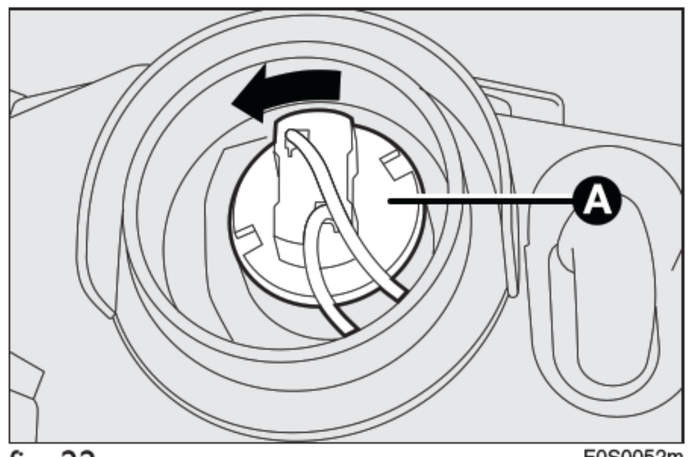


fig. 22 F0S0052m

DIRECTION INDICATORS

Front

To change the bulb, proceed as follows:

- ❒ remove the protecting rubber cap mentioned above;
- ❒ turn the bulb holder clockwise **A-fig. 22** and withdraw it;
- ❒ remove the snap-fitted bulb and replace it;
- ❒ refit the bulb holder **A** by turning it clockwise and locking it properly;
- ❒ reinstall the rubber cap;

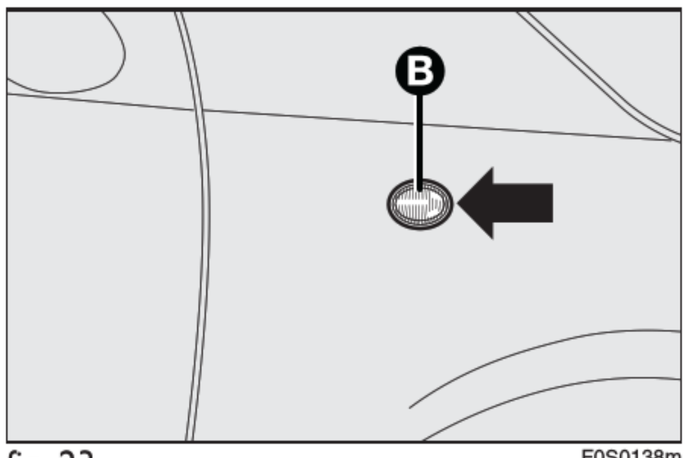


fig. 23 F0S0138m

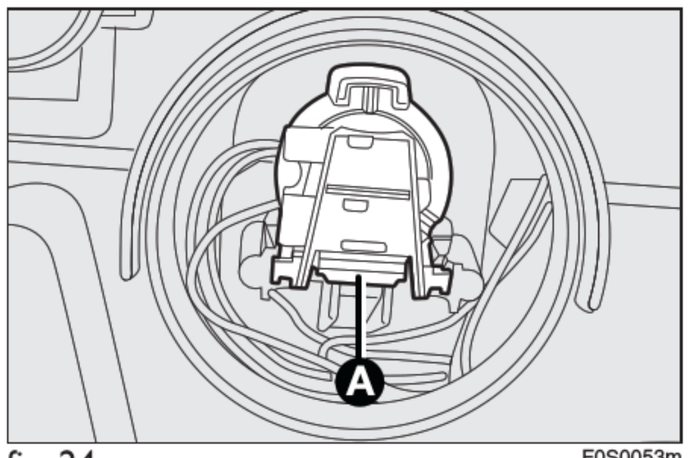


fig. 24 F0S0053m



fig. 25 F0S0054m

Side

To change the bulb, proceed as follows:

- ❒ prise in the point indicated by the arrow, so as to compress the fixing clip and extract the assembly **B-fig. 23**;
- ❒ turn the bulb holder counterclockwise, remove the snap-fitted bulb and replace it;
- ❒ reinstall the bulb holder into the lens, then install the assembly **B** making sure that the fixing clip has clicked.

DIPPED BEAM HEADLIGHTS

To change the bulb, proceed as follows:

- ❒ remove the protecting rubber cap mentioned above;
- ❒ press the fastener **A-fig. 24** and extract the bulb holder;
- ❒ remove the snap-fitted bulb and replace it;
- ❒ refit the cap locking it properly.
- ❒ reinstall the rubber cap;

MAIN BEAM HEADLIGHTS

To change the bulb, proceed as follows:

- ❒ remove the protecting rubber cap mentioned above;
- ❒ release the two bulb holding clips **A-fig. 25**;
- ❒ remove the bulb and replace it;
- ❒ fit the new bulb, making the outline of the metallic part coincide with the grooves on the reflector, then hook back the bulb holding clips;
- ❒ reinstall the rubber cap;

SIDELIGHTS/ DAYLIGHT LIGHTS

To change the bulb, proceed as follows:

❒ remove the protecting rubber cap mentioned above;

❒ turn the bulb holder clockwise **B-fig. 25** and withdraw it;

❒ remove the snap-fitted bulb and replace it;

❒ refit the bulb holder **B** by turning it clockwise and locking it properly;

❒ reinstall the rubber cap;

FRONT FOG LIGHTS (where provided)

IMPORTANT to replace the front fog lights you must contact Fiat Dealership.

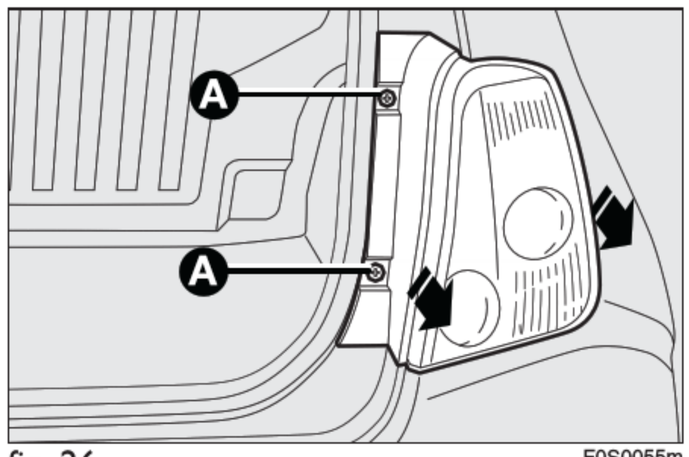


fig. 26 F0S0055m

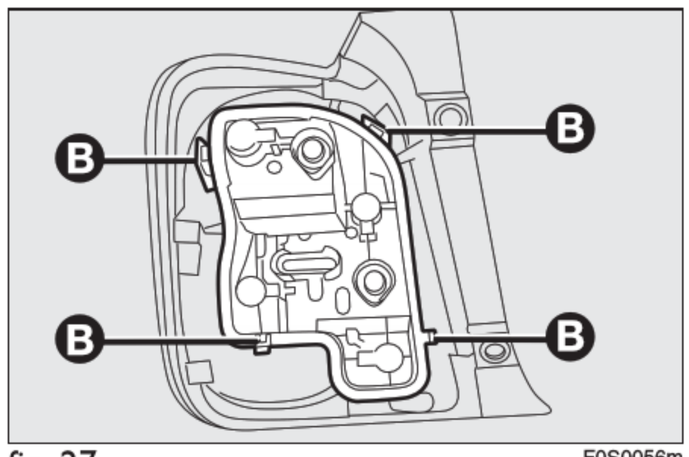


fig. 27 F0S0056m

REAR LIGHT CLUSTERS

To change the bulb proceed as follows:

❒ open the tailgate;

❒ unscrew the two fastening screws **A-fig. 26** and extract the light cluster axially without rotating it;

❒ extract the bulb holder from its seat releasing it from the locking clips **B-fig. 27**;

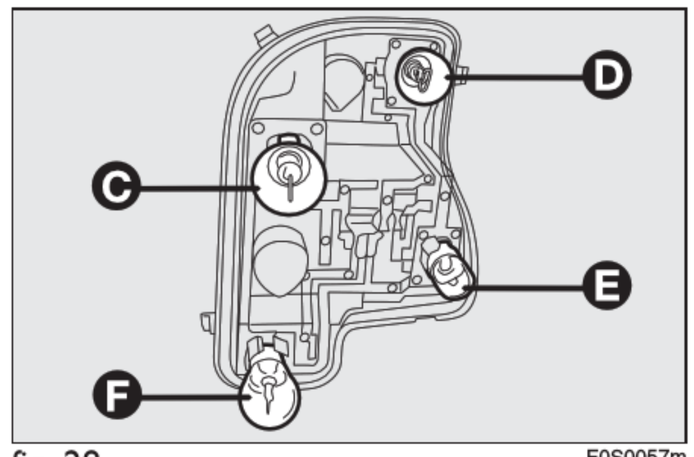


fig. 28 F0S0057m

❒ extract the bulbs by pushing them slightly and turning them counter-clockwise.

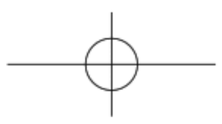
The bulbs are arranged as follows:

C – Direction indicators

D – Stop

E – Position

F – Reverse gear (right headlight) / rear fog guards (left headlight)



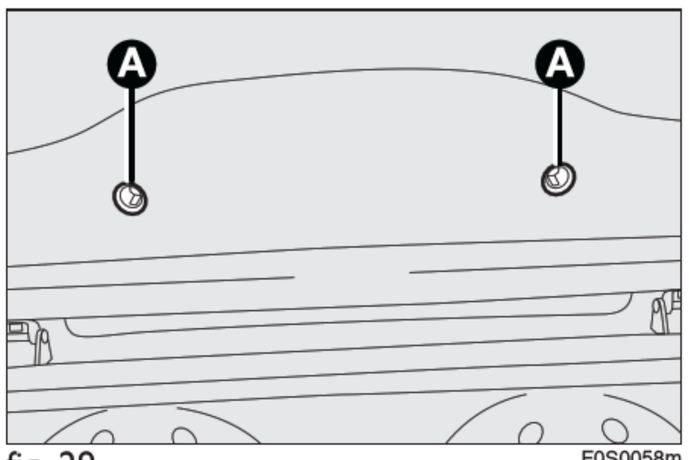


fig. 29 F0S0058m

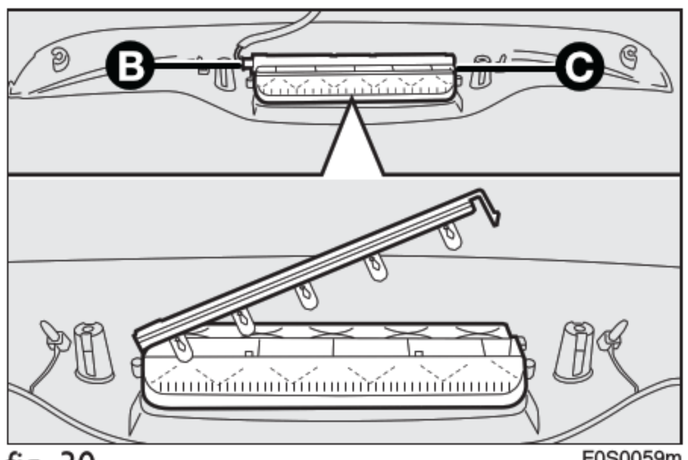


fig. 30 F0S0059m

THIRD BRAKE LIGHT fig. 29-30

To change the bulb proceed as follows:

- ❒ remove the two guard caps and unscrew the two fastening screws **A**;
- ❒ withdraw the assembly;
- ❒ disconnect the electric connector **B**;
- ❒ press the retaining device **C** and open the bulb holder;
- ❒ remove the snap-fitted bulb to be replaced and replace it;
- ❒ close back the cap locking it properly.
- ❒ screw in the two fastening screws and reinstall the guard caps;

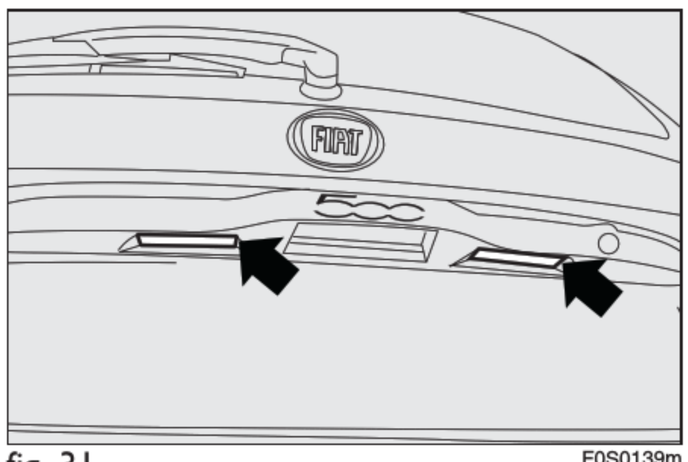


fig. 31 F0S0139m

NUMBER PLATE LIGHTS fig. 31

To replace the bulbs proceed as follows:

- ❒ work in the point shown by the arrow and remove lens **A**;
- ❒ change the bulb releasing it from the side contacts and making sure the new bulb is correctly fastened between the contacts;
- ❒ reinstall the lens.

IF AN INTERIOR LIGHT BURNS OUT

For the type of bulb and power rating, see "When needing to change a bulb".

INSIDE CEILING LIGHT

To change the bulb, proceed as follows:

- ❒ using the screwdriver provided, extract the ceiling light **A-fig. 32** working in the point indicated by the arrow;

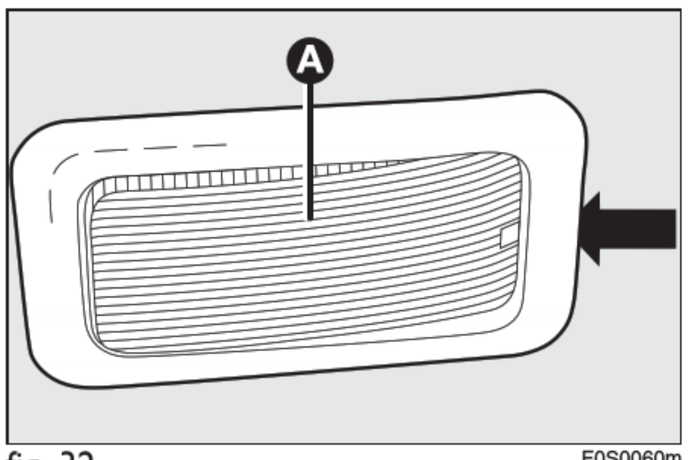


fig. 32 F0S0060m

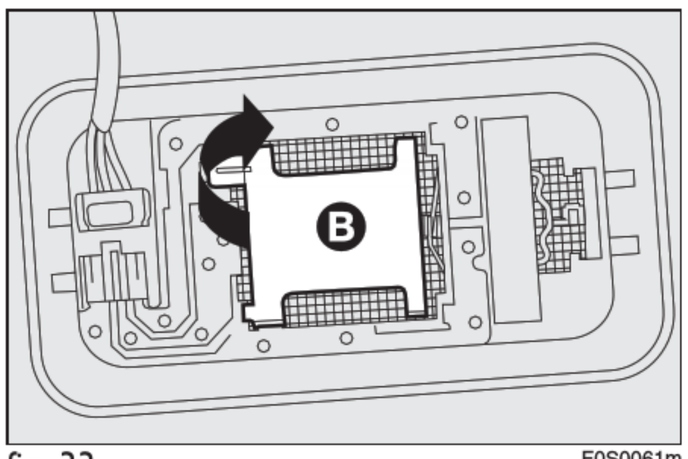


fig. 33 F0S0061m

❒ open the cap **B-fig. 33** as indicated;

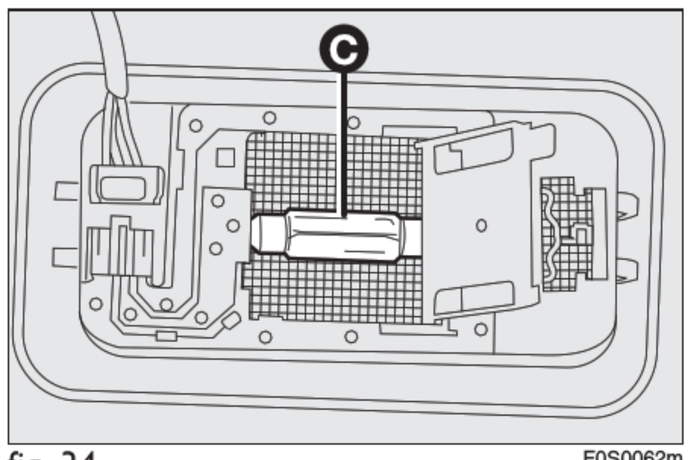


fig. 34 F0S0062m

❒ replace bulb **C-fig. 34** releasing it from the side contacts, then insert the new bulb making sure it is correctly clamped between the contacts;

❒ close the cap back and reinstall the lens.

