




5 0 0 A B A R T H



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

## Dear Customer,

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

We prepared this booklet to enable you to know each detail of your  Abarth 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  Abarth.

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 Abarth offers to its Customers:

- the Warranty Certificate with terms and conditions for maintaining its validity
- the range of additional services available to Abarth Customers.

Best regards and happy motoring!

**The special features of the new 500 Abarth make the car captivating through its unmistakable appearance, stylish yet traditional and, at the same time, practical in terms of performance and safety thanks to the new elements that have been introduced. The miniskirts, the rear spoiler and the inclined connector to the underbody improve the drag coefficient, the geometry and road holding at speed. The twin exhaust pipes are fitted at the sides of the incline at the specular outlets of a single transversely mounted silencer. The front and rear symmetrical air intakes are practical and the first ones allow the flow of air for cooling the two specular intercoolers, while the second ones permit the outlet of the flow at the rear. The introduction of the TTC system (Torque Transfer Control), which improves the transfer of engine torque to the wheels, makes the vehicle safer and more pleasant to drive, especially when cornering. Comfort is improved thanks to the introduction of the anti-roll bar which involves a reduction in shock absorber pressure thereby making the vehicle less rigid.**

**Every feature of the 500 Abarth passenger compartment, from the turbo analogue pressure gauge, the steering wheel with three spokes and shaped grips, the aluminium pedal assembly, the gear lever with an ergonomically designed grip and the seats with head restraints built-into the backrest, is designed to give the car a sporty appearance.**

**This Owner Handbook contains descriptions of the various new 500 Abarth trim levels therefore you should find the information that relates to the version you have purchased.**

# YOUR CAR

YOUR CAR

SAFETY  
DEVICES

CORRECT USE  
OF THE CAR

WARNING  
LIGHTS AND  
MESSAGES

IN AN  
EMERGENCY

CAR  
MAINTENANCE

TECHNICAL  
SPECIFICATIONS

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# DASHBOARD

The presence and position of the controls, instruments and gauges may vary depending on the trim level

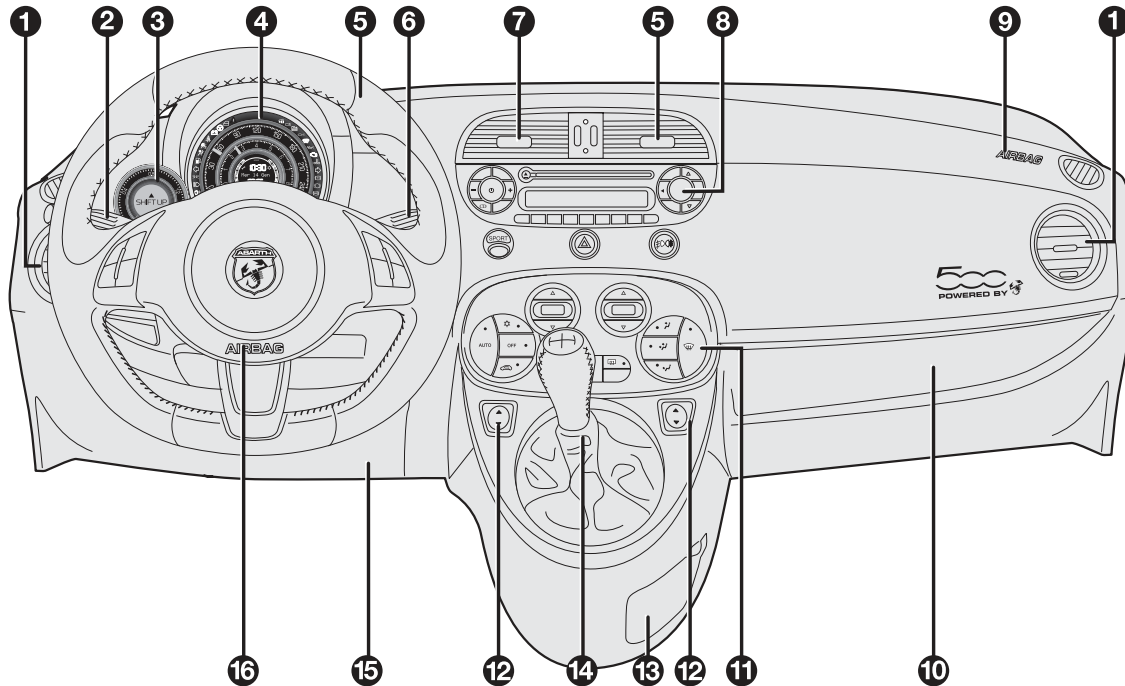


fig. 1

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1. Side vent – 2. Left stalk: external lights control – 3. Turbo pressure gauge – 4. Instrument panel and warning lights – 5. Portable navigator preparation socket – 6. Right stalk: controls wiper, washer, trip computer – 7. Central air vents – 8. Oddment/Car radio compartment – 9. Passenger air bag – 10. Oddment compartment/hidden document tray – 11. Heating/ventilation/climate control – 12. Power windows control – 13. Oddment compartment – 14. Gear lever – 15. Knee bag – 16. Driver air bag.

## 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 the **STOP** position and then to the **MAR** position; if it is still locked, try again with the other keys that come with the vehicle. If you have still not managed to start the engine, contact an Abarth Dealership.

**IMPORTANT** Each key has its own code which must be stored by the system ECU. Contact the Abarth 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 Abarth Dealership .



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

# THE KEYS

## CODE CARD fig. 2

(for versions/markets, where provided)

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

**A** the electronic code.

**B** the mechanical key code to be given to the Abarth 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.**

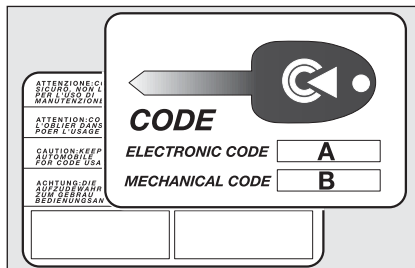


fig. 2

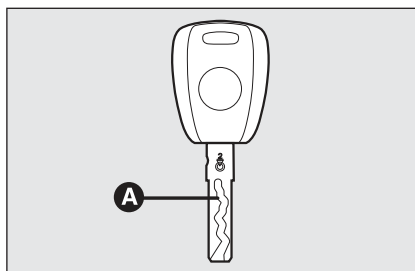


fig. 3

## 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;

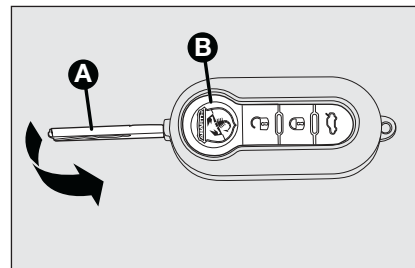


fig. 4


## KEY WITH REMOTE CONTROL 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 (for versions/markets, 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 (for versions/markets, 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, for versions/markets, where 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 Abarth 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 .

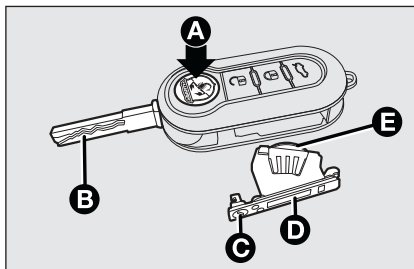


fig. 5

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**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 Abarth Dealership, which will deal with their disposal.**

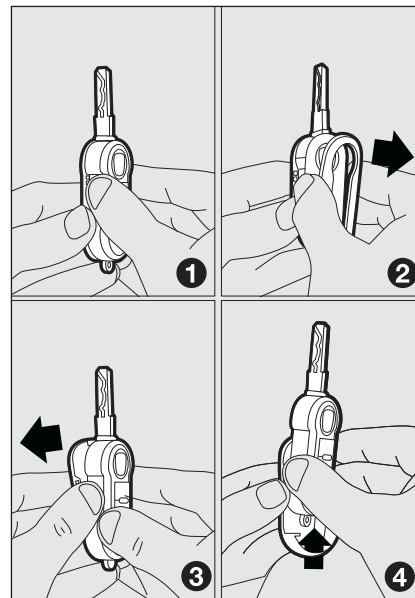


fig. 6

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## REPLACEMENT OF REMOTE CONTROL COVER fig. 6

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

YOUR CAR

SAFETY DEVICES

CORRECT USE OF THE CAR

WARNING LIGHTS AND MESSAGES

IN AN EMERGENCY

CAR MAINTENANCE

TECHNICAL SPECIFICATIONS

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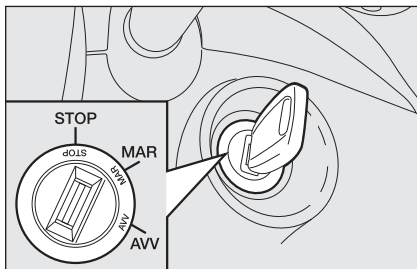


fig. 7

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## 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

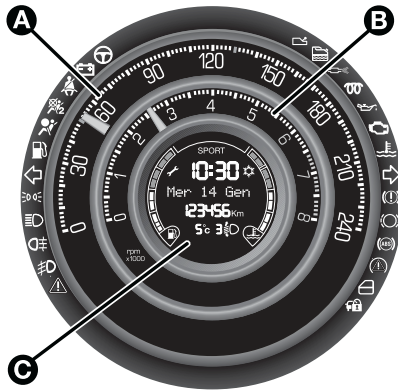


fig. 8

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## 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.