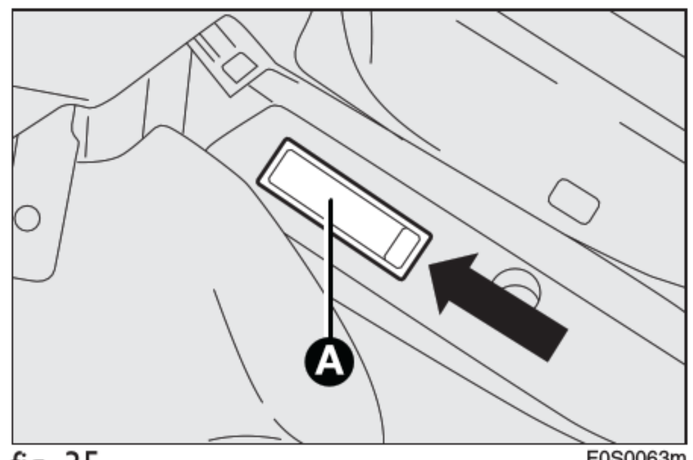


fig. 35 F0S0063m

BOOT LIGHT (if present)

To change the bulb, proceed as follows:

❒ open the tailgate;

❒ using the screwdriver provided, extract the ceiling light **A-fig. 35** working in the specified point;

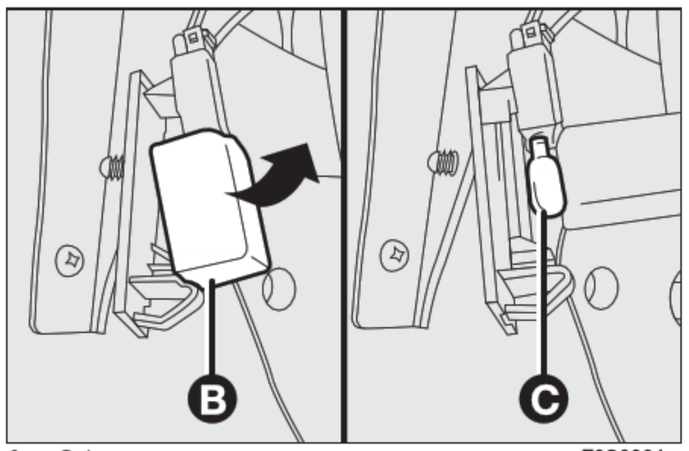


fig. 36 F0S0064m

❒ open the bulb cover **B-fig. 36** and replace the snap-fitted bulb **C**;

❒ re-close the bulb cover **B** on the lens;

❒ reinstall the ceiling light properly inserting it into its seat on one side first, and then pressing the other side until it clicks into position.

IF A FUSE BLOWS

GENERALITIES fig. 37

The fuse is a protective device for the electric system: it comes into action (i.e. it cuts off) mainly due to a fault or improper action on the system.

Check the efficiency of the corresponding fuse when a device does not work: the conducting element **A** must not be interrupted. If it is, replace the blown fuse with another with the same amperage (same colour).

B intact fuse.

C fuse with damaged filament.

To replace a fuse use tweezers **D**, hooked inside the fuse compartment cover on the left side of the dashboard.

To identify the protection fuse, see the tables in the following pages.

WARNING

Should the fuse blow again, contact Fiat Dealership.

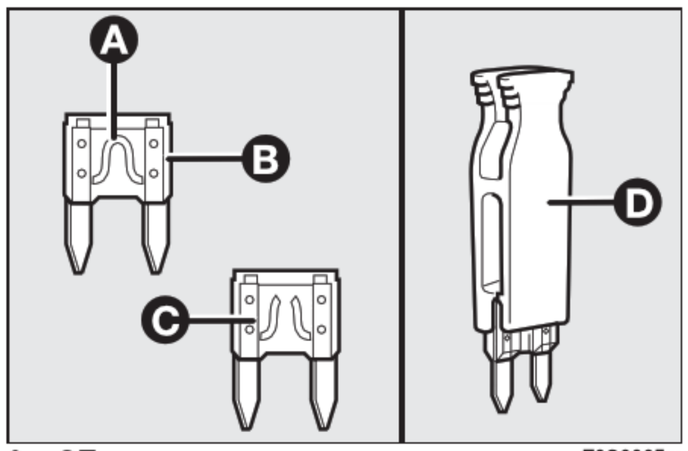


fig. 37 F0S0065m

Never replace a blown fuse with metal wires or other materials.

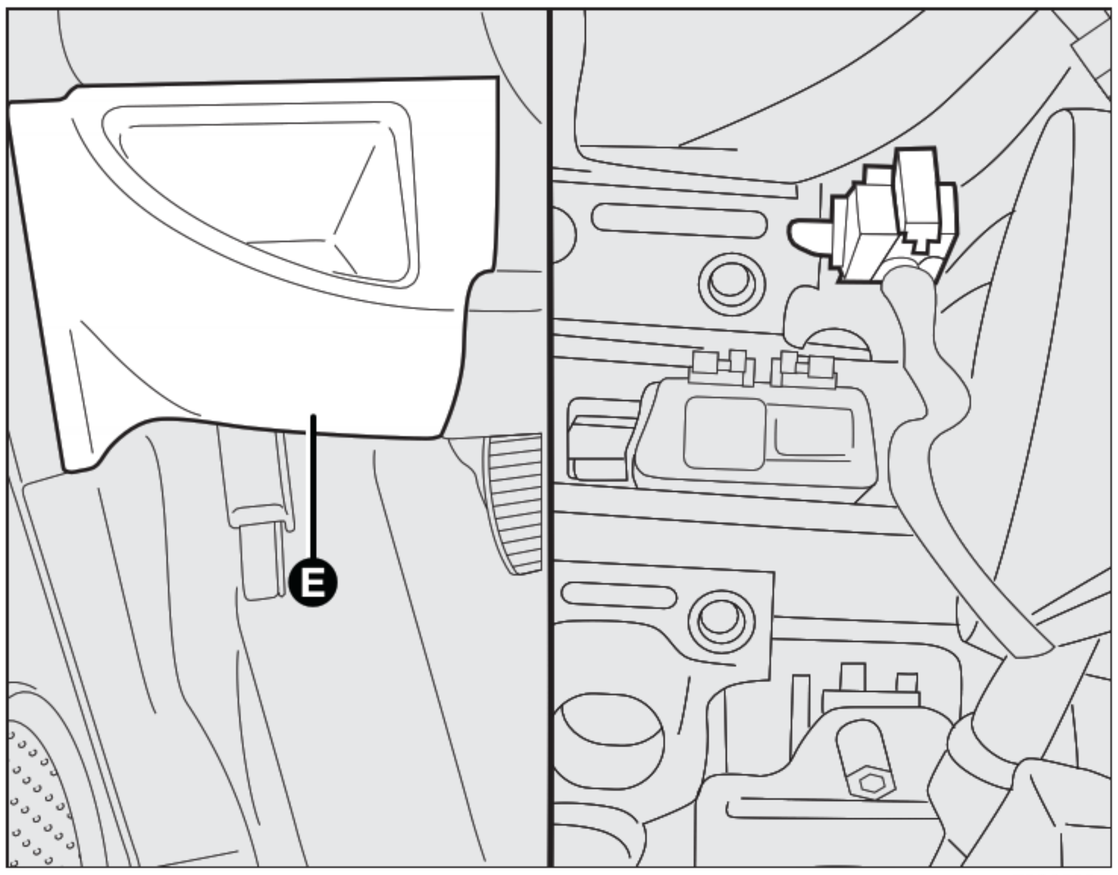
WARNING

Never replace a fuse with another having higher amperage; FIRE HAZARD.

In case of general protection fuse intervention (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) contact Fiat Dealership.

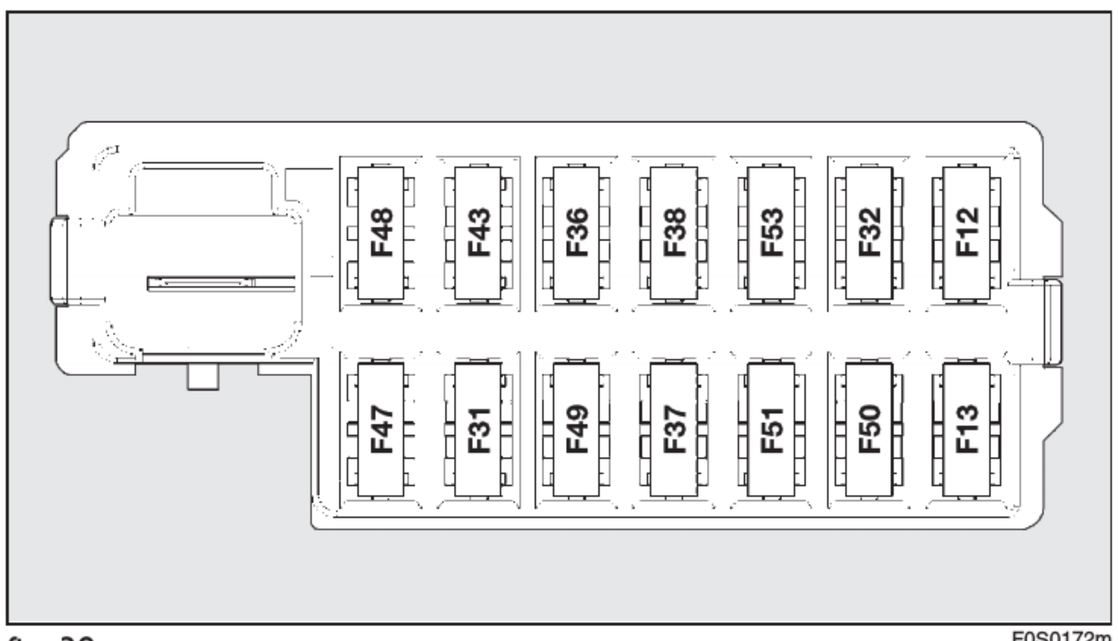
Remove the key from the ignition switch and switch off all loads before replacing a fuse.

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F0S0066m

fig. 38



F0S0172m

fig. 39

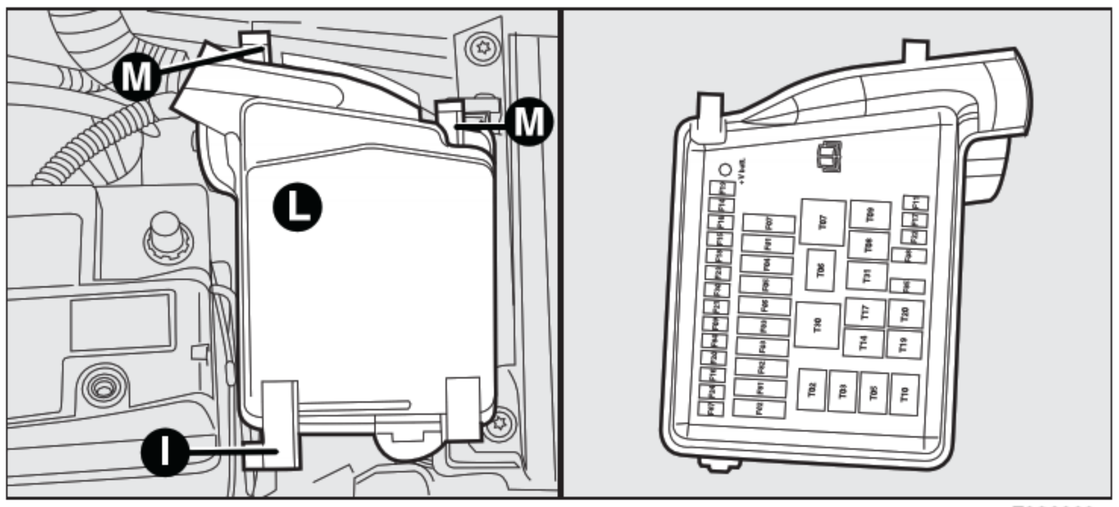
FUSE LOCATION

Dashboard fuses

To access the fuses you must remove the snap-fitted cover **E**.

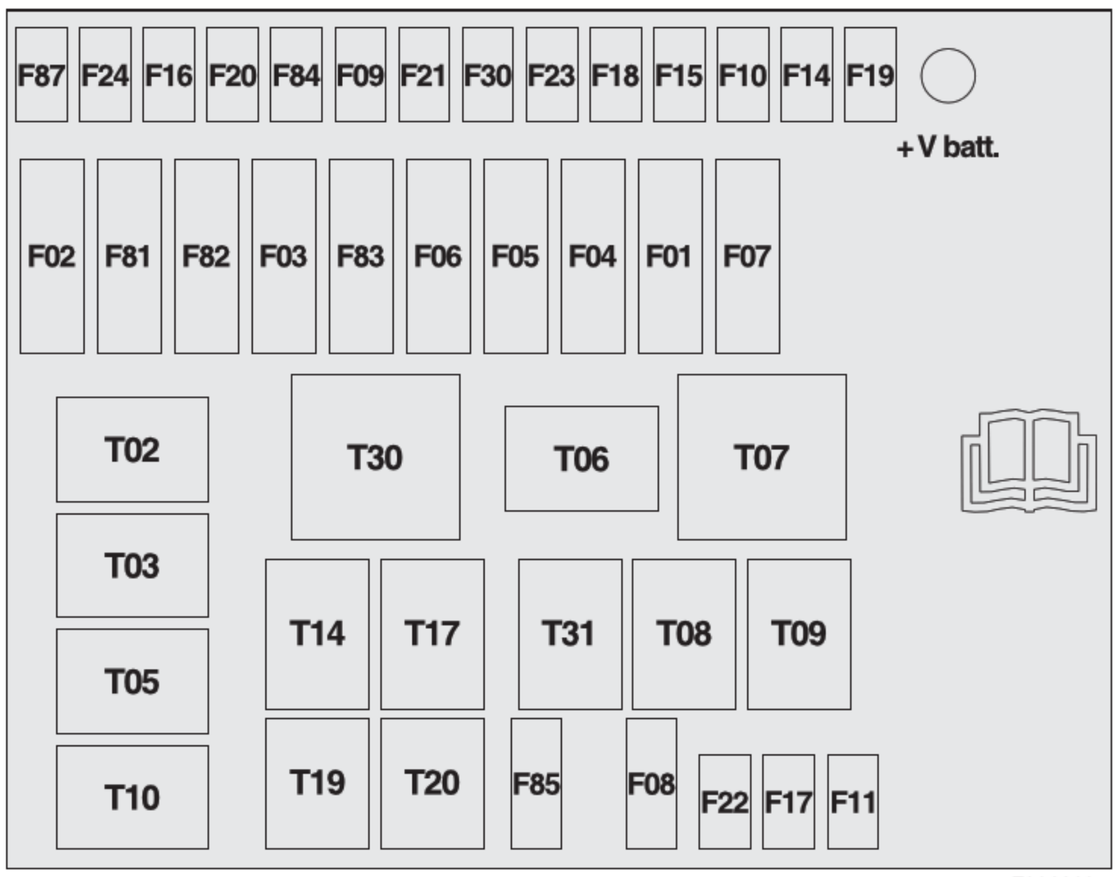
The 5A fuse for door mirror demisting is located in the diagnostic socket area, as shown in **fig. 38**.

In the bottom area, near the pedals, you can find the control unit shown in **fig. 39**.



F0S0068m

fig. 40



F0S0069m

fig. 41

Engine compartment control unit fig. 40 e 41

A second control unit is located on the right side of the engine compartment, next to the battery; to access it press device **I**, release tabs **M** and remove cover **L**.

The ID number of the electrical component corresponding to each fuse can be found on the back of the cover.

If you need to wash the engine compartment, take care not to directly hit the engine compartment control unit with the water jet.

FUSE TABLE

Fuse box on dashboard - fig. 39	FUSE	AMPERE
Supply of right low beam	F12	7.5
Supply of left low beam and headlamp direction adjustment control unit	F13	7.5
Engine compartment shunt control unit switch	F31	5
Lights of front and rear ceiling lights, trunk and door courtesy lights	F32	7.5
Diagnostic socket, car radio, climate control system, EOBD	F36	10
Stop lights switch, instrument panel node	F37	5
Door central locking	F38	20
Windshield/Rear windshield washer pump	F43	15
Driver side power window	F47	20
Passenger side power window	F48	20
Parking sensor, backlighting switches, electric mirrors	F49	5
Air bag node	F50	7.5
Car radio switch, convergence, climate control system, stop lights, clutch	F51	7.5
Instrument panel node	F53	5

Engine compartment control unit - fig. 41	FUSE	AMPERE
Climate control system fan	F08	30
Trailer	F09	15
Buzzers	F10	15
Engine control system (secondary loads)	F11	10
Main headlights	F14	15
Sunroof motor	F15	20
+15 Engine control unit, robotized Dualogic gearbox control, relay coil T20	F16	7.5
Engine control unit	F17	10
Engine control unit (1.2 8V)	F18	7.5
Engine control unit, relay T09 coil (1.3 Multijet, 1.4 16V)	F18	7.5

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Engine compartment control unit - fig. 41	FUSE	AMPERE
Conditioner compressor	F19	7.5
Heated rear window, mirror demisters	F20	30
Fuel pump	F21	15
Ignition coil, injectors (1.2 8V)	F22	15
Engine control unit (1.3 Multijet)	F22	20
Braking system (control unit, valves)	F23	20
+15 Braking system, electrical driving, yaw sensor	F24	7.5
Fog headlights	F30	15
Dualogic gearbox (control unit, solenoid valves)	F84	10
Front socket (with or without cigar lighter plug)	F85	15
+15 for backing lights, flow gauge, water in diesel fuel sensor, T02, T05, T14 and T19 relay coils	F87	7.5

Engine compartment control unit - fig. 41	RELÉ	AMPERE
Main headlights	T02	20
Buzzers	T03	20
Conditioner compressor	T05	20
One-speed engine cooling fan - Low speed engine cooling fan	T06	30
High-speed engine cooling fan	T07	50
Climate control system fan	T08	30
Engine control system (main relay)	T09	30
Spare	T10	20
Fog headlights	T14	20
Fuel pump	T17	30
Demisting	T19	30
Start prevention with robotized gearbox	T20	30
Dualogic gearboxinterlocking pump	T30	50
Front socket (with or without cigar lighter plug)	T31	30

IF THE BATTERY IS FLAT

IMPORTANT The battery recharging procedure is provided as an example only. You are recommended to go to a Fiat Dealership to have this operation performed.

Low amperage slow recharging for approximately 24 hour is advised. A prolonged recharge might damage the battery.

Charge the battery as follows:

❒ disconnect battery negative terminal;

❒ connect the charger cables to the battery terminals, observing the poles;

❒ turn on the charger;

❒ when you have finished, turn the charger off before disconnecting the battery;

❒ reconnect battery negative terminal.

WARNING

Battery fluid is poisonous and corrosive: avoid contact with your skin and eyes. The battery recharging operation must be performed in a ventilated place, away from naked flames or possible sources of sparks to avoid the risk of explosion and fire.

WARNING

Don't try to recharge a frozen battery: defrost it first to prevent the risk of explosion. If a battery was frozen, have it inspected by specialised personnel before recharging to check that the internal elements are not damaged and that the casing is not cracked causing the risk of leakage of poisonous, corrosive gas.

LIFTING THE CAR

If the car is to be lifted, go to a Fiat Dealership which is equipped with the arm hoist or workshop lift.

TOWING THE CAR

The tow ring provided with the car is housed in the tool box under the boot mat.

FASTENING THE TOW RING fig. 42-43

Proceed as follows:

❒ release the cap **A**;

❒ take the tow hook **B** from its seat in the tool support;

❒ tighten the ring on the rear or front threaded pin.

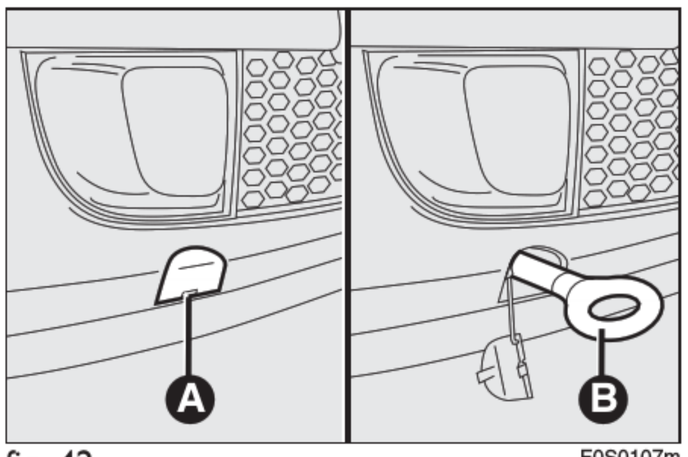


fig. 42 F0S0107m

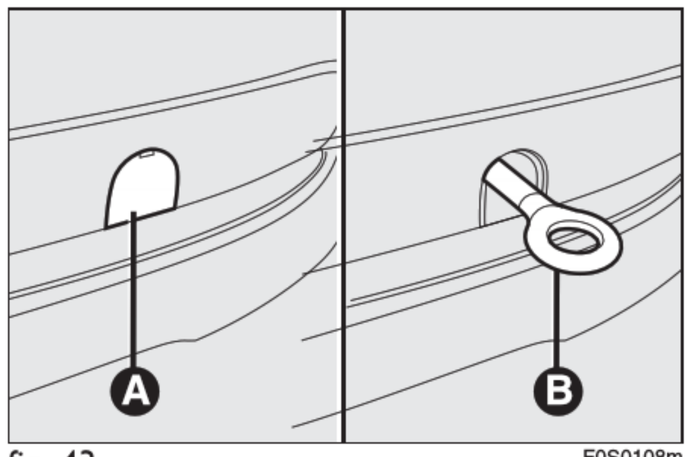


fig. 43 F0S0108m

WARNING

Before beginning the tow, turn the ignition key to MAR and then to STOP, without extracting it If the key is extracted, the steering wheel lock will be automatically activated, thus preventing steering

WARNING

The power brakes and the electrical power steering will not work while the car is being towed. More effort on the brake pedal and steering wheel will therefore be required. Do not use wires for towing. Do not jerk. Make sure not to damage parts in contact with the car while towing. Respect the specific rules of the Highway Code when towing the car specifically in relation to the towing device and the behaviour to maintain on the road.

Do not start the engine while towing the car.

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CAR MAINTENANCE

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POLLEN FILTER 139
BATTERY 139
WHEELS AND TYRES 141
RUBBER HOSES 142
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BODYWORK 144
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SCHEDULED SERVICING

Correct maintenance is essential for ensuring long car life under the best conditions.

This is why Fiat has planned a series of checks and maintenance operations every 30,000 km.

Scheduled servicing will not however fully cover all of the needs of your car: It is however important to remember that scheduled servicing does not completely cover all the car's requirements: also in the initial period before 30,000 km service coupon and later, between one coupon and another, ordinary care is still required such as for example routine check and topping up the level of fluids, tyre pressure check, etc.

IMPORTANT Scheduled service coupons are required by the manufacturer. Default may invalidate the warranty.

Scheduled Servicing is performed by all Fiat Dealerships, at pre-established times.

If during each operation, in addition to the ones programmed, the need arises for further replacements or repairs, these may be carried out only with the explicit agreement of the Customer.

IMPORTANT You are advised to contact Fiat Dealership in the event of any minor operating faults, without waiting for the next service coupon.

If your car is used frequently for towing, the interval between one service coupon and the other must be reduced.

SERVICE SCHEDULE

Service coupons shall be performed every 30,000 km

Thousands of kilometres	30	60	90	120	150	180
Check tyre conditions/wear and adjust pressure if required	●	●	●	●	●	●
Check light system operation (headlights, direction indicators, hazard lights, passenger compartment lights, boot lights, instrument panel warning lights, etc.)	●	●	●	●	●	●
Check the operation of the windscreen wiper/washer system, adjust the sprayers	●	●	●	●	●	●
Check the position and wear of the windscreen and rear window wiper blades	●	●	●	●	●	●
Check front disk brake pad conditions and wear	●	●	●	●	●	●
Check rear drum brake linings and wear		●		●		●
visually inspect the conditions of: bodywork, underbody protection, pipes and hoses (exhaust - fuel - brakes), rubber parts (boots, sleeves, bushes, etc.)	●	●	●	●	●	●
Check cleanness of locks, bonnet and boot and lever cleanness and lubrication	●	●	●	●	●	●
Check tension and if necessary adjust the accessory drive belts (excluding engines equipped with automatic tensioners)	●				●	
Visually inspect the accessory drive belt conditions		●				●
Replace accessory drive belts				●		
Check and adjust tappet slack (1.2 8V petrol versions)		●		●		●
Check and adjust handbrake lever stroke	●	●	●	●	●	●

Thousands of kilometres	30	60	90	120	150	180
Check rear disk brake pad conditions and wear		●		●		●
Check rear disk brake pad conditions and wear (1.4 petrol versions)	●	●	●	●	●	●
Replace the air filter cartridge (every 30,000 km for 1.3 Multijet engine)		●		●		●
Top up fluids (engine coolant, brakes, windscreen washer, battery, etc.)	●	●	●	●	●	●
Check the conditions of the distribution control toothed belt (excluding 1.3 Multijet engine)		●				●
Replace the distribution control toothed belt (*) (excluding 1.3 Multijet engine)				●		
Replace the spark plugs (petrol versions)	●	●	●	●	●	●
Check engine control system operation (through diagnosis socket)	●	●	●	●	●	●
Check the mechanical gearbox oil level			●			●
Change engine oil and replace oil filter (petrol versions)	●	●	●	●	●	●
Change engine oil and oil filter (Multijet version with DPF) (**)						
Change brake fluid (or every 2 years)		●		●		●
Change the pollen filter (or anyway every year)	●	●	●	●	●	●
Check emissions at the exhaust (petrol versions)	●	●	●	●	●	●
Check emissions at the exhaust/smoke opacity (1.3 Multijet engine)	●	●	●	●	●	●
Replace the fuel filter (Green-filter) cartridge (1.3 Multijet engine)		●		●		●

(*) Or every 4 years if the vehicle is used under severe conditions (cold climates, city usage with prolonged running at idle speed). Or every 5 years, regardless of the distance

(**) The engine oil and the filters shall be replaced when the warning light on the dashboard goes on (see chapter "Warning lights and messages") or anyway every 2 years.

If the car is mainly used in cities or less than 10,000 km a year, change the engine oil and filter every 12 months.

REGULAR INSPECTIONS

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

- ❒ engine coolant fluid level;
- ❒ brake fluid level;
- ❒ windscreen washer fluid level;
- ❒ tyre pressure and conditions;
- ❒ operation of lights (headlights, direction indicators, hazard lights, etc.);
- ❒ operation of the windscreen wiper/ washer system, position and wear of the windscreen and rear window wiper blades;

Every 3,000 km check the following and top-up, if required: engine oil level.

You are recommended to use **FL Selenia** products, designed and produced specifically for Fiat cars (see table "Capacities" in section "Technical specifications").

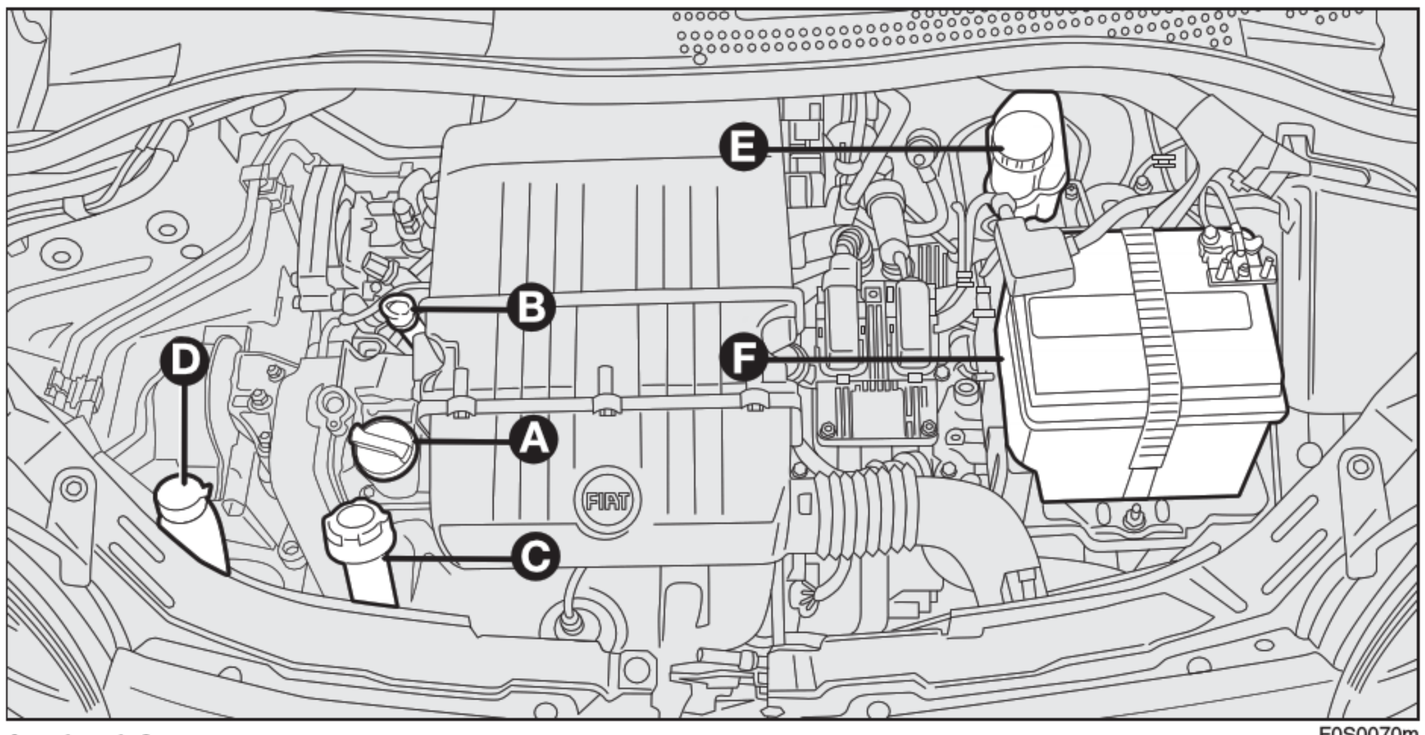
DEMANDING USE OF THE CAR

Should prevailing use of the car be under one of the following specially heavy conditions:

- ❒ trailer or caravan towing;
- ❒ dusty roads;
- ❒ short distances (less than 7-8 km) repeated and with external temperatures below zero;
- ❒ frequently idling engines or long distance low speed driving (e.g. taxis or door-to-door deliveries) or in case of a long term inactivity;
- ❒ in cities;

perform the following inspections more frequently than shown on the Service Schedule:

- ❒ check front disk brake pad conditions and wear;
- ❒ check cleanness of bonnet and boot locks and lever cleanness and lubrication;
- ❒ visually inspect the conditions of: engine, gearbox, transmission, pipes and hoses (exhaust - fuel - brakes), rubber parts (boots, sleeves, bushes, etc.);
- ❒ inspect the battery charge and fluid level (electrolyte) (refer to the paragraph "Battery - Inspection of the battery charge and of the electrolyte level" in this chapter);
- ❒ visual check on various drive belt conditions;
- ❒ check and if necessary replace the pollen filter; in particular it shall be replaced if a decrease in the air flow into the passenger comportment is detected;
- ❒ check air cleaner and replace, if required.