## 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.

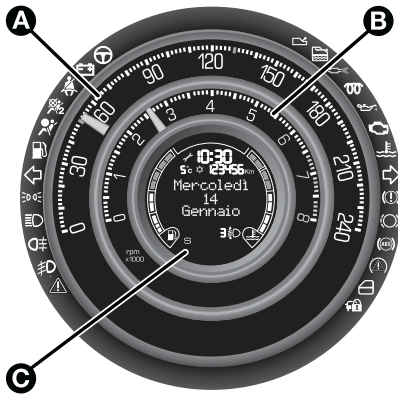


fig. 9 - Version with reconfigurable multifunctional display

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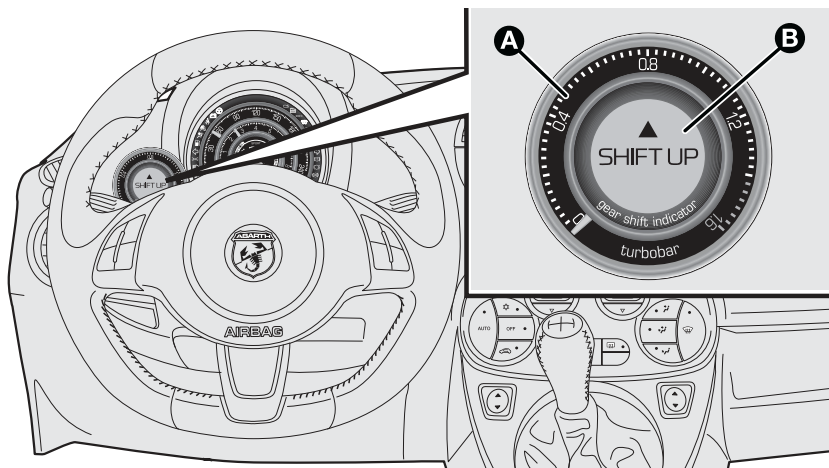


fig. 10

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## Analogue pressure gauge for turbocharger pressure

The car is equipped with a pressure gauge for measuring the turbocharger pressure by means of the analogue indicator **A**.

**Note** The turbocharger supercharging pressure reading on the pressure gauge should never exceed 1 – 1.2 bar even in the case of sporty driving and maximum performance.

A warning light **B** in the pressure gauge signals the ideal time to change gear.

The gear change indication (arrow pointing upwards and words **SHIFT UP**) displays a suggestion to change up to a higher gear.

With the ignition in the **MAR** position, the gear change indication lights up and goes out together with the instrument panel warning lights. Afterwards, the letter **▲** and the words **SHIFT UP** light up each time there is a suggestion to change to a higher gear.

**Note** The light signalled provided by the instrument depends on the driving mode selected.

With the **SPORT** mode on, the signalling is only activated at the maximum speed and therefore less frequently.

With the **NORMAL** mode activated, the signalling is affected by driving economy and therefore may be less frequent, at low speeds as well.

The main panel has a projection above it to prevent glare.

### **SPEEDOMETER (SPEED INDICATOR) fig. 11**

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

### **REV. COUNTER fig. 11**

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

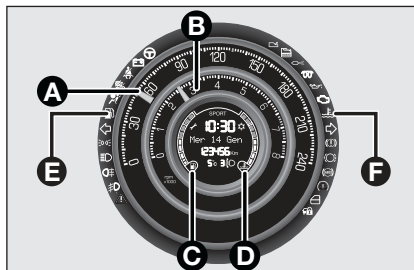



fig. 11

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### **DIGITAL FUEL LEVEL INDICATOR fig. 11**

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. 11**

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 (together with a message shown on the display) to indicate that the coolant temperature is too high; in this case, stop the engine and contact the Abarth Dealership.

## MULTIFUNCTIONAL DISPLAY AND RECONFIGURABLE MULTIFUNCTIONAL DISPLAY

(for versions/markets, 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. 12

The standard screen shows the following information:

- A** Sport driving mode indication
- B** Scheduled servicing deadline
- C** Digital fuel level indicator
- D** External temperature indicator (for versions/markets, where provided)
- E** Beam adjustment position (with low beams on only)
- F** Digital engine coolant temperature indicator

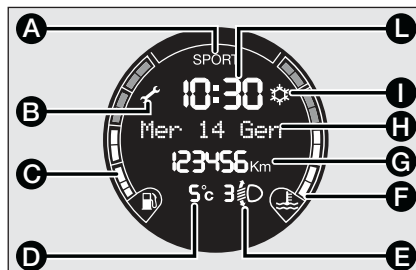


fig. 12

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- G** Odometer (distance travelled in kilometres/miles)
- H** Date
- I** Possible presence of ice on road
- L** Time

### “STANDARD” SCREEN OF RECONFIGURABLE MULTIFUNCTIONAL DISPLAY fig. 13

The standard screen shows the following information:

- A** Time
- B** Scheduled servicing deadline
- C** External temperature indicator (for versions/markets, where provided)
- D** Possible presence of ice on road
- E** Date

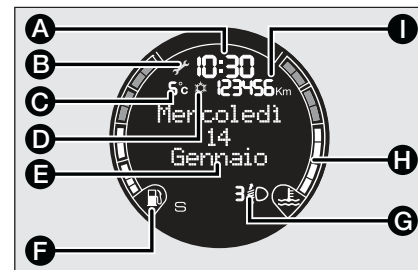


fig. 13

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- F** Digital fuel level indicator
- G** Beam adjustment position (with low beams on only)
- H** Digital indicator of engine coolant temperature
- I** Odometer (distance travelled in kilometres/miles)

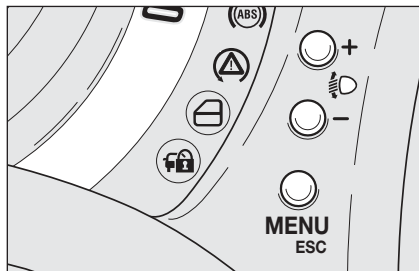


fig. 14

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## 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 (for versions/markets, 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:

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

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.

## MENU FUNCTIONS

### Lighting (Car interior lighting adjustment)

This function is available with the dipped headlamps on and at night to adjust the brightness of the instrument panel, buttons, radio display and automatic climate control display.

With the multifunction display, in the daytime and with the dipped headlamps on, the instrument panel, radio display and automatic climate control display are on at the maximum brightness setting.

With the reconfigurable multifunction display, in the daytime and with the dipped headlamps on, the car interior lighting is off. If the car goes into shade, for example, driving through a tunnel, the instrument panel, the buttons and the radio and automatic climate control displays light up at the second brightness setting.

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)

(for versions/markets, 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.

## 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 Abarth 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 Abarth 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 (for versions/markets, 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

The distance that can be travelled with the fuel in the tank is displayed, with the theory that driving will continue in the same conditions. The display will show the reading “----” when the following events take place:

- 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. 15

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.

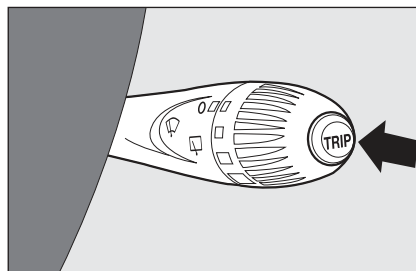


fig. 15

F0S015Ab

## 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. 16

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. 17

Turn knob **B**.