F0S0070m

fig. 1 - 1.2 versions

CHECKING FLUID LEVELS

A. Engine oil filler

B. Engine oil level dispstick

C. Engine coolant

D. Windscreen washer fluid

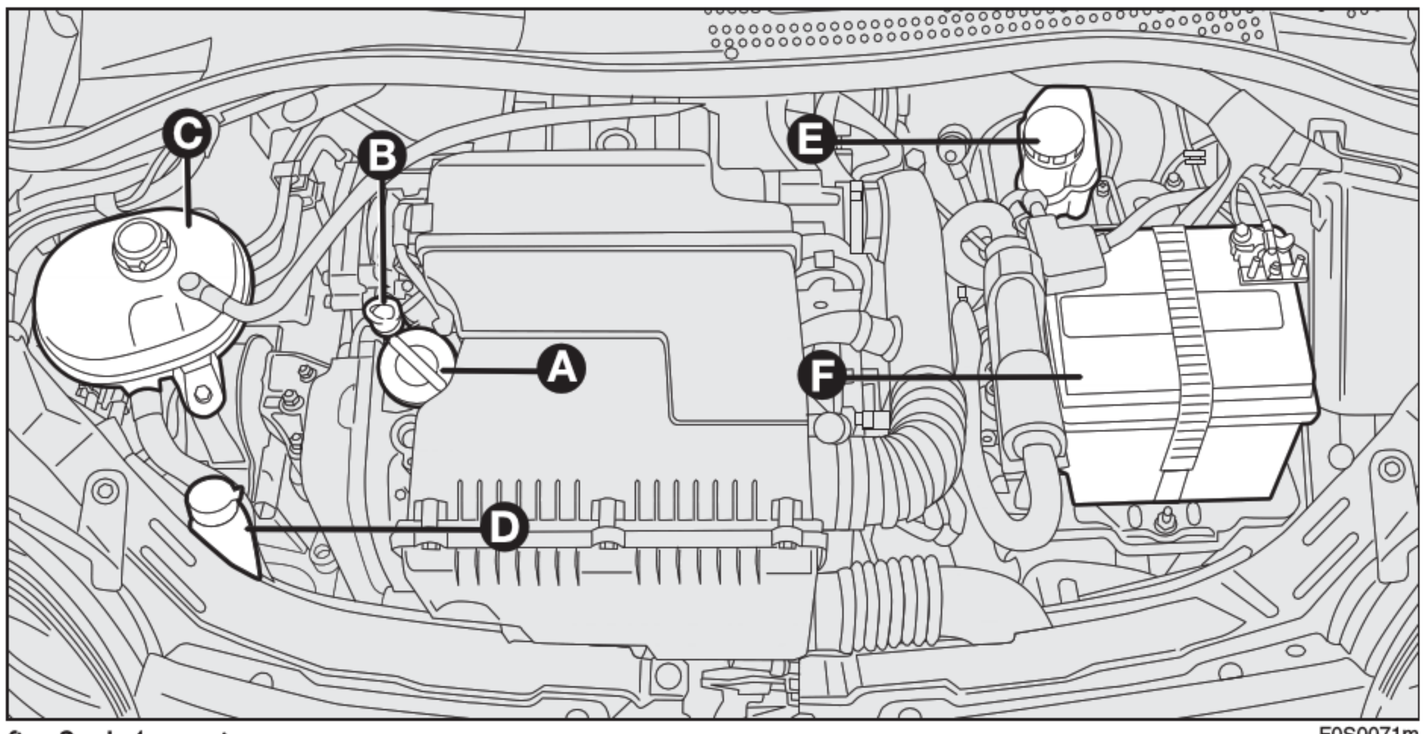
E. Brake fluid

F. Battery

WARNING

Never smoke while working in the engine compartment. there might be flammable gases and vapours, with fire hazards.

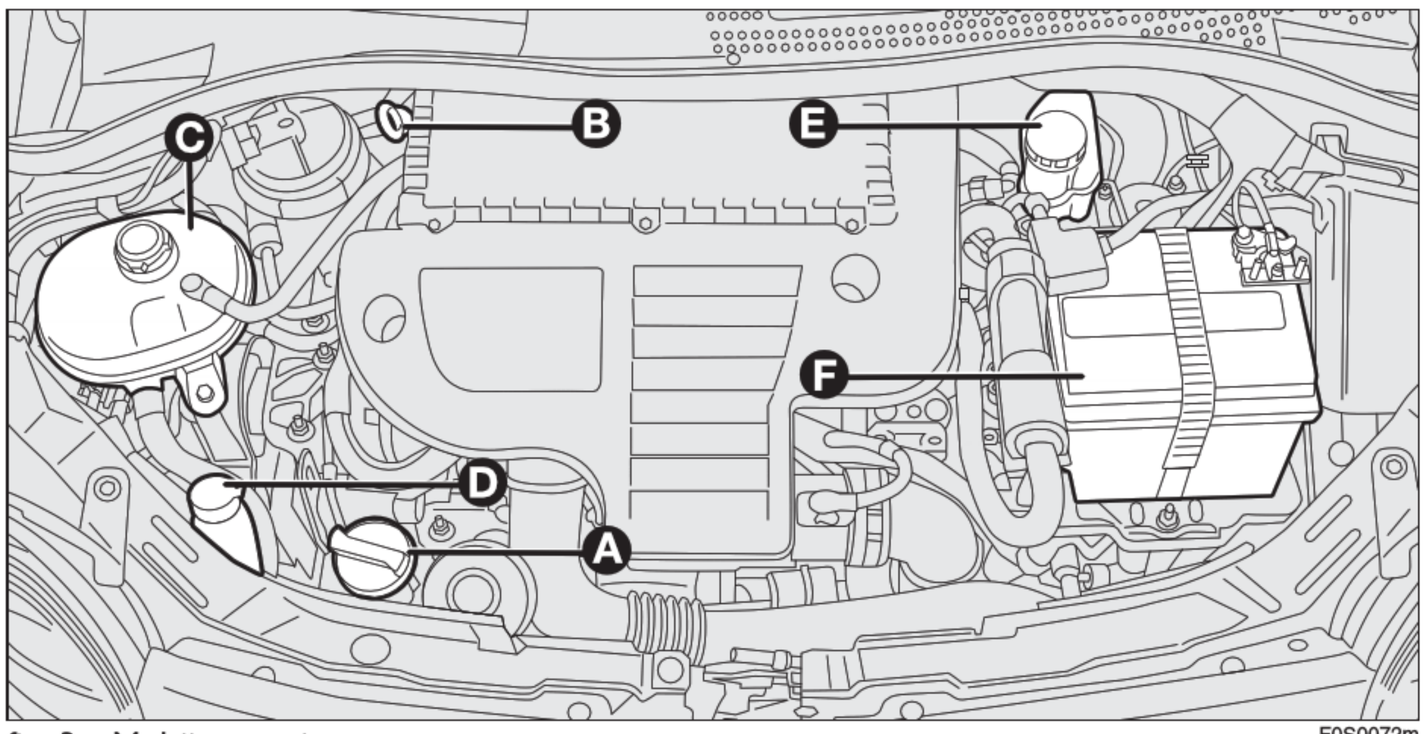
When topping up, pay attention not to confuse the various types of fluids: they are all reciprocally incompatible and may severely damage your car.



F0S0071m

fig. 2- 1.4 versions

A. Engine oil filler
B. Engine oil level dispstick
C. Engine coolant
D. Windscreen washer fluid
E. Brake fluid
F. Battery



F0S0072m

fig. 3 - Multijet versions

A. Engine oil filler
B. Engine oil level dispstick
C. Engine coolant
D. Windscreen washer fluid
E. Brake fluid
F. Battery

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ENGINE OIL fig.1-2-3

Check the oil level a few minutes (about 5) after the engine has stopped, with the car parked on level ground.

The oil level shall be included between the MIN and MAX marks on the dipstick **B**.

The range between the MIN and MAX levels corresponds to approximately 1 litre of oil.

If the oil level is near or even under the MIN line, add oil through the filler **A** to reach the MAX line.

Oil level shall never exceed the MAX line.

Engine oil consumption

The maximum engine oil consumption is usually 400 grams every 1000 km.

When the car is new, the engine needs to run in, therefore the engine oil consumption can only be considered stabilised after the first 5,000 ÷ 6,000 km.

IMPORTANT The oil consumption depends on driving style and the conditions under which the car is used.

IMPORTANT After adding or changing the oil, let the engine turn over for a few seconds and wait a few minutes after turning it off before you check the level.

WARNING

Proceed very carefully inside the engine compartment when the engine is hot: risk of burns. Remember that the fan may start up if the engine is hot: risk of injury. Pay attention to scarves, ties and other loose fitting garments: they might get caught by moving components.

Don't add any oil having different characteristics from those of the existing engine oil.

The exhausted engine oil and the replaced oil filter contain substances that may be dangerous for the environment. It is advisable to have oil and filters changed by a Fiat Dealership where they will be disposed of according to the law.

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ENGINE COOLANT fig. 1-2-3

The coolant level must be checked when the engine is cold and must be between the MIN and MAX lines on the vessel.

If the level is low, pour slowly a mixture of 50% distilled water and 50% PARAFLU UP of the FL Selenia Group through the filler neck **C** until the level reaches MAX.

A 50-50 mixture of PARAFLU UP and distilled water gives freeze protection to –35°C.

When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFLU UP and demineralised water.

PARAFLU UP antifreeze is used in the engine cooling system. Use fluid of the same type contained in the cooling system for top-ups. PARAFLU UP may not be mixed with other types of fluids. If this accidentally occurs, do not start the engine and contact a Fiat Dealership.

WARNING

The engine cooling system is pressurized. If required, replace the cap with an original spare part so as not to compromise system efficiency. Do not remove the cap from the vessel when the engine is hot: risk of burns.

WINDSCREEN/REAR WINDOW WASHER FLUID fig. 1-2-3

To add fluid, remove the cap **D**, pressing the special tab.

Pour a mixture of water and TUTELA PROFESSIONAL SC35, in the following concentrations:

30% TUTELA PROFESSIONAL SC35 and 70% water in summer.

50% TUTELA PROFESSIONAL SC35 and 50% water in winter.

In case of temperatures below –20°C, use undiluted TUTELA PROFESSIONAL SC35 fluid.

Check level through the reservoir.

Close the cap **D** pressing its central section.

WARNING

Do not travel with the windscreen washing reservoir empty: the windscreen washer is fundamental to improve visibility.

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

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BRAKE FLUID fig. 1-2-3

Release cap **E**: check that the liquid contained in the tank is at the maximum level.

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

Use the brake fluid shown in the "Fluids and lubricants" table (see "Technical Specifications").

NOTE Carefully clean the cap of reservoir **E** and the surrounding surface.

When opening the cap, make sure that no dirt gets into the reservoir.

For topping up always use a funnel with built-in filter (mesh smaller than or equal to 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 should be replaced at more frequent intervals than specified in the "Service schedule".

Prevent brake fluid which is highly corrosive from coming into contact with painted parts. Should that occur, immediately wash with water.

WARNING

The brake fluid is poisonous and highly corrosive. In the case of accidental contact, wash the parts with water and mild soap and rinse with plenty of water. In case of swallowing immediately call a doctor.

WARNING

The symbol ⓞ, on the container indicates a synthetic brake fluid, which is different from a mineral fluid. Use of a mineral type fluid will damage the special rubber seals of the braking system beyond repair.

AIR CLEANER/ POLLEN FILTER

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

DIESEL FUEL FILTER

DISCHARGE OF THE CONDENSATE (Multijet versions)

The presence of water in the feeding circuit may cause severe damage to the injection system and irregular engine operation. If the warning light goes on, contact Fiat Dealership as soon as possible to have the system bled. Water may have been introduced in the tank if this appears immediately after refuelling: in this case, stop the engine immediately and contact a Fiat Dealership.

BATTERY

The car fits a low-maintenance battery: no top-ups with distilled water are needed in normal conditions of use.

INSPECTING THE CHARGE AND THE ELECTROLYTE LEVEL

Inspection operations must be carried out by specialised personnel, following the prescriptions contained in the Use and maintenance booklet. Any top-up operations must be carried out by specialised personnel and by Fiat Dealership.

WARNING

Battery liquid is poisonous and corrosive. Avoid contact with the skin and eyes. Keep naked flames and sources of sparks away from the battery: risk of explosion and fire.

WARNING

Running the battery with an excessively low liquid level will damage the battery beyond repair and even cause an explosion.

CHANGING THE BATTERY

If required, replace the battery with a genuine spare part having the same specifications.

If a battery with different specifications is fitted, the service intervals given in the "Service schedule" in this section will no longer be valid.

Refer therefore to the instructions provided by the battery manufacturer.

Incorrect assembly of electric and electronic devices may cause severe damage to your car. Go to a Fiat Dealership if you want to install accessories (alarms, mobile phone, etc.): they will suggest the most suitable devices and advise you if a higher capacity battery needs to be installed.

Batteries contain substances that can be very dangerous for the environment. t is advisable to have the battery changed by a Fiat Dealership where it will be disposed of according to the law.

WARNING

If the vehicle must remain unused for a long time at very low temperature, remove the battery and carry it to a warm place, to avoid freezing.

WARNING

When you must perform any operation on the battery or near it, always protect your eyes with the special goggles.

USEFUL ADVICE FOR LENGTHENING THE LIFE OF YOUR BATTERY

To avoid draining your battery and lengthen its life, observe the following indications:

- ❒ when you park the car, ensure the doors, tailgate and bonnet are closed properly;
- ❒ switch off all lights inside the car: the car is however equipped with a system which switches all internal 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 battery negative cable;
- ❒ battery terminals shall always be perfectly tightened.

IMPORTANT If the charge level remains for a long time under 50%, the battery is damaged by sulphation, reducing its capacity and starting attitude.

The battery will also be more at risk of freezing (e.g. already at -10°C). Refer to the paragraph "Car inactivity" in "Starting and driving" if the car is left parked for a long time.

If after buying the car, you want to install electric accessories which require permanent electric supply (alarm, etc.) contact Fiat Dealership whose qualified personnel, in addition to suggesting the most suitable devices, will evaluate the overall electric absorption, checking whether the car's electric system is capable of withstanding the load required, or whether it should be integrated with a more powerful battery.

Since these devices continue absorbing energy even when the ignition key is off, they gradually run down the battery.

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WHEELS AND TYRES

Check the pressure of each type, including the spare, approximately once every two weeks and before starting a long journey: this check must be performed with the tyre rested and cold.

It is normal for pressure to increase when the car is used. For the correct tyre inflation pressure, see "Wheels" in "Technical specifications" section.

Wrong pressure causes abnormal wear of tyres **fig. 4**:

A normal pressure: evenly worn tread.

B low pressure: tread particularly worn on the edges.

C excessive pressure: tread particularly worn in the middle.

The tyres must be replaced when the tread is less than 1.6 mm thick. In all cases, follow the laws in force in the country where you are driving.

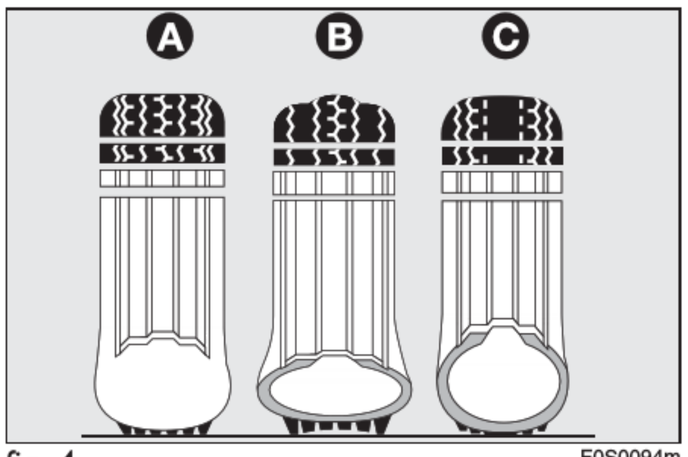


fig. 4 F0S0094m

IMPORTANT NOTES

❒ Avoid braking suddenly, burning starts and violent knocks against the curb, potholes or other obstacles if possible. Long distances on rough roads may damage the tyres;

❒ check the tyres regularly for cuts on the sides, swelling or irregular tread wear. Go to a Fiat Dealership if required.

❒ do not over load your car: this may cause serious damage to wheels and tyres;

❒ if a tyre is punctured, stop immediately and charge it to avoid damage to the tyre, the rim, suspensions and steering system;

- ❒ a tyre will age even if it is not used much. Cracks in the tread and on the sidewalls are a sign of ageing. Have the tyres checked by specialised personnel if they have been fitted for longer than 6 years. Remember to check the spare wheel very carefully;
- ❒ In the case of replacement, always fit new tyres, avoiding those of dubious origin;
- ❒ If a tyre is changed, also change the inflation valve;
- ❒ to allow even wear between the front and rear tyres, it is advisable to change them over every 10-15 thousand kilometres, keeping them on the same side of the car so as not to reverse the direction of rotation.

WARNING

Remember that the road holding qualities of your car also depends on the correct inflation pressure of the tyres.

WARNING

If the pressure is too low the tyre will get overheated, with the risk of serious damages.

WARNING

Avoid moving the tyres from the right side of the vehicle to the left side and vice versa.

WARNING

Do not repaint alloy wheel rims at temperatures higher than 150°C. The mechanical characteristics of the wheels might be disrupted.

RUBBER HOSES

As far as the brake system and fuel rubber hoses are concerned, carefully follow the "Service schedule" in this section.

Ozone, high temperatures and prolonged lack of fluid in the system may cause hardening and cracking of the hoses, with possible leaks. Careful inspections are therefore necessary.

WINDSCREEN/ REAR WINDOW WIPERS

BLADES

Periodically clean the rubber part using special products; TUTELA PROFESSIONAL SC35 is recommended.

Replace the blades if the rubber edge is deformed or worn. In all cases, it is advisable to replace them approximately once a year.

A few simple precautions can reduce the possibility of damage to the blades:

❒ make sure that the rubber part is not stuck to the windscreen at sub-zero temperatures. Use an antifreeze product to release it if required.

❒ remove the snow from the window: this will avoid overstressing the electrical motor in addition to protecting the blades;

❒ do not operate the windscreen and the rear screen wipers on dry glass.

WARNING

Driving with worn wiper blades is a serious hazard, because visibility is reduced in bad weather.

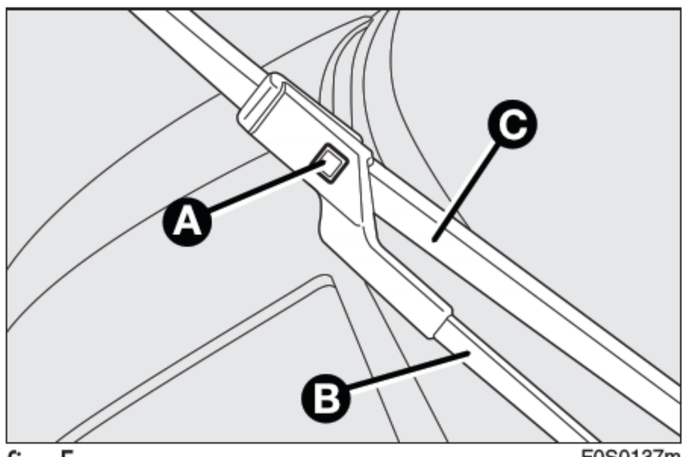


fig. 5 F0S0137m

Replacing the windscreen wiper blades fig. 5

Proceed as follows:

❒ lift the arm **A** of the wiper and position the blade so that it forms an angle of 90° with the arm itself;

❒ press the button **A** and extract from the arm **B** the brush **C**;

❒ insert the new blade making sure it is locked.

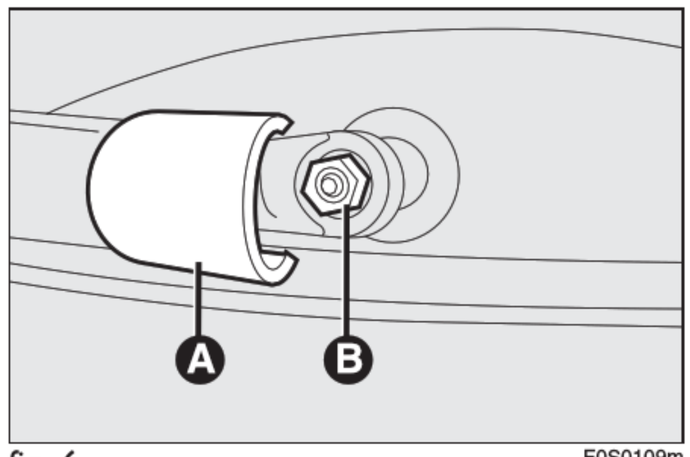


fig. 6 F0S0109m

Changing the rear window blade fig. 6

Proceed as follows:

❒ raise the cover **A** and remove the arm from the car, slackening the nut **B** that fastens it to the pivot pin;

❒ fit the new arm, positioning it correctly, and fully tighten the nut;

❒ lower the cover.

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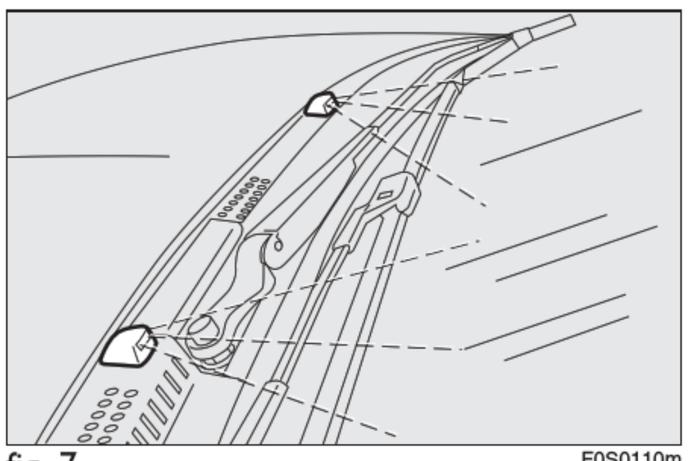


fig. 7 F0S0110m

SPRAY NOZZLES

Windscreen washer fig. 7

If the jet of fluid is inadequate, firstly check that there is fluid in the reservoir: see "Checking fluid levels" in this section).

Then check that the nozzle holes are not clogged, if necessary use a needle.

The windscreen jets are directed by adjusting the angle of the nozzles.

Fluid jets shall be directed at about $^{1}/_{3}$ height from the window upper edge.

IMPORTANT For the versions with sunroof, before operating the front sprays, ensure that the sunroof is closed.

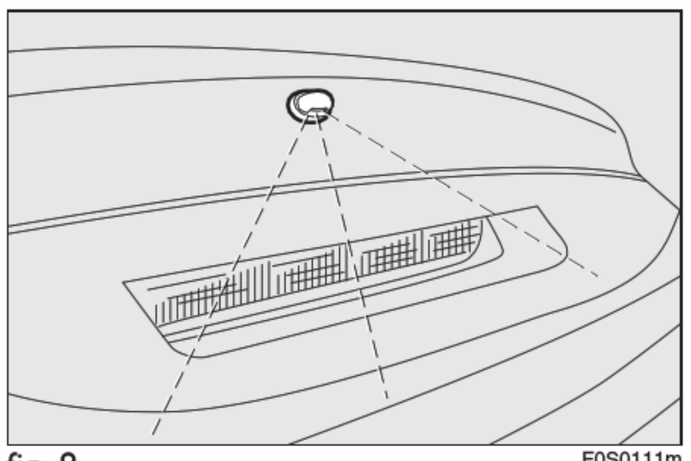


fig. 8 F0S0111m

Rear window wiper fig. 8

Rear window washer jets are fixed.

The nozzle holder is on the rear window.

BODYWORK

PROTECTION FROM ATMOSPHERIC AGENTS

The main causes of corrosion are the following:

- ❒ atmospheric pollution;
- ❒ salty air and humidity (coastal areas, or hot humid climates);
- ❒ seasonal environment conditions.

Not to be underestimated is also the abrasive action of wind-borne atmospheric dust and sand and mud and gravel raised by other cars.

On your car, Fiat implemented the best manufacturing technologies to effectively protect the bodywork against corrosion.

These are the most important:

- ❒ painting products and systems which give the car particular resistance to corrosion and abrasion;
- ❒ use of galvanised (or pre-treated) steel sheets, with high resistance to corrosion;
- ❒ spraying the underbody, engine compartment, wheelhouse internal parts and other parts with highly protective wax products;

- ❒ spraying of plastic parts, with a protective function, in the more exposed points: underdoor, inner fender parts, edges, etc.
- ❒ use of "open" boxed sections to prevent condensation and pockets of moisture from triggering rust inside.

BODY AND UNDERBODY WARRANTY

Your car is covered by warranty against perforation due to rust of any original element of the structure or body.

For the general terms of this warranty, refer to Fiat Warranty Booklet.

ADVICE FOR PRESERVING THE BODYWORK

Paint

Paintwork does not only serve an aesthetic purpose, but also protects the underlying sheet metal.

Touch up abrasions and scratches immediately to prevent the formation of rust. Only use genuine spare paint products for touch-ups (see "Bodywork paint identification plate" in the "Technical Specifications" section).

Normal maintenance of paintwork consists in washing the car: the frequency depends on the conditions and environment where the car is used. For example, it is advisable to wash the car more often in areas with a high environmental pollution or on roads sprinkled with salt.

To correctly wash the car:

- ❒ remove the aerial from the roof to prevent damage to it if the car is washed in an automatic system;
- ❒ if high pressure water jets are used to wash the car, make sure they are at least 40 cm away from the bodywork to avoid causing damage. It should be remembered that a build up of water could cause damage, in the long term, to the car;
- ❒ wash the body using a low pressure jet of water;
- ❒ wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing with the sponge;
- ❒ rinse well with water and dry with a jet of air or a chamois leather.

Dry the parts less in sight particularly carefully, such as the door frames and the headlight frames, where water may stagnate more easily. It is a good idea to leave the car in the open for a while after washing it to give time for the water to evaporate.

Do not wash the car after it has been parked in the sun or when the engine is bonnet is hot: this could take the shine off the paint.

Exterior plastic parts must be cleaned in the same way as the rest of the car.

Where possible, do not park under trees; the resinous substance many species release give the paint a dull appearance and increase the possibility of triggering rust processes.

IMPORTANT Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.

Detergents cause water pollution. The car should be washed in areas equipped for collecting and purifying the liquid used in the washing process.

Windows

Use specific window cleaner products.

Use also clean cloths to avoid scratching the glass or damaging the transparency.

IMPORTANT The inside of the rear window should be wiped gently with a cloth in the direction of the filaments to avoid damaging the heating device.

Engine compartment

At the end of each winter, thoroughly wash the engine compartment, taking care to avoid directly hitting with the water jet the electronic control units and the relay/fuse control unit on the left side of the engine compartment (running direction). Have this operation performed at a specialised workshop.

IMPORTANT Perform this operation on a cold engine and with the key at **STOP**. After the washing operation, make sure that the various protections (e.g. rubber caps and guards) have not been removed or damaged.

Front headlights

IMPORTANT Never use aromatic substances (e.g.: petrol) or ketenes (e.g.: acetone) for cleaning front headlight plastic lens.

INTERIORS

Periodically check that water is not trapped under the mats (due to water dripping off shoes, umbrellas, etc.) which could cause oxidisation of the sheet metal.

WARNING

Never use flammable products, such as petrol ether or rectified petrol to clean inside the car. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.

WARNING

Don't keep aerosol cans in the vehicle: risk of explosion. Aerosol cans must not be exposed to a temperature exceeding 50°C. When the vehicle is exposed to sunlight, inner temperature can greatly exceed this value.

CLEANING 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 moistened with a solution of water and neutral detergent.

INTERIOR PLASTIC PARTS

It is advisable to clean interior parts with a moist cloth and a solution of water and mild soap. Use specific products for cleaning plastic, without solvents and specifically designed to prevent damage to the appearance and colour of the treated parts to remove grease and tough stains.

IMPORTANT Never use spirit or petroleum to clean the instrument panel.

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TECHNICAL SPECIFICATIONS

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IDENTIFICATION DATA

Take note of the identification codes. The following identification codes are printed and shown on the plates:

- ❒ Model plate.
- ❒ Chassis marking.
- ❒ Bodywork paint identification plate.
- ❒ Engine marking.

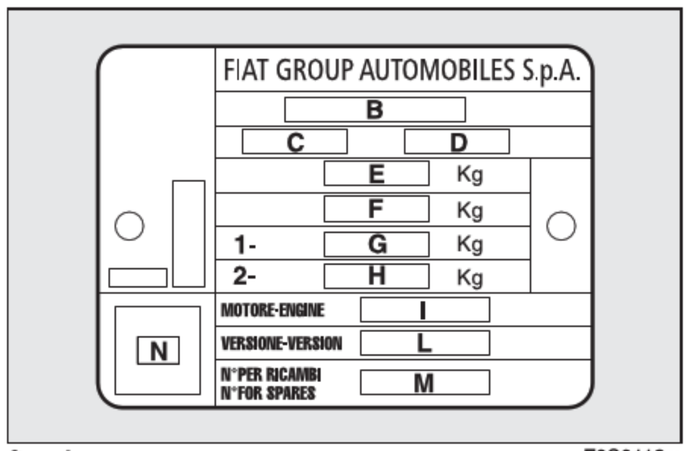


fig. 1 F0S0112m

MODEL PLATE fig. 1

The plate is to be found on the left side of the boot floor and it bears the following identification data:

B Homologation number.

C Vehicle type code.

D Chassis number.

E Maximum vehicle weight fully loaded.

F Maximum vehicle weight fully loaded with trailer.

G Maximum vehicle weight on front axle.

H Maximum vehicle weight on rear axle.

I Engine type.

L Body version code.

M Spare part code.

N Smoke opacity index (for diesel engines).