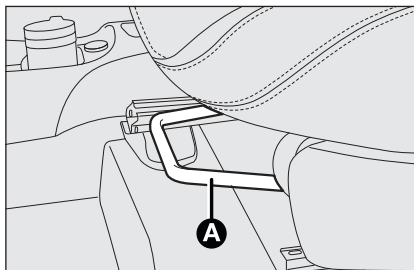


fig. 16

F0S0013m

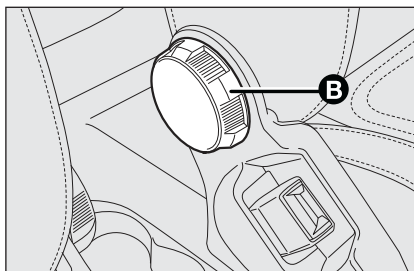


fig. 17

F0S0014m

### Seat height adjustment fig. 18

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

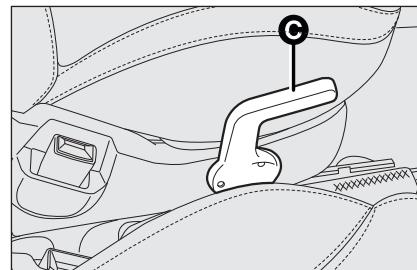


fig. 18

F0S0015m

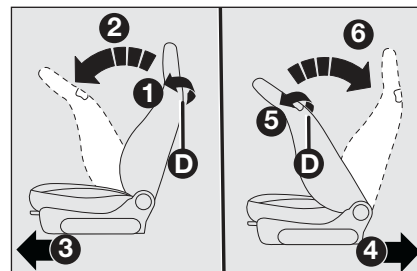


fig. 19

F0S0154m

### Backrest tilting fig. 19

To tilt the backrest, operate the lever **D** (movement **1**) and push the backrest forward until it locks (movement **2**); release the lever **D** and, pushing the backrest, slide the seat forward (movement **3**).



## 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 ④) operate the lever **D** (movement ⑤) and lift the backrest (movement ⑥) 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. 16**.

## 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 ④); operate the lever **D** (movement ⑤) and lift the backrest (movement ⑥) until you hear it snapping in position.



### WARNING

**All adjustments must be made with the car stationary.**

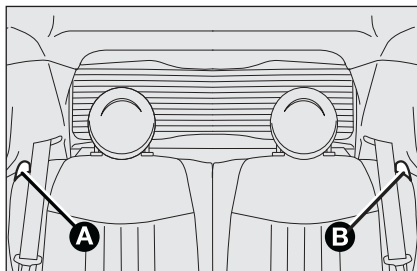


fig. 20

F0S020Ab

The type of reattachment manoeuvre has been chosen to guarantee the safety of the occupant. In effect, if the mechanism detects an obstacle (e.g. a bag) and cannot restore the seat to its original position, it allows the reattachment of the actual seat, positioning the backrest only, ensuring that the guides are attached.

## REAR SEATS **fig. 20**

### 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

### REAR **fig. 21**

(for versions/markets, where provided)

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.

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.

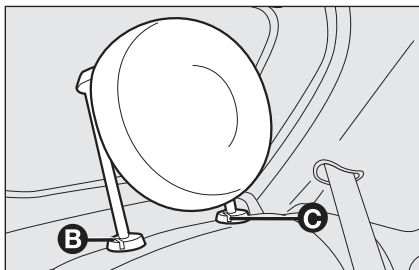


fig. 21

F0S021Ab

## STEERING WHEEL

It can be adjusted vertically (for versions/markets, where provided).

For adjustment, bring the lever **A**-fig. 22 downward to position **2** then position the wheel and lock it bringing lever **A** to position **1**.

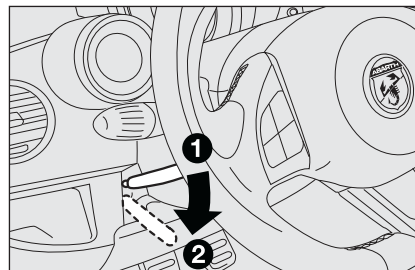


fig. 22

F0S022Ab



### WARNING

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

YOUR CAR

SAFETY DEVICES

CORRECT USE OF THE CAR

WARNING LIGHTS AND MESSAGES

IN AN EMERGENCY

CAR MAINTENANCE

TECHNICAL SPECIFICATIONS

INDEX

## REARVIEW MIRRORS

### DRIVING MIRROR fig. 23

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.

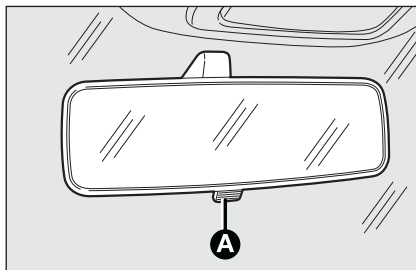


fig. 23

F0S023Ab

### ELECTROCHROMIC DRIVING MIRROR

(for versions/markets, 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 electrical adjustment fig. 24

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. 25

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.

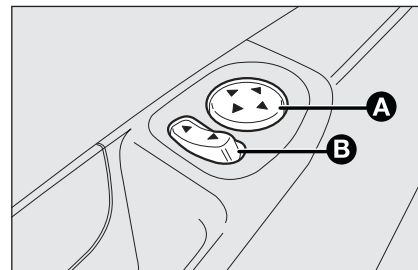


fig. 24

F0S024Ab

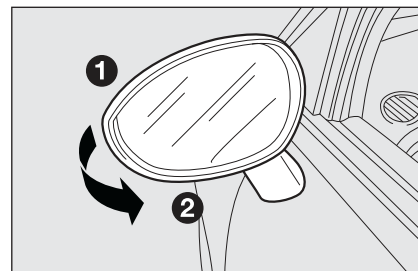


fig. 25

F0S025Ab



#### WARNING

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



#### WARNING

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

# CLIMATE COMFORT

## VENTS fig. 26

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

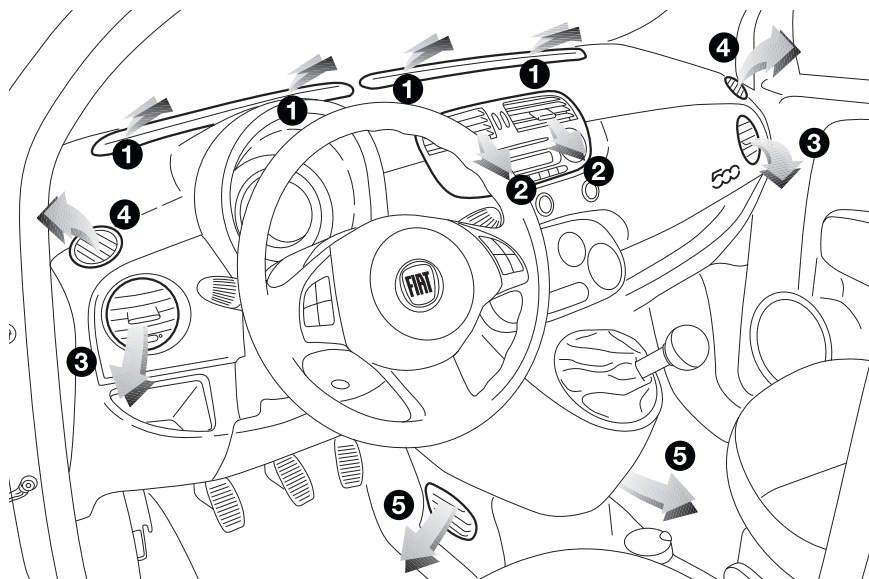


fig. 26

F0S026Ab

YOUR CAR

SAFETY  
DEVICES

CORRECT USE  
OF THE CAR

WARNING  
LIGHTS AND  
MESSAGES

IN AN  
EMERGENCY

CAR  
MAINTENANCE

TECHNICAL  
SPECIFICATIONS

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## HEATING AND VENTILATION

### CONTROLS fig. 27

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

**B** Fan speed knob

**NOTE** Turn the knob to **0** to stop the flow of air coming out of the vents.


**C** Air recycle knob


 – internal air recycle


 – air intake from outside

**IMPORTANT** Turn the recirculation function on to prevent the intake of air into the passenger compartment; this is particularly advisable when stopped in a tunnel or in traffic to prevent the intake of outside polluted air. Do not use the function for a long time, particularly if there are many passengers on board, to prevent the windows from misting up.

**D** Air distribution knob

 toward the body and the side windows

 toward the body, the side windows and the feet

 toward the feet only

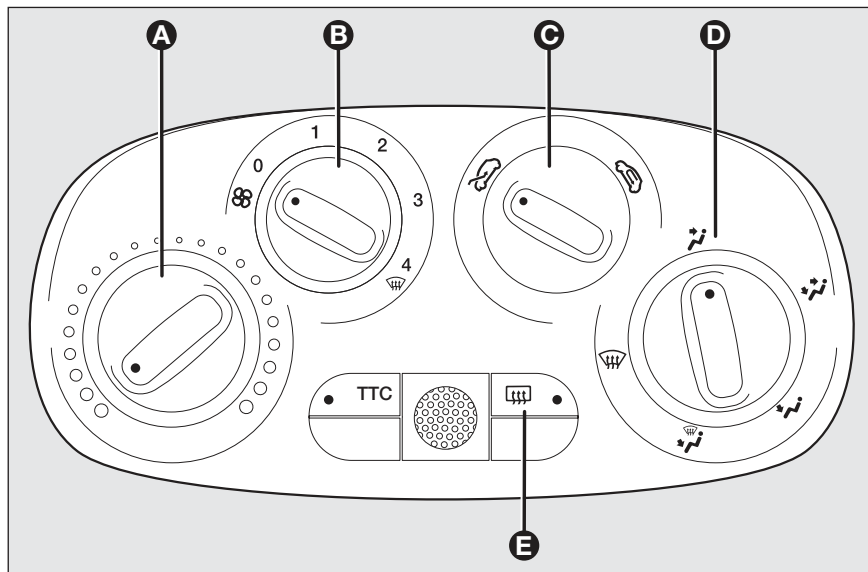



fig. 27

F0S027Ab

 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.