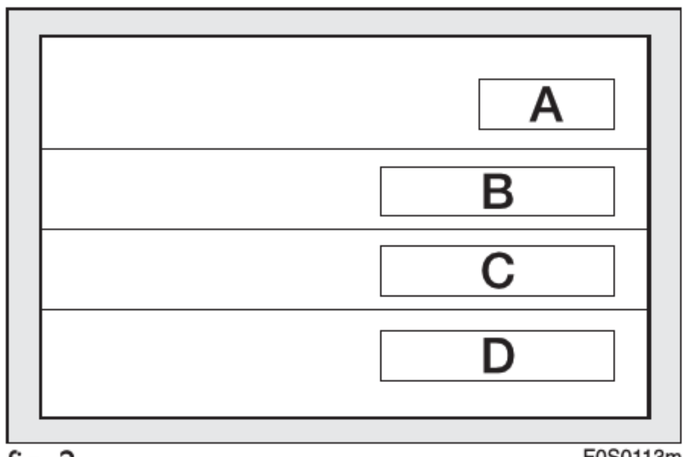


fig. 2 F0S0113m

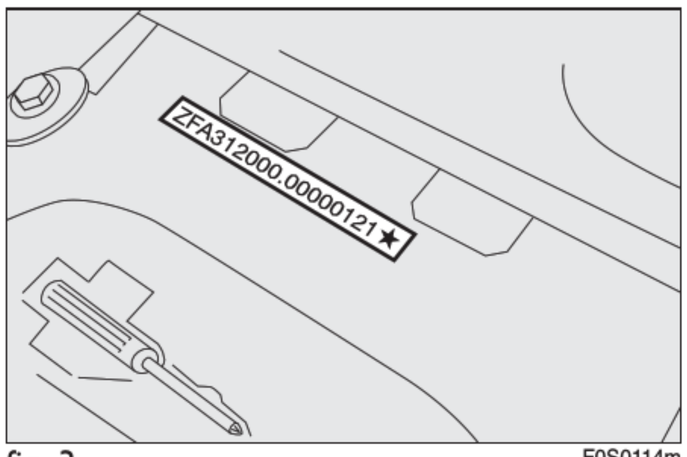


fig. 3 F0S0114m

BODYWORK PAINT IDENTIFICATION PLATE fig. 2

The plate is applied on the external tailgate post (left side) and it bears the following data:

A Paint manufacturer.

B Colour name.

C Fiat colour code.

D Respray and touch up code.

CHASSIS MARKING fig. 3

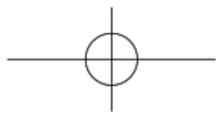
The plate is to be found on the right side of the boot floor and it bears the following identification data:

❒ car model ;

❒ chassis number.

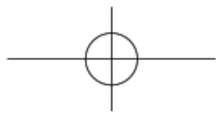
ENGINE MARKING

Engine marking is stamped on the cylinder block and includes the model and the chassis number.



ENGINE CODES - BODYWORK VERSIONS

Versions	Engine type code	Bodywork version code
1.2 8V 69 HP	169A4000	312AXA1A
1.4 16V 100 HP	169A3000	312AXC1B
1.3 16V Multijet 75 HP	169A1000	312AXB1A



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ENGINE

GENERAL		1.2 8V 69 HP	1.4 16V 100 HP	1.3 Multijet 75 HP
Engine code		169A4000	169A3000	169A1000
Cycle		Otto	Otto	Diesel
Number and layout of cylinders		4 in line	4 in line	4 in line
Piston bore and stroke	mm	70.8 x 78.86	72 x 84	69.6 x 82
Total displacement	cm^3	1242	1368	1248
Compression ratio		11.1:1	10.8:1	17.6:1
Maximum power (EEC) corresponding ratio	kW HP rpm	51 69 5500	73,5 100 6000	55 75 4000
Maximum torque (EEC) corresponding ratio	Nm kgm rpm	102 10.4 3000	131 13.4 4250	145 14.8 1500
Spark plugs		NGK DCPR7E-N-10	NGK DCPR7E-N-10	–
Fuel		Unleaded petrol 95 R.O.N.	Unleaded petrol 95 R.O.N.	Diesel fuel for motor vehicles (EN590 Specification)

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FUEL FEED/IGNITION

	1.2 8V 69 HP - 1.4 16V 100 HP	1.3 16V Multijet 75 HP
Fuel feed	Multipoint electronic injection sequential phased, returnless system	Multijet direct injection "Common Rail" electronic control with con turbocharged engine and intercooler

WARNING

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

TRANSMISSION

	1.2 8V 69 HP - 1.4 16V 100 HP - 1.3 16V Multijet 75 HP
Gearbox	Five/six forward gears plus reverse with synchronisers for forward gears
Clutch	Self-adjusting with pedal without idle stroke
Drive	Front

BRAKES

	1.2 8V 69 HP - 1.4 16V 100 HP - 1.3 16V Multijet 75 HP
Service brakes:	
– front	disk type (self-ventilated for Multijet 1.3 and 1.4 engines)
– rear	drum-type and self-centring shoes with control cylinder for each wheel/disk type for 1.4 engine
Parking brake	controlled by hand lever, acting on rear brakes

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

SUSPENSIONS

	1.2 8V 69 HP - 1.4 16V 100 HP - 1.3 16V Multijet 75 HP
Front	with Mc Pherson type independent wheels; consisting of a mechanical crosspiece, shock absorbers, helical springs and for the versions with power steering by stabilizer bar.
Rear	with torquing axle and interconnected wheels; consisting of torquing axle and two tubular arms with shock absorbers and helical springs.

STEERING

	1.2 8V 69 HP - 1.4 16V 100 HP - 1.3 16V Multijet 75 HP
Type	rack and pinion with electric power steering (where provided for)
Diameter of steering between platforms (versions 1.2 8V and 1.3 Multijet) m	9.2
Diameter of steering between platforms (versions 1.4 16V m	10.6

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WHEELS

RIMS AND TYRES

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

IMPORTANT In the event of discrepancies between the information provided on this "Owner handbook" and the "Log book", consider the specifications shown in the log book only.

Respect the prescribed size to ensure safety of the car in movement. Fit tyres of the same make and type on all wheels.

IMPORTANT Do not use inner tubes with Tubeless tyres.

SMALL SPARE WHEEL

Pressed steel rim Tubeless tyre.

WHEEL GEOMETRY

Toe-in measured between rims:
0,5 ± 1 mm

The values refer to the car in running order.

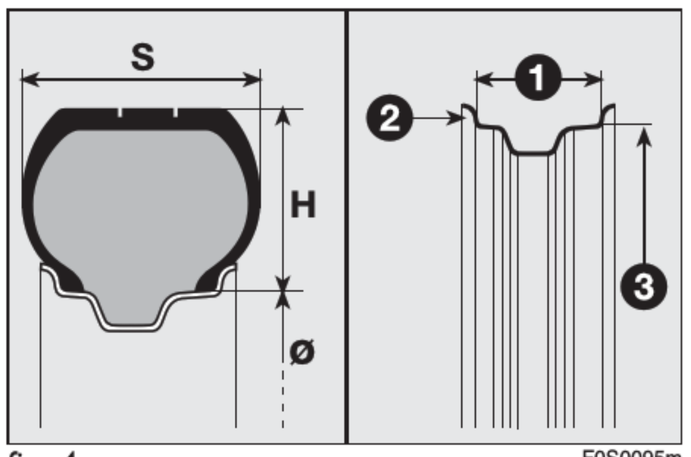


fig. 4 F0S0095m

READING TYRE MARKINGS fig. 4

Example: 175/65 R 14 82H

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

65 = Height/width ratio (H/S) in percentage.

R = Radial tyre.

14 = Rim diameter in inches (Ø).

82 = Load rate (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 rating for snow tyres

QM + S = up to 160 km/h.

TM + S = up to 190 km/h.

HM + S = up to 210 km/h.

Load 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

READING RIM MARKINGS fig. 4

Example: 5,00 B x 14 H2

5,00 = rim width in inches **1**.

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

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

H2 = shape and number of the "humps" (circumference relief, holding into its seat the bead of the Tubeless tyre on the rim).

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Versions	Rims	Tyres Standard tyre	Tyres Snow tyre	Small spare wheel (where provided) Rim	Tyre
1.2 8V	5½ Jx14H2-ET35(*)	165/65 R14 79 T (*)	165/65 R14 79 Q (M+S) (*)	4J R14-ET43	135/80 R14 84P
	5½ Jx14H2-ET35	175/65 R14 82 T	175/65 R14 82 Q (M+S)		
	6 Jx15H2-ET35 (●)	185/55 R15 82 T (▲)	185/55 R15 82 Q (M+S)		
	6½ Jx16H2-ET35 (●)	195/45 R16 84 T (▲)	195/45 R16 84 Q (M+S)	4J R14-ET43	135/80 B14 84M
1.4 16V	5½ Jx14H2-ET35	175/65 R14 82 H	175/65 R14 82 Q (M+S)	4J R14-ET43	135/80 R14 84P
	6 Jx15H2-ET35 (●)	185/55 R15 82 H (▲)	185/55 R15 82 Q (M+S)		
	6 Jx15H2-ET40	185/55 R15 82 H (▲)	185/55 R15 82 Q (M+S)		
	6½ Jx16H2-ET35 (●)	195/45 R16 84 H (▲)	195/45 R16 84 Q (M+S)	4J R14-ET43	135/80 B14 84M
1.3 Multijet	5½ Jx14H2-ET35	175/65 R14 82 T	175/65 R14 82 Q (M+S)	4J R14-ET43	135/80 R14 84P
	6 Jx15H2-ET35 (●)	185/55 R15 82 T (▲)	185/55 R15 82 Q (M+S)		
	6½ Jx16H2-ET35 (●)	195/45 R16 84 T (▲)	195/45 R16 84 Q (M+S)	4J R14-ET43	135/80 B14 84M

(*) Only available for versions without electric power steering
(▲) Snow chains cannot be installed
(●) Alloy rim

COLD INFLATION PRESSURE (bar)

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm. Recheck pressure value with cold tyres.

Tyres	Medium load		Full load		Small spare wheel
	Front	rear	Front	Rear	(where provided for)
165/65 R14 79 T	2.0	2.0	2.2	2.2	
175/65 R14 82 T	2.0 (○)/2.2 (▽)	2.0	2.2 (○)/2.3 (▽)	2.2	
175/65 R14 82 H	2.2	2.0	2.3	2.2	
185/55 R15 82 T	2.2	2.1	2.3	2.3	2.8
185/55 R15 82 H	2.2	2.1	2.3	2.3	
195/45 R16 84 T	2.2	2.1	2.4	2.3	
195/45 R16 84 H	2.2	2.1	2.4	2.3	

(○) For versions 1.2 8V
(▽) For versions 1.3 Multijet

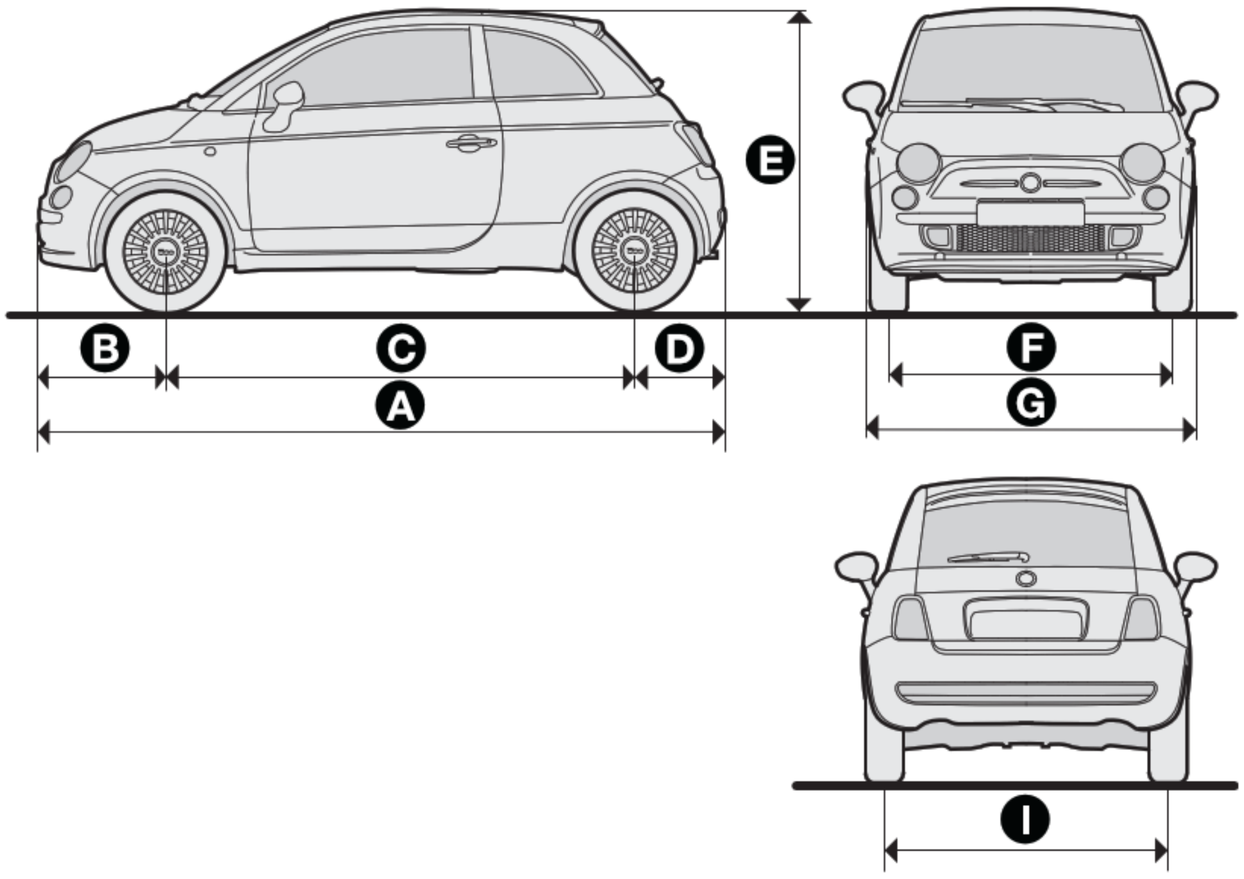


fig. 5

F0S0088m

DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres.

The height refers to the vehicle unladen.

Boot volume

Unladen boot volume
(V.D.A. standards) ..... 185 litres

Versions	A	B	C	D	E	F	G	I
1.2 8V 69 HP	3546	703	2300	543	1488(*)	1413	1627	1407
1.4 16V 100 HP	3546	703	2300	543	1488(*)	1413/1414(▲)	1627	1408
1.3 Multijet 75 HP	3546	703	2300	543	1488(*)	1413	1627	1407

(*) Track measurements may vary according to rim/tyre size.
(▲) With 195/45 R16 tyres

PERFORMANCE

Top admitted speed after initial car use in km/h.

1.2 8V 69 HP	160
1.4 16V 100 HP	182
1.3 16V Multijet 75 HP	165

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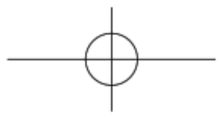
WEIGHTS

Weights (kg)	1.2 8V 69 HP	1.4 16V 100 HP	1.3 16V Multijet 75 HP
Unladen weight (with all liquids, fuel tank filled to 90% and without optional equipment):	865	930	980
Carrying capacity (*) including the driver:	440	440	440
Maximum admitted loads (**) – front axle: – rear axle: – total:	 770 640 1305	 830 640 1370	 830 640 1420
Towable loads – trailer with brakes: – trailer without brakes:	 800 400	 800 400	 800 400
Maximum load on tow hitch (trailer with brakes):	60	60	60

(*) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases, thus reducing the specified payload.

(**) Loads not be exceeded. The driver is responsible for arranging the loads in the boot and/or on the roof so that they comply with these limits.