### 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).

# MANUAL CLIMATE CONTROL SYSTEM



(for versions/markets, where provided)

## CONTROLS fig. 28

- 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.

**NOTE** Turn the knob to **0** to stop the flow of air coming out of the vents.

- C** Air recycle knob

-  – internal air recycle
-  – air intake from outside

**IMPORTANT** Turn the recirculation function on to prevent the intake of air into the passenger compartment; this is particularly advisable when stopped in a tunnel or in traffic to prevent the intake of outside polluted air. Do not use the function for a long time, particularly if there are many passengers on board, to prevent the windows from misting up.

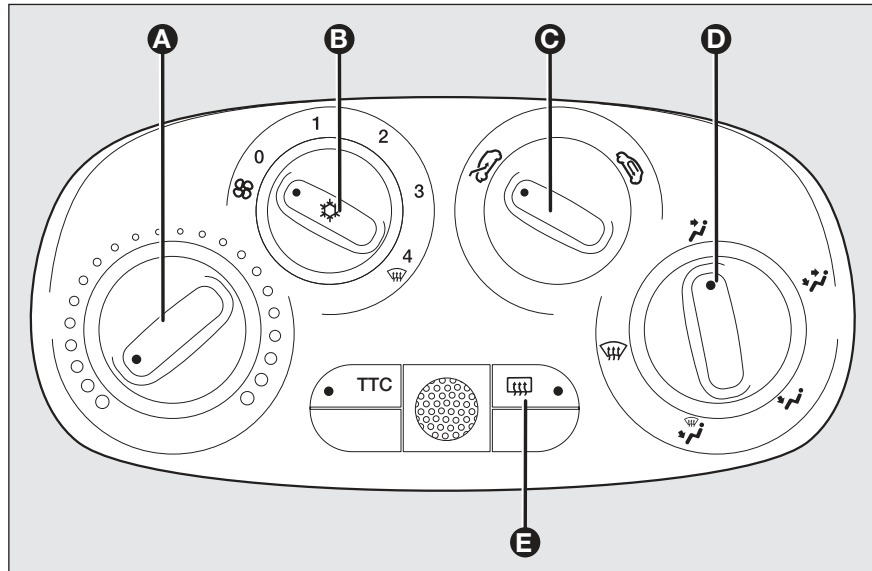







fig. 28

F0S028Ab




- 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.

## 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 Abarth Abarth Dealership before the summer.

# AUTOMATIC CLIMATE CONTROL SYSTEM

(for versions/markets, 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.

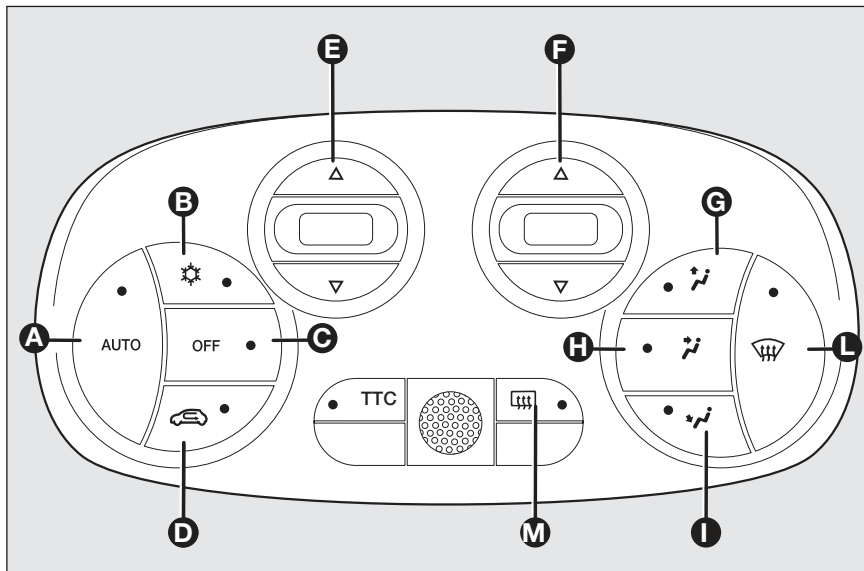


fig. 29

F0S029Ab

## CONTROLS fig. 29

### 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 $\Delta$ $\nabla$ - E Temperature setting

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

Pressing the button  $\nabla$  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 $\Delta$ $\nabla$ - F Fan speed setting


Pressing the buttons  $\Delta$  or  $\nabla$  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 Abarth 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.

## 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.) fig. 30 (for versions/markets, where provided)

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.*

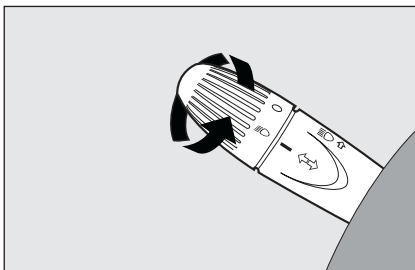


fig. 30

F0S030Ab

### LOW BEAMS SIDE/TAILLIGHTS fig. 30

With the key on **MAR** turn the knurled ring to **℞**. If low beams are activated, daylight lights are deactivated and taillights and low beams are activated. The warning light  $\Rightarrow \Leftarrow$  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 **℞**. The light  $\Rightarrow \Leftarrow$  on the instrument panel turns on and all taillights and number plate lights turn on.

### MAIN BEAMS fig. 30

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

### FLASHING fig. 30

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

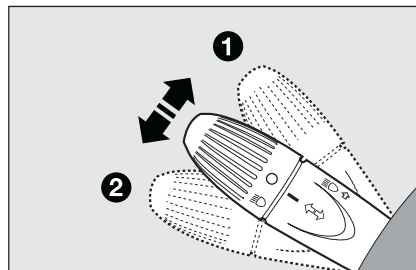


fig. 31

F0S031Ab

The warning light  $\Rightarrow \Leftarrow$  on the instrument panel will come on at the same time.

### DIRECTION INDICATORS fig. 31

Move the stalk to (steady) position:  
up (position **1**): right-hand indicator  
down (position **2**): left-hand indicator  
Warning light  $\Rightarrow$  or  $\Leftarrow$  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. 32** 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.

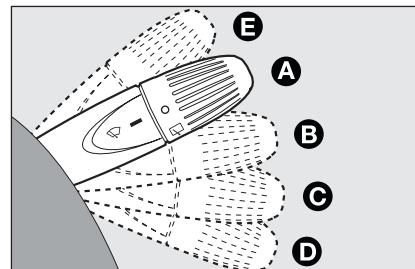


fig. 32

F0S032Ab

### “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 Abarth Dealership.**

## 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 Abarth 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

The lamp comes on automatically when the luggage compartment is opened and goes out when it is closed.

# CONTROLS

## SPORT FUNCTION CONTROL fig. 33

When the SPORT button **A**-fig. 33 is pressed the sports driving setting is turned on featuring more responsiveness during acceleration, an increase in drive torque and more precise steering with greater effort required on the steering wheel.

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.

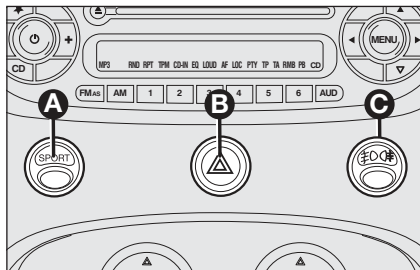




fig. 33

## HAZARD LIGHTS fig. 33



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  and  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

### fig. 33

(for versions/markets, where provided)

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.

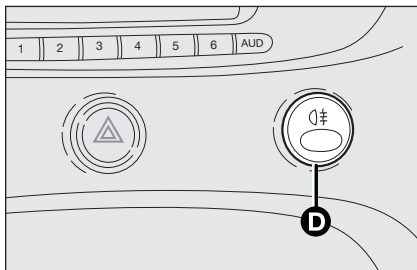



fig. 34

F0S034Ab

### REAR FOG LIGHTS fig. 34

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

(for versions/markets, 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.*

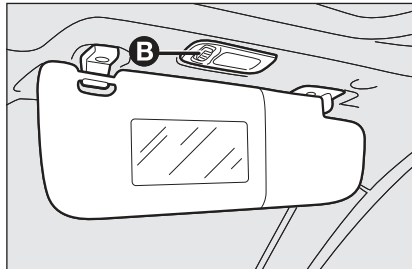


fig. 35

F0S035Ab

## SUN VISORS fig. 35

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

They may be oriented frontally and to the side.