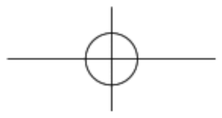
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CAPACITIES

		1.2 8V 69 HP	1.4 16V 100 HP	1.3 16V Multijet 75 HP	Prescribed fuels and Original lubricants
Fuel tank: including a reserve of:	litres litres	35 5	35 5	35 (▲) 5 (▲)	Unleaded petrol, at least 95 R.O.N. (▲) Diesel fuel for motor vehicles (EN590 specifications)
Engine cooling system:	litres	4.85	4.4	6.3	Mixture of 50% distilled water and **PARAFLU UP** (❑)
Engine sump:	litres	2.5	2.75	2.5 (●)	**SELENIA K P.E.** (●) **SELENIA WR P.E.**
Engine sump and filter:	litres	2.8	2.90	2.8 (●)	
Gearbox/differential casing:	litres	1.65	1.65	1.65	**TUTELA CAR TECHNYX**
Hydraulic brake circuit:	kg	0.55	0.55	0.55	**TUTELA TOP 4**
Windscreen and rear window washer fluid tank:	litres	2.5	2.5	2.5	Mixture of water and **TUTELA PROFESSIONAL SC 35**

(❑) When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFLU UP and demineralised water.



FLUIDS AND LUBRICANTS

RECOMMENDED PRODUCTS AND SPECIFICATIONS

Use	Fluid and lubricant specifications for correct car operation	Recommended fluids and lubricants	Change intervals
Lubricants for petrol engines	Lubricants with synthetic base, grade SAE 5W-40 ACEA C3. Qualification **FIAT 9.55535-S2**.	**SELENIA K P.E.** Contractual Technical Reference N° F603.C07	According to Service Schedule
Lubricants for diesel engines (versions 1.3 Multijet)	Lubricants with synthetic base, grade SAE 5W- 30. Qualification **FIAT 9.55535-S1**.	**SELENIA WR P.E.** Contractual Technical Reference N° F510.D07	According to Service Schedule

For diesel engines, in emergency situations where genuine products are unavailable, lubricants with at least ACEA C2 performance are allowed. However, engine optimum performance is not guaranteed. We recommend to have the products replaced with the appropriate genuine lubricants by the Fiat Dealership, as soon as possible.

The use of products with features lower than ACEA C3 and ACEA C2 could cause engine damage not covered by warranty.

When the vehicle is used under particularly harsh climate conditions request from Fiat Dealership the appropriate product of the **Selenia** range.

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Use	Fluid and lubricant specifications for correct car operation	Recommended fluids and lubricants	Applications
Lubricants and greases for movement transmission	Synthetic lubricant, grade SAE 75W- 85 Exceeds the API GL4 PLUS, FIAT 9.55550 specifications	**TUTELA CAR TECHNYX** Contractual Technical Reference N° F010.B05	Mechanical gearbox and differential
	Molybdenum bisulphide grease, resistant to high temperatures. Consistency NL.GI. 1-2	**TUTELA ALL STAR** Contractual Technical Reference N° F702.G07	CV joints on wheel side
	Poly-urea synthetic-based grease suitable for high temperatures. Consistency N.L.G.I.2.	**TUTELA STAR 325** Contractual Technical Reference N° F301.D03	CV joints on differential side
Brake fluid	Synthetic fluid FMVSS n° 116 DOT 4, ISO 4925 SAE J1704, CUNA NC 956- 01	**TUTELA TOP 4** Contractual Technical Reference N° F001.A93	Brake and clutch hydraulic controls
Protective agent for radiators	Red protective with antifreeze action, based on inhibited monoethylen glycol with organic formula based on O.A.T. That passes CUNA NO 956-16, ASTM D 3306 specifications	**PARAFLU UP (*)** Contractual Technical Reference N° F101.M01	Cooling circuits proportions of use: 50% demineralised water 50% PARAFLU UP (❑)
Windscreen/ rear window washer fluid	Mixture of alcohol, water and surfactants CUNA NO 956-II	**TUTELA PROFESSIONAL SC 35** Contractual Technical Reference N° F201.D02	To be used diluted or undiluted in windscreen/rear window washer/wiper systems
Additive for diesel fuel	Additive for diesel fuel, protecting Diesel engines	**TUTELA DIESEL ART** Contractual Technical Reference N° F601.L06	To be mixed with fuel oil (25 cc per 10 litres)

(*) IMPORTANT Don't use fluids having different specifications for topping up or mixing.
(❑) When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFLU UP and demineralised water.

FUEL CONSUMPTION

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

The procedures below are followed for measuring consumption:

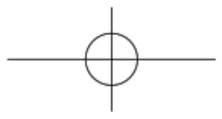
- ❒ urban cycle: cold starting followed by driving that simulates urban use of the car;
- ❒ extraurban cycle: frequent accelerations in all gears, simulating extraurban use of the car: speed varies between 0 and 120 km/h;
- ❒ combined consumption: calculated weighing about 37% of urban cycle consumption and about 63% of extraurban consumption.

IMPORTANT The type of route, traffic situations, weather conditions, driving style, general conditions of the car, trim level/equipment/accessories, load, climate control system, roof rack, other situations that affect air drag may lead to different fuel consumption levels than those measured.

Fuel consumption according to Directive 2004/3/CE (litres x 100 km)

Versions	Urban	Extra-urban	Combined
1.2 8V 69 HP	6.4	4.3	5.1
1.4 16V 100 HP	8.2	5.2	6.3
1.3 16V Multijet 75 HP	5.3	3.6	4.2

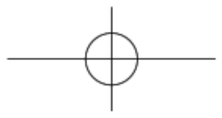
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CO_2 EMISSIONS

The CO_2 emission levels at the exhaust given in the following tables refer to combined consumption.

Versions	CO_2 emissions according to 2004/3/CE Directive (g/km)
1.2 8V 69 HP	119
1.4 16V 100 HP	149
1.3 16V Multijet 75 HP	110



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DECLARATION OF CONFORMITY

Directive 99/5/EC (R&TTED)

Manufacturer or
Authorized representative: Delphi Deutschland GmbH

Address: Wiehlpuhl 4
D-51766 Engelskirchen
Germany

We declare on our sole responsibility, that the following product:

Kind of equipment: **Vehicle Immobilizier**

Type-designation: **FI2-125 kHz**

is in compliance with the essential requirements of §3 of the R&TTED.

- Health and safety requirements pursuant to §3(1)a:
  Applied Standard(s) or other means of providing conformity:
  EN60950-1:2001

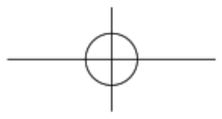
- Protection requirements concerning EMC §3(1)b:
  Applied Standard(s) or other means of providing conformity:
  2006/28/EC

- Measures for the efficient use of the radio frequency spectrum §3(2)
  Applied Standard(s) or other means of providing conformity:
  ETSI-EN 300 330-2 V1.3.1 (2006-04)

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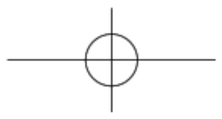
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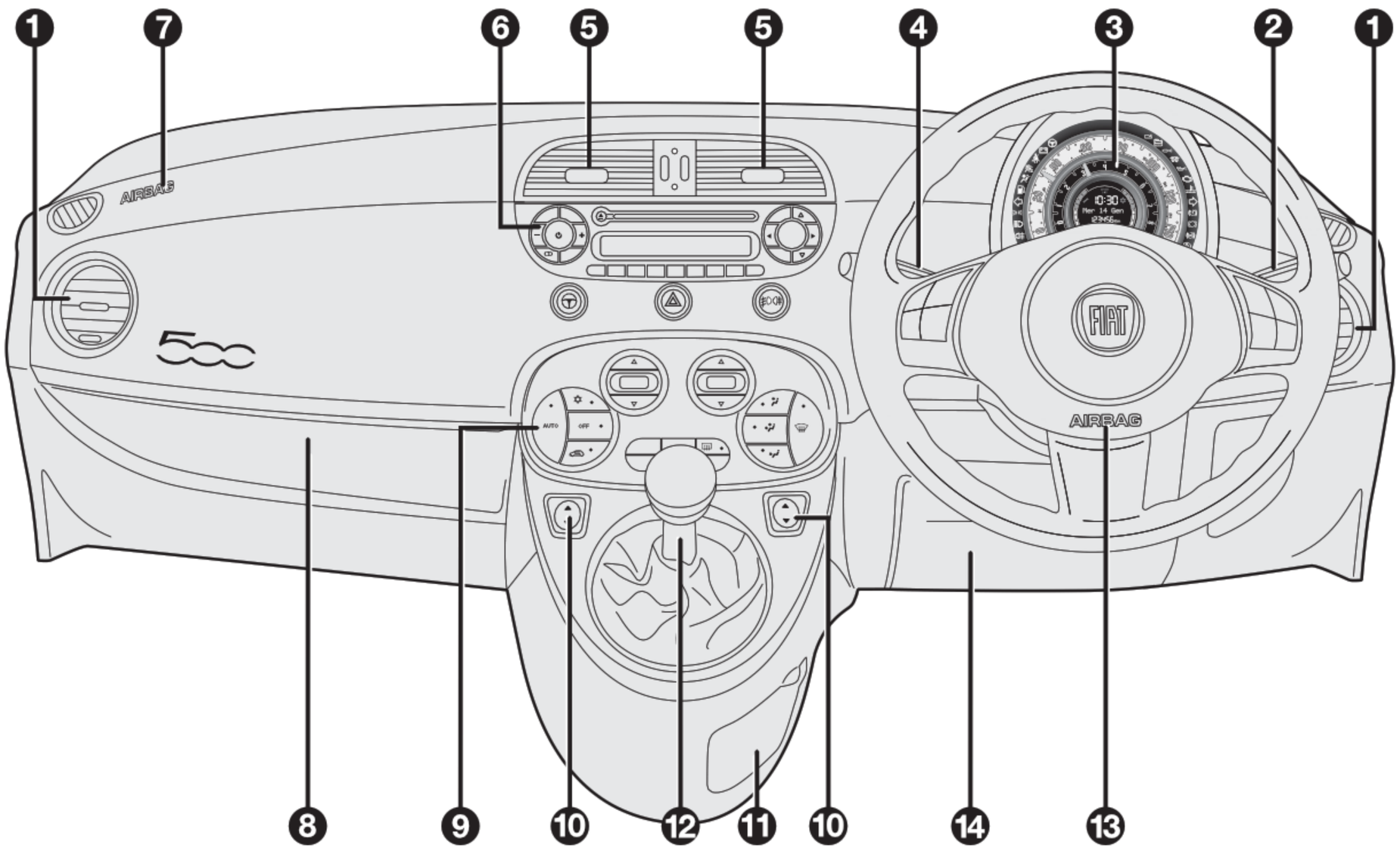
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DASHBOARD

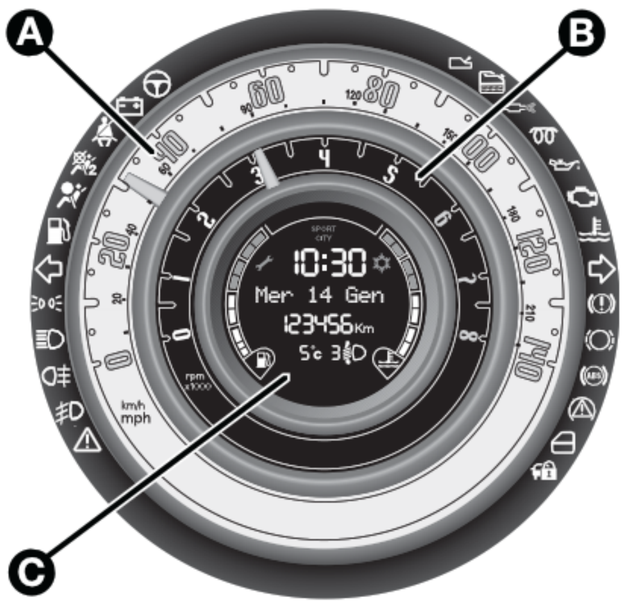


F0S0200m

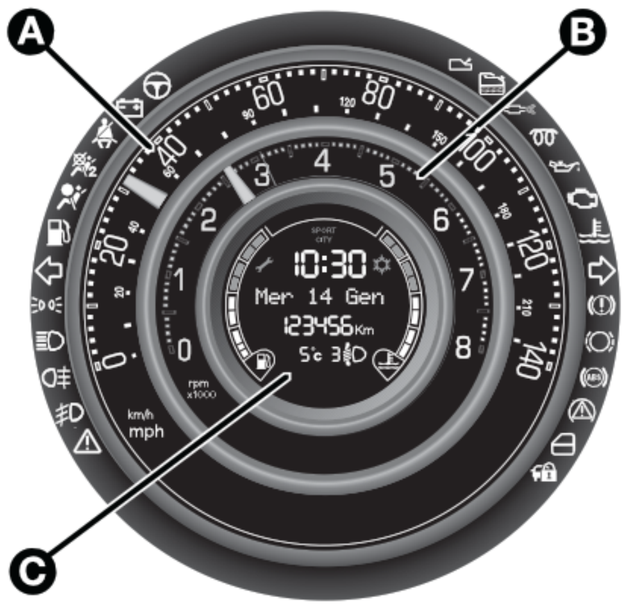
1. Side vent – 2. Right stalk: controls wiper, washer, trip computer – 3. Instrument panel and warning lights – 4 . Left stalk: external lights control – 5. Central air vents – 6. Oddment/Car radio compartment – 7. Passenger air bag – 8. Oddment compartment/hidden document tray – 9. Heating/ventilation/climate control – 10. Power windows control – 11. Oddment compartment - 12. Gear lever – 13. Driver air bag – 14. Driver knee bag.

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INSTRUMENT PANEL AND ONBOARD INSTRUMENTS



F0S0215m



Sport version

F0S0217m

Versions with multifunctional display

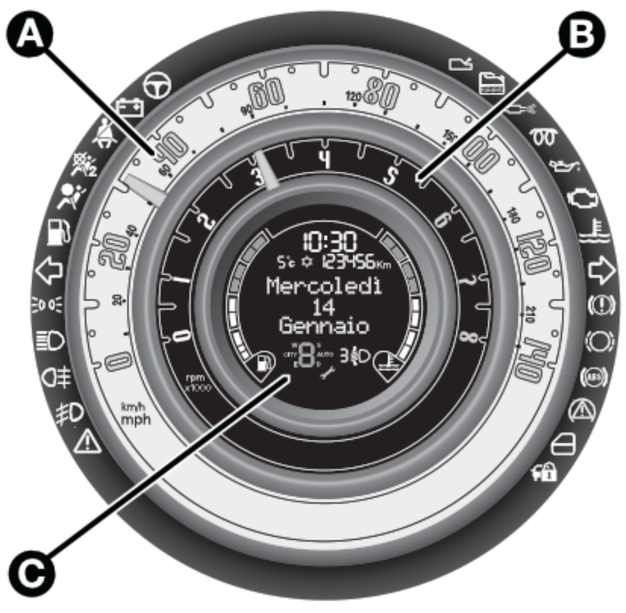
A Speedometer (speed indicator)

B Rev counter (on the diesel versions, the odometer f.s.d is 6000 rpm)

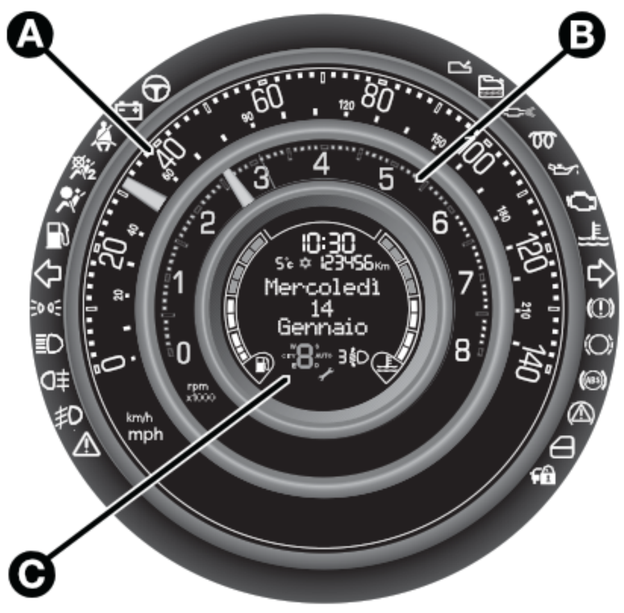
C Multifunctional display with digital fuel level indicator and digital indicator of engine coolant temperature.

Lights and are available only on Diesel versions.

The light is available only on versions with Dualogic gear (see "Dualogic" supplement).



F0S0216m



Sport version

F0S0218m

Versions with reconfigurable multifunctional display

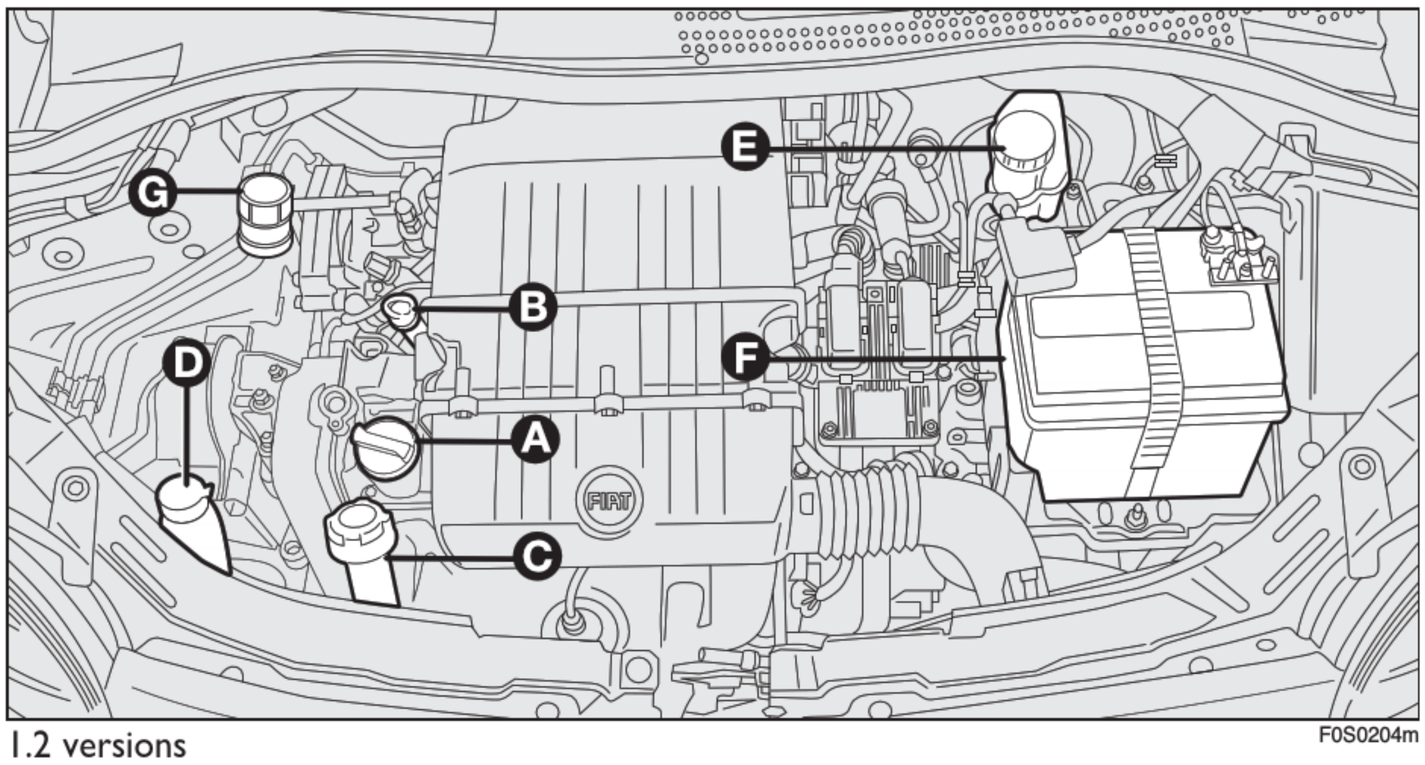
A Speedometer (speed indicator)

B Rev counter (on the diesel versions, the odometer f.s.d is 6000 rpm)

C Configurable multifunctional display with digital fuel level indicator and digital indicator of engine coolant temperature.

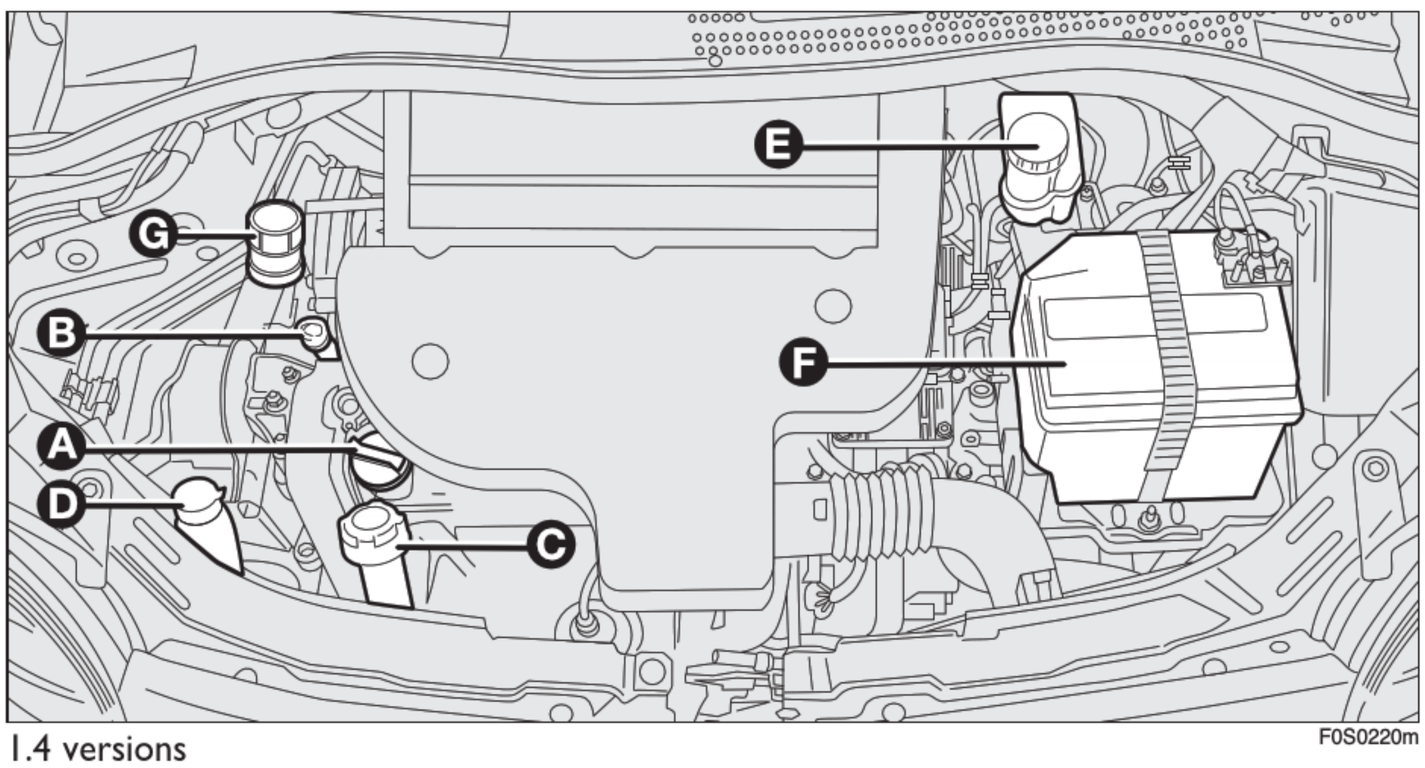
Lights and are available only on Diesel versions.

The light is available only on versions with Dualogic gear (see "Dualogic" supplement).



1.2 versions

F0S0204m



1.4 versions

F0S0220m

ENGINE COMPARTMENTS

A. Engine oil filler

B. Engine oil level dispstick

C. Engine coolant

D. Windscreen washer fluid

E. Brake fluid

F. Battery

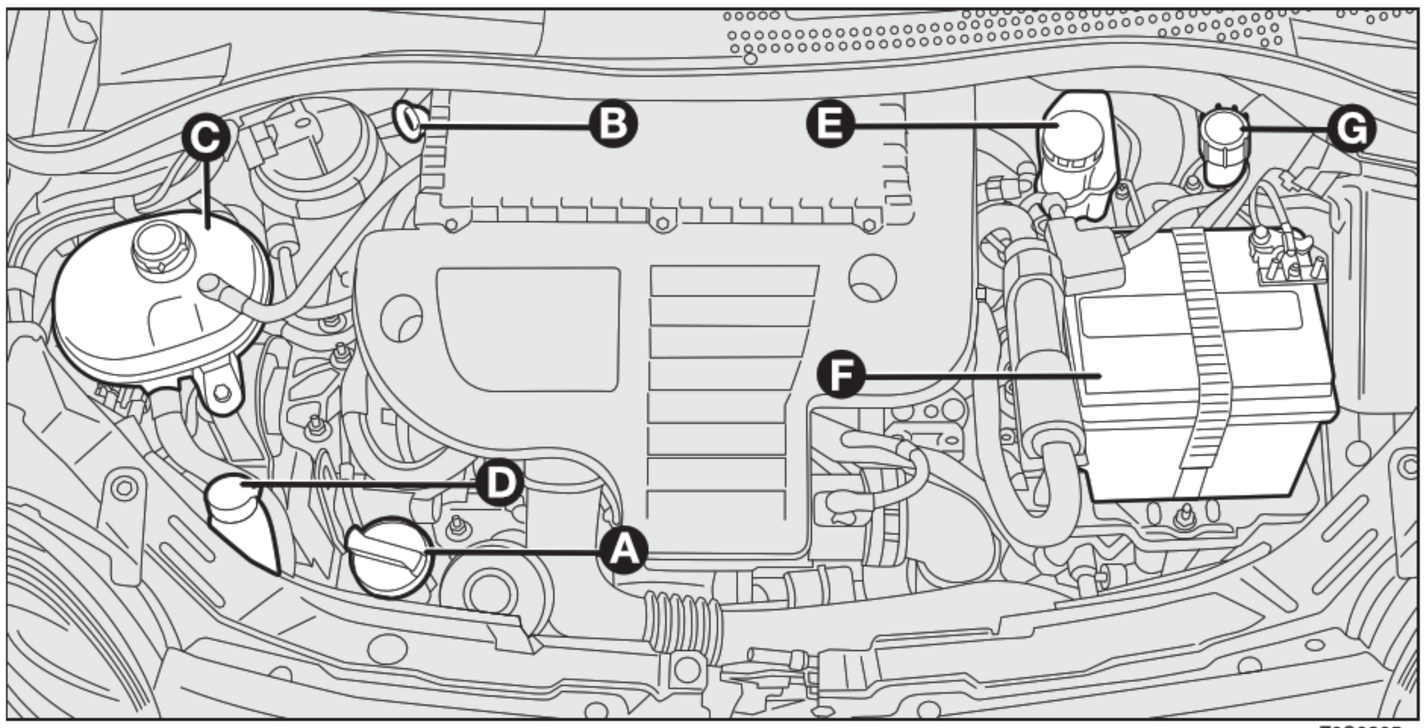
G. Clutch fluid

WARNING

Never smoke while working in the engine compartment, there might be flammable gases and vapours, with fire hazards.

When topping up, pay attention not to confuse the various types of fluids: they are all reciprocally incompatible and may severely damage your car.

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Multijet versions F0S0205m

A. Engine oil filler
B. Engine oil level dispstick
C. Engine coolant
D. Windscreen washer fluid
E. Brake fluid
F. Battery
G. Clutch fluid

CAPACITIES

	Petrol version	Multijet version
Hydraulic brake circuit	0.55 kg	0.55 kg
Clutch hydraulic controls	0.100 litres	0.120 litres

PROVISIONS FOR THE PROCESSING OF A VEHICLE AT THE END OF ITS LIFE-CYCLE

For years now Fiat has been developing its global commitment towards the safeguarding and protection of the Environment through the continuous improvement of its production processes and the making of increasingly more "eco friendly" products. With a view to guaranteeing the best possible service to clients in full observance of environmental standards and in response to the obligations imposed by European Directive 2000/53/EC on end-of-life vehicles, Fiat offers its clients the possibility to hand in their vehicle* at the end of its life span without additional costs.

The European Directive, in fact, provides for the take-back of the vehicle without the last holder or owner of the same incurring expenses due to the fact that the market value of the vehicle is zero or negative. In particular, in almost all of the countries of the European Union, up until 1st January 2007, take-back of the vehicle free of charge only applies to vehicles registered from 1 July 2002 on, while, from 2007 on, take-back will be carried out free of charge, independently of the year of registration, provided that the vehicle still contains all its essential component parts (especially engine and body) and is free from additional waste materials.

Our contracted network of authorised treatment facilities has been carefully selected in order to provide a quality service to our customers by de-polluting and recycling "End of Life Vehicles" to approved environmental standards. To find out the location of your nearest authorised treatment facility, offering free of charge take-back, simply contact one of our dealers or refer to the Fiat web site or call the toll free number 00800 3428 0000.

* Passenger transportation vehicles to seat a max. of nine persons, having a total admissible weight of 3.5 t

SELÈNIA®

At the heart of your engine.



Always ask your mechanic for SELÈNIA®

Oil change? The experts reccomend Selenia.

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

The Selenia range includes a number of technologically advanced products:

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

SELENIA K
is the synthetic lubricant with innovative technology, which ensures improved cold starting for petrol engines and the utmost protection also under typically “urban” conditions of use. Owing to its 5W-40 viscosimetric grade and its special formulation it more effectively meets the emission limits required by new European regulations and exceeds the major international specifications.

SELENIA WR
Oil specifically designed for common rail Multijet engines. Particularly effective during cold starts, it guarantees maximum wear protection and hydraulic tappets control, reduction in consumption and stability at high temperatures.

SELENIA DIGITECH
Fully synthetic lubricant for petrol and diesel engines.
Its advanced technology guarantees maximum protection, a reduction in consumption and reliability in extreme climate conditions.

The range also includes Selenia StAR, Selenia Racing, Selenia 20K Alfa Romeo, Selenia TD, Selenia Performer 5W-40
For further information on Selenia products visit the web site www.flselenia.com.

COLD INFLATION PRESSURE (bar)

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm.
Recheck pressure value with cold tyres.

Tyres	Medium load		Full load		Small spare wheel (where provided for)
	Front	rear	Front	Rear	
165/65 R14 79 T	2.2	2.0	2.2	2.2	
175/65 R14 82 T	2.2	2.0	2.2	2.2	
175/65 R14 82 H	2.2	2.0	2.3	2.2	
185/55 R15 82 T	2.2	2.0	2.3	2.3	2.8
185/55 R15 82 H	2.2	2.0	2.3	2.3	
195/45 R16 84 T	2.2	2.0	2.4	2.3	
195/45 R16 84 H	2.2	2.0	2.4	2.3	

ENGINE OIL CHANGE

	1.2 8V 69 HP	1.4 16V 100 HP	1.3 16V Multijet 75 HP
Engine sump	2.5	2.75	2.5
Engine sump and filter	2.8	2.90	2.8

FUEL CAPACITIES (litres)

	1.2 8V 69 HP	1.4 16V 100 HP	1.3 16V Multijet 75 HP
Tank capacity	35	35	35
Reserve	5	5	5

Refuel petrol engines with unleaded petrol with octane rating (RON) no lower than 95 only (EN 228 Specifications)
Refuel diesel engines with diesel fuel for motor vehicles only (EN 590 Specifications)

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