At the back of the passenger side sun visor there is a vanity mirror, lit up by a special courtesy light (for versions/markets, where provided) that can be activated by pressing button **B**. The sun visor on the driver's side and passenger side have document holder pockets.

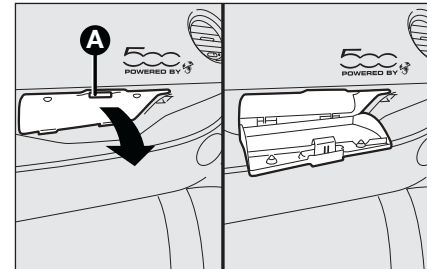


fig. 36

F0S036Ab

## GLOVE BOX ON PASSENGER SIDE DASHBOARD fig. 36

(for versions/markets, where provided)

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.*

YOUR CAR

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IN AN EMERGENCY

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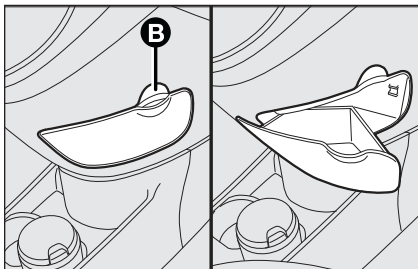


fig. 37

F0S037Ab

### COMPARTMENT IN CENTRAL CONSOLE fig. 37

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.**

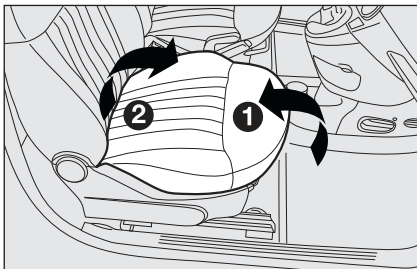


fig. 38

F0S038Ab

### ODDMENT COMPARTMENT UNDER THE SEAT fig. 38

(for versions/markets, where provided)

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.

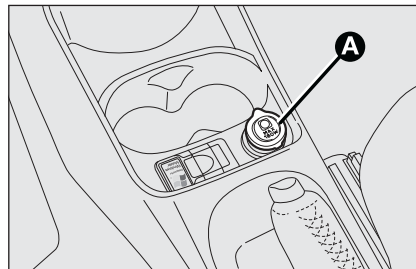


fig. 39

F0S039Ab

### 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 fig. 39

(for versions/markets, where provided)

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 Abarth.

**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

(for versions/markets, 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. 41, release it and move it to “all open position”. To close it, repeat the same operation in the opposite direction.

## OPENABLE SUNROOF

(for versions/markets, 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. 41, 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. 40 on a dedicated dashboard near the front ceiling lights, enable to open/close the sunroof.

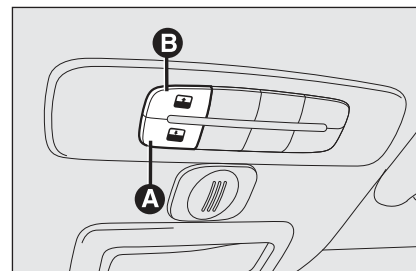


fig. 40

F0S0096m

### To open

Press and keep pressed button **B**-fig. 40, the front pane will set to the “spoiler” position; press button **B**-fig. 40 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.

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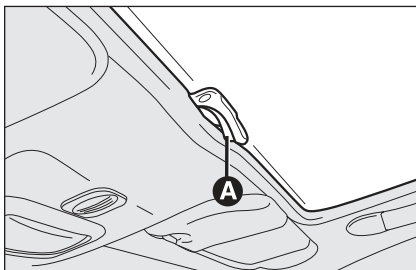


fig. 41

F0S041Ab

### To close

When in wide open position, press button **A-fig. 40** 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. 40** 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. 40 at close position;
- keep the button pressed to close completely by steps the sunroof;
- after full closing, wait for sunroof motor stopping.

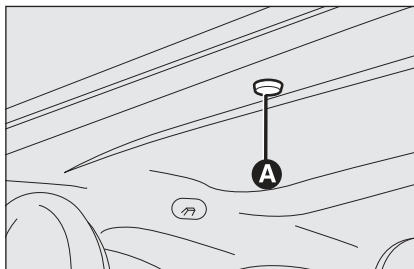


fig. 42

F0S042Ab

## EMERGENCY OPERATION

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

- Remove the protective cap **A**-fig. 42 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



### WARNING

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

*Open the doors only when the car is stationary.*

## CENTRAL LOCKING

For the central locking of the door and tailgate locks. The doors must be perfectly closed for activating the central locking. Otherwise the simultaneous locking fails.

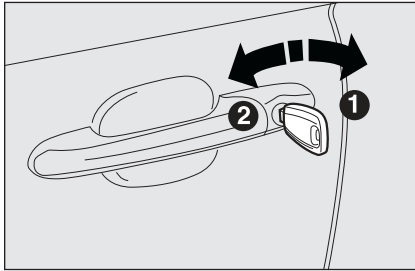


fig. 43

F0S043Ab

### Lock/release from outside

**To open**, insert the key in the lock and turn it to the position **1**-fig. 43. When the key is turned the doors and the tailgate are simultaneously released.

To release the doors with the remote control press the button .

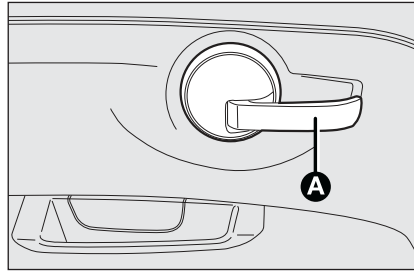


fig. 44

F0S044Ab

**IMPORTANT** If one of the doors is not properly closed or if there is a fault in the system, the central locking will not be activated. If the operation is repeated 10/11 times in quick succession, the device is excluded for approximately 30 seconds.

**To lock**, insert the key in the lock and turn it to the position **2**-fig. 43. When the key is turned the doors and the tailgate are simultaneously locked.

To lock the doors with the remote control press the button .

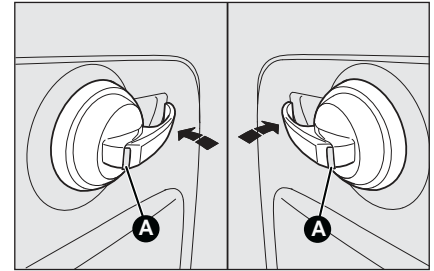


fig. 44a

F0S144Ab

### Lock/release from inside

**To release** pull lever **A**-fig. 44.

Operating lever A on the driver's side or on the passenger side releases both doors.

**To lock**. Push the control lever **A**-fig. 44 toward the door

Operating the lever on the driver's side or on the passenger side locks both doors.

The correct lever position with locked doors is shown by the red symbol **A**-fig. 44a visible on the handles.

# WINDOW WINDERS

## FRONT WINDOW WINDERS

fig. 45

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;

With the ignition key to the **MAR** position, press the driver's side window operating button for a few seconds to open or close the window automatically.

As regards the passenger's side window, only the opening occurs automatically with the same procedure.

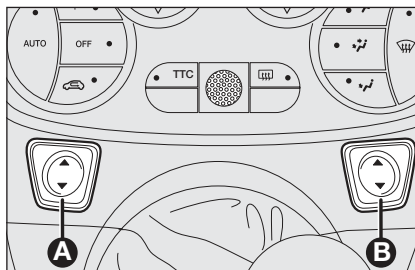


fig. 45

F0S045Ab



### 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.*




### WARNING

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

## BOOT

### TAILGATE OPENING

#### By means of key with remote control

Press the button .

Tailgate opening is indicated by double flashing of direction indicators.

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.

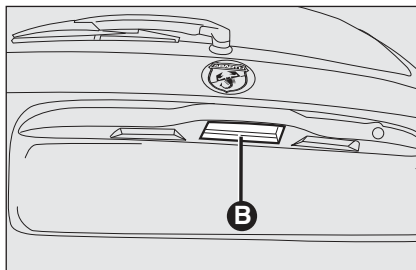


fig. 46


F0S046Ab

#### Soft touch handle fig. 46

The luggage compartment tailgate (when unlocked) can only be opened from the outside of the car using the electric opening handle **B** located under the large handle.

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).

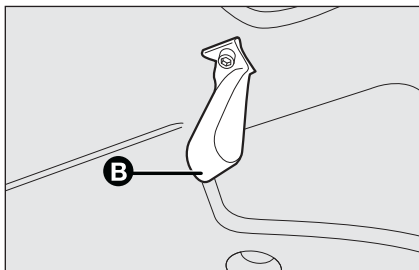


fig. 47

F0S047Ab

### TAILGATE CLOSING fig. 47

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.*

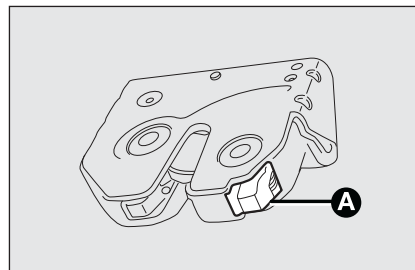


fig. 48

F0S0135m

### TAILGATE EMERGENCY OPENING fig. 48

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 (where provided);
- tilt the backrests;
- to achieve tailgate automatic unlock, from inside the boot, operate lever **A**.



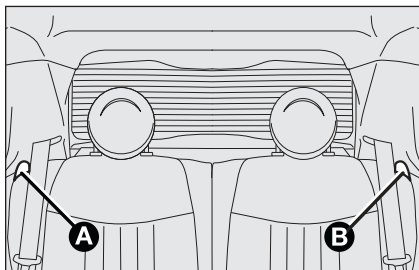


fig. 49

F0S049Ab

## EXTENDING THE BOOT

### Partial extension (50/50) fig. 49-50 (for versions/markets, where provided)

The separate rear seats allow partial or total boot extension.

Proceed as follows:

- Lift out rear seat head restraints (for versions/markets, 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. 49 to release respectively the left or right part of the backrest and guide the backrest onto the cushion.

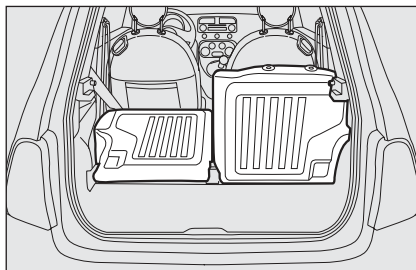


fig. 50

F0S050Ab

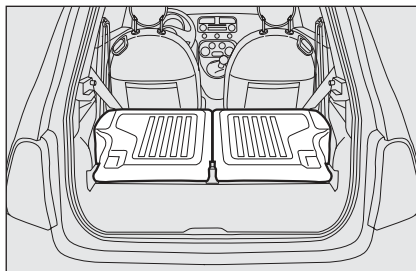


fig. 51

F0S051Ab

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

### Maximum extension fig. 51

Tilt the rear seat completely to obtain maximum boot extension.

Proceed as follows:

- remove the rear seat head restraints (for versions/markets, where provided);
- check that the seat belt is not twisted;
- operate levers **A** and **B**-fig. 49 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. 52-53-54

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.

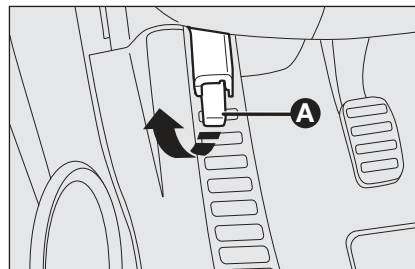


fig. 52

F0S052Ab

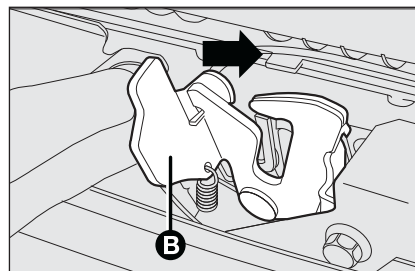


fig. 53

F0S053Ab



### WARNING

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

**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.

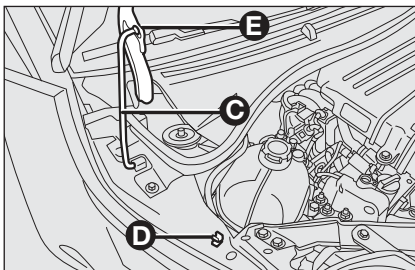


fig. 54

**To close fig. 54****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. 55**.

To use the front fasteners, remove the cap **A**, accessible with the door open. To locate rear fasteners **B**, refer to **fig. 56**.

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.

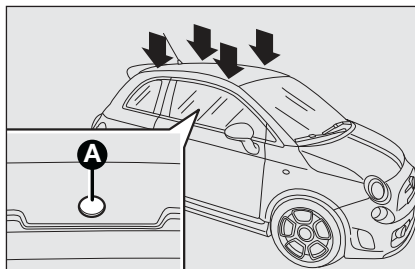


fig. 55

F0S055Ab

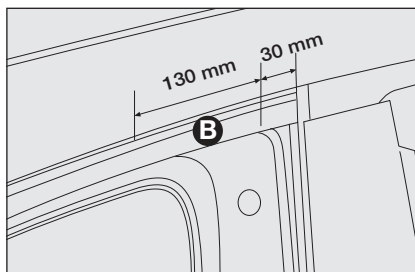


fig. 56

F0S056Ab

## 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 Abarth Dealership to have the headlights properly adjusted.

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

**IMPORTANT** When turning on (Xenon) gas discharge headlight lamps (for versions/markets, where provided), it is normal that there should be a vertical movement of reflectors, and consequently the same will also happen to the light beam, for the time required to achieve the correct headlight trim stabilisation, equal to approx. 2 seconds.



### 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.**



### WARNING

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



**Never exceed the maximum allowed load (see “Technical Specifications”).**

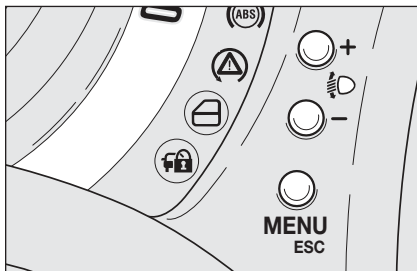


fig. 57

F0S057Ab

### BEAM ADJUSTMENT fig. 57

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.

Gas discharge headlights (Xenon headlights) are automatically adjusted. The headlight position is electronic and therefore cannot be manually adjusted using the **+** and **-** buttons.

### 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

(for versions/markets, where provided)

Contact Abarth 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

(for versions/markets, where provided)

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

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  on the instrument panel together with the dedicated message on the reconfigurable multifunctional display (for versions/markets, 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 Abarth Dealership to have the system checked.

## EBD failure

It is indicated by the turning on of warning lights (ABS) and (E) on the instrument panel together with the dedicated message on the reconfigurable multifunctional display (for versions/markets, 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 Abarth Dealership to have the system checked.



### WARNING

*If warning light (E) only lights up on the instrument panel, (with a message on the multifunctional reconfigurable display, for versions/markets, where provided), immediately stop the car and contact the nearest Abarth 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)

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.

With the ESP in addition to the ASR (traction control with intervention on the brakes and the engine) and the HILL HOLDER function (device for setting off on an incline without using the brakes), there is also MSR (regulation of the engine brake torque during downward gear shifts), HBA (automatic increase in braking pressure during emergency braking) and TTC (transfer of engine torque to the wheels).


### SYSTEM INTERVENTION

It is signalled by the blinking of the warning light (E) 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 (for versions/markets, where provided). Contact Abarth Dealership.



### WARNING

***Do not take unnecessary risks, even if your car 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


It is an integral part of the ESP system and is automatically activated in the following conditions:

- uphill: vehicle stationary on a road with a gradient of more than 2%, engine running, brake pressed and gearbox in neutral or gear other than reverse engaged;
- downhill: vehicle stationary on a road with a gradient of more than 2%, engine running, brake 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 (for versions/markets, where provided); see section “Warning lights and messages”.

**IMPORTANT** The Hill Holder system is not a parking brake; therefore, never leave the car without having engaged the hand-brake, 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.***



## ASR SYSTEM (Antislip Regulation)

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 (acquaplaning).

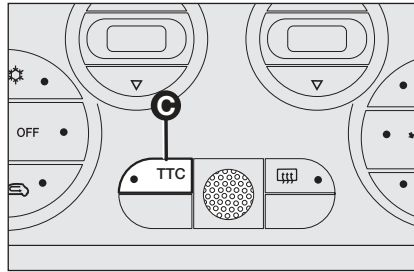


fig. 58

F0S058Ab

## 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.

## TTC SYSTEM (Torque Transfer Control)


It is an integral part of the ESP system.

This system improves the transfer of drive torque to the wheels, guaranteeing safer and more sporty driving, especially when cornering, far more able to prevent understeer.

The system is turned on by pressing the button in the dashboard **C-Fig. 58**. The LED in the TTC button is lit up when it is on.

It is turned off by pressing the button again or when the vehicle is switched off (ignition key in STOP position).

## 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, for versions/markets, 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, Abarth Dealerships are obliged to run a bench test and, if necessary, road tests which may also call for a long journey.



**Go to a Abarth 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 multifunction display, for versions/markets, 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

The car has an electrically operated power assisted system, that only works with the ignition key in the **MAR** position and the engine started, known as Dualdrive. The electric power steering reduces the effort on the steering wheel making town driving and parking manoeuvres particularly easy.

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


When the SPORT function is turned on (see “Controls” paragraph in this chapter) the electric power steering assistance is altered, increasing the sensitivity of the steering wheel.




### WARNING


***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.***

### FAILURE INDICATIONS

Any failure is indicated by instrument panel warning light  coming on together with the message on the reconfigurable multifunction display (for versions/markets, where provided) (see section “Warning lights and messages”).

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

**IMPORTANT** In some circumstances, factors independent 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 (for versions/markets, where provided), contact Abarth 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.***

## SOUND SYSTEM

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.

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).



**If a car radio is installed after car purchase, refer to the Abarth Dealership for tips to safeguard battery durability.**

**Excessive loadless absorption damages the battery and may void the battery warranty.**

## ACCESSORIES PURCHASED BY THE OWNER

If after buying the car, you decide to install electrical accessories that require a permanent electric supply (alarm, satellite anti-theft system, etc.) or accessories that in any case burden the electric supply, contact Abarth Dealership, whose qualified personnel, besides suggesting the most suitable devices belonging to Lineaccessori Abarth, 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:



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

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

In addition, transmission and reception of these devices may be affected by the shielding effect of the car body. With regards to the use of EC-approved mobile phones (GSM, GPRS, UMTS), adhere strictly to the instructions for use provided by the mobile phone manufacturer.

## AT THE FILLING STATION

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.

### 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.

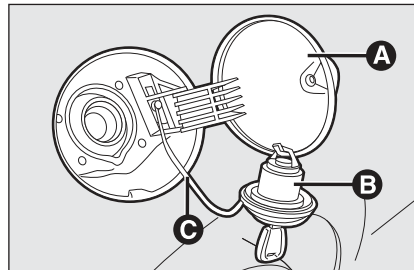


fig. 59

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### FUEL FILLER CAP fig. 59

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.**

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## 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.



### WARNING

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

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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.**

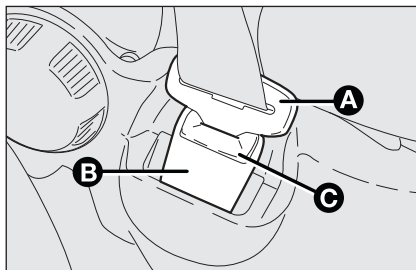


fig. 1

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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

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 Abarth 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 Abarth Dealership to have it replaced after it has been deployed. The expiration date is shown on the label on the door edge: refer to the Abarth 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 Abarth 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**).

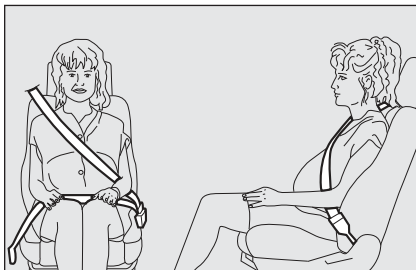


fig. 2

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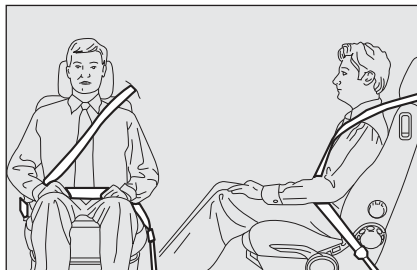


fig. 3

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fig. 4

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**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 Abarth 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.

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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 Abarth includes child restraint systems for each weight group.

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

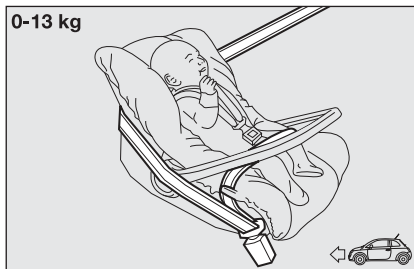


fig. 5

F0S064Ab

### 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.

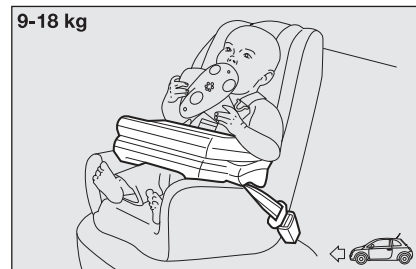


fig. 6

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### GROUP I

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 I 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.*

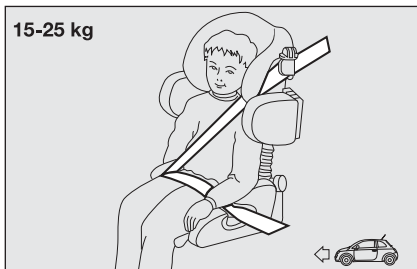


fig. 7

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## 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.*



fig. 8

F0S067Ab

## 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  Abarth 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 seat covers weight group: I. 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".

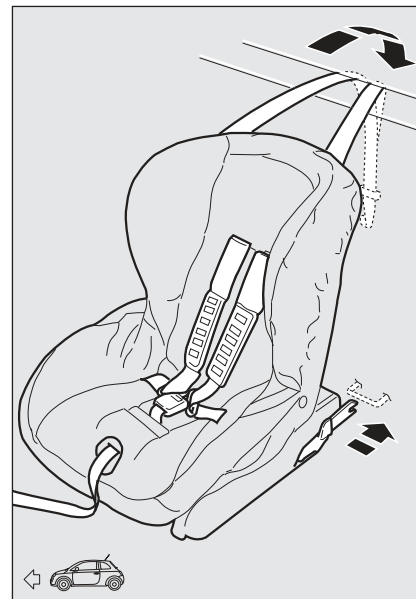


fig. 9

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

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



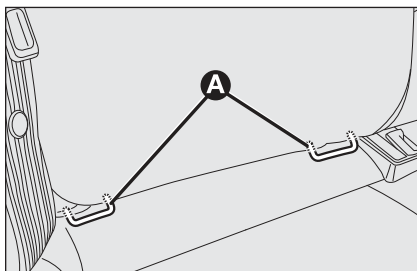


fig. 10

F0S069Ab

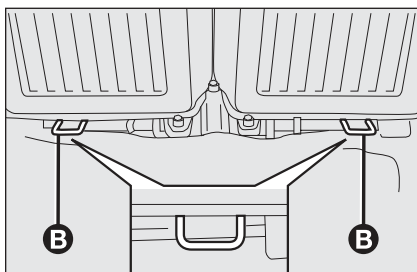


fig. 11

F0S070Ab

**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
	Facing backwards	E	X
Group 0+ - 0 to 13 kg	Facing backwards	D	X
	Facing backwards	C	X
Group I to 9 up to 18 kg	Facing backwards	D	X
	Facing backwards	C	X
	Facing forwards	B	IUF
	Facing forwards	BI	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.

# 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, roll-overs, 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.

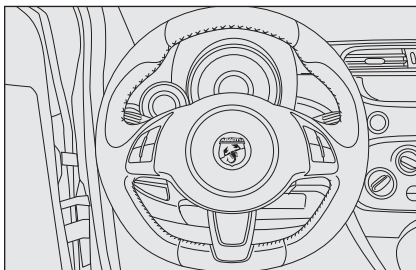


fig. 12

F0S071Ab

**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.

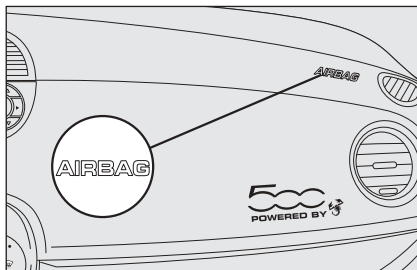


fig. 13

F0S072Ab

**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.

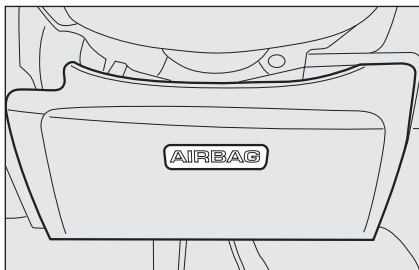


fig. 14


F0S073Ab

### DRIVER'S KNEES AIR BAG 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

Should it be absolutely necessary to carry a child on the front seat, the passenger's front air bag and the Side Bag 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.

**WARNING** To deactivate the passenger's front air bag and the Side Bag, refer to paragraphs "Digital display" and "Multi-functional display" in section "Your car".

## SIDE BAGS - WINDOW BAGS

### 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.

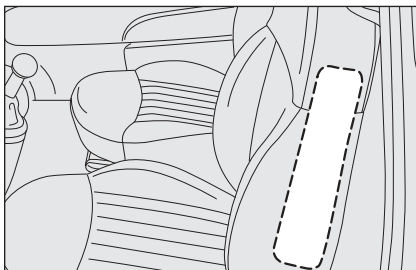


fig. 15

F0S074Ab



fig. 16

F0S075Ab

### 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 Abarth Dealership when it's time to replace them.

**IMPORTANT** If any safety device has activated due to an accident, refer to the Abarth 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 Abarth Dealership. If you are having the car scrapped, have the air bag system deactivated at a Abarth 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 Abarth 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 Abarth 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**

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

**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**

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

**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.

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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 servo-brake 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 do not manage to start the engine, go to an Abarth Dealership.



*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.*

## 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.

## 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.



### WARNING

**The car must be braked after a few snaps of the lever, otherwise, contact the Abarth 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. 1;
- 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.

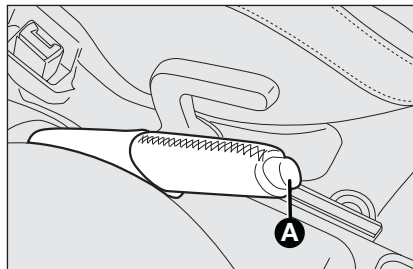


fig. 1

FOS076AB

## 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.

## 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**).

**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.

In addition, to assist the transmission of the drive torque, a limit on the engine revs during take off at 2700 rpm can be noticed. When the clutch pedal is released and the vehicle is being driven, the engine revs restriction is disabled.

To engage reverse gear **R** from neutral, move the lever to the right and then backwards.

**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 provided, the clutch pedal control electronics can intervene interpreting the wrong drive style as a fault

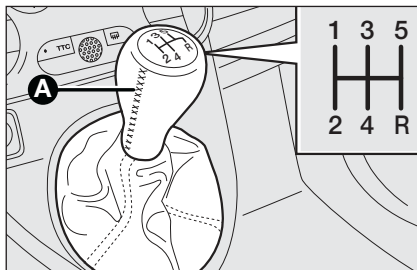


fig. 2

F0S077Ab

## CONTAINING RUNNING COSTS

Here are some useful tips to save fuel and minimize polluting emissions of CO<sub>2</sub> 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.



**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.**



#### WARNING

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

## 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 and 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.

## SNOW TYRES

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

Abarth 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 tyres 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 on to the front wheel tyres (drive wheels).

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



#### **WARNING**

**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 **MENU ESC** 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 Abarth Dealership.*

### Handbrake on

The warning light turns on when the handbrake is on.

**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 Abarth 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 Abarth 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 Abarth Dealership.

- ❑ **If the vehicle is used under severe conditions** (e.g. towing of trailers uphill or fully loaded vehicle): slow down and stop the car if the warning light stays on. 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 Abarth 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 Abarth Dealership as soon as possible.

On certain versions the dedicated message is displayed.



### EBD FAILURE (red) (amber)

Warning lights (ⓘ) and (ABS) 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 Abarth Dealership to have the system inspected.

On certain versions the dedicated message is displayed.




### LOW ENGINE OIL PRESSURE (red)

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 Abarth Dealership.*



## WARNING

If warning light  flashes, contact Abarth 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 Abarth 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 Abarth Dealership as soon as possible.


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

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 Abarth Dealership as soon as possible.



**Go to a Abarth 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.**



### 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 Abarth Dealership to have the system checked.



### 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 Abarth 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 Abarth Dealership to have the fault fixed as soon as possible.

### 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.



### 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 out or remains on whilst driving, go to an Abarth 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 Abarth 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.



### ENGAGEMENT OF SPORT FUNCTION

The word lights (up in the multifunction "SPORT" and reconfigurable multifunction display "S") when the control button is pressed and the sports setting is turned on. If the button is pressed again the word SPORT goes out.



### 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.



### 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.



### 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 Abarth Dealership. The system can be reactivated from the set-up menu. The display will show the dedicated message.

# 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](http://www.fiat500.com) to search for the nearest **Abarth Dealership point**

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## ENGINE STARTING

If the instrument panel warning light  turns on glowing steadily, contact immediately Abarth Dealership.

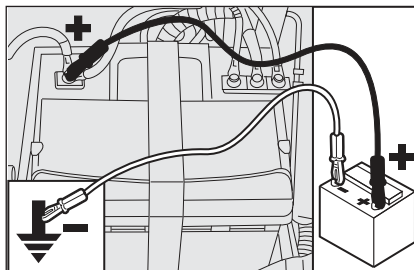


fig. I

### JUMP STARTING fig. I

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 Abarth 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 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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## QUICK TYRE REPAIR KIT - Automatic FIX & GO

The quick tyre repair kit Fix & Go automatic is placed in the boot **A**-fig. 2.

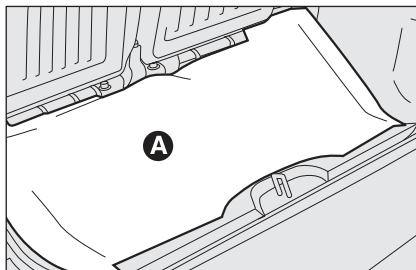


fig. 2

F0S079Ab



### WARNING

*Signal that the vehicle is stationary in accordance with the following legal requirements: hazard warning lights, emergency warning triangle, etc. It is advisable for the people in the vehicle to get out, especially if the vehicle is heavily laden, and wait until the repair is carried out, well away from any dangerous traffic. In the case of uneven roads or roads on an incline, place chocks or other suitable materials under the wheels to secure the vehicle.*

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;

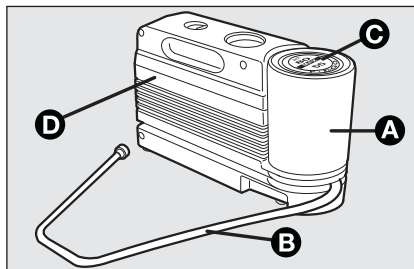


fig. 11

F0S084Ab

- ❑ 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 screw-driver and the tow hitch.



fig. 12

F0S085Ab



### WARNING

**Give the instruction booklet to the tyre repair workshop personnel.**

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*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.*

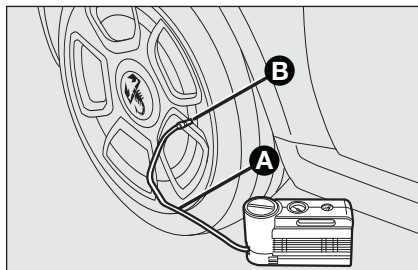


fig. 13

F0S086Ab

## 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;

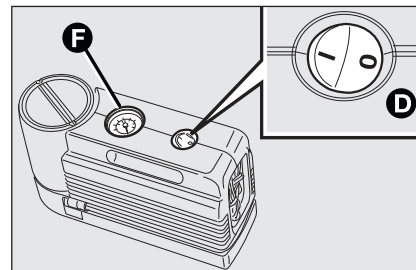


fig. 14

F0S087Ab

- 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.

For a more accurate reading, check pressure gauge **F-fig. 14** with the compressor off;

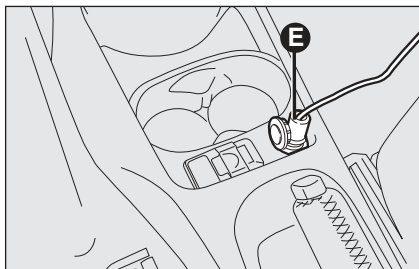


fig. 15

F0S088Ab

- 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;

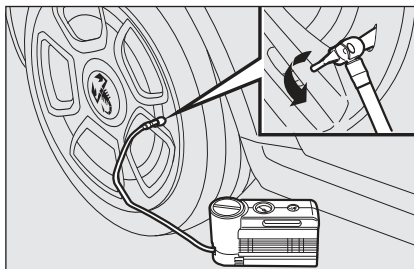


fig. 16

F0S089Ab

- 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 Abarth Dealership;

- if reaching the tyre pressure specified in paragraph “Inflation pressure” in section “Technical Specifications”, start driving immediately;

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**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 Abarth 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 Abarth 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.*

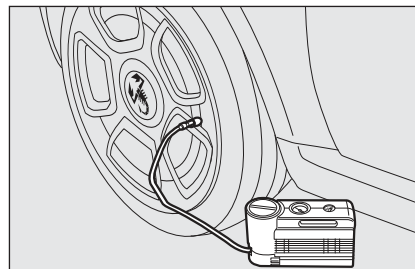


fig. 17

F0S090Ab

### 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.

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## 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;

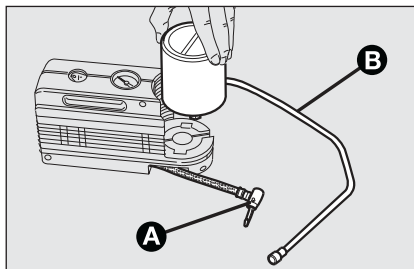


fig. 18

F0S091Ab

- 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.*

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**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 Abarth 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 Abarth Dealership.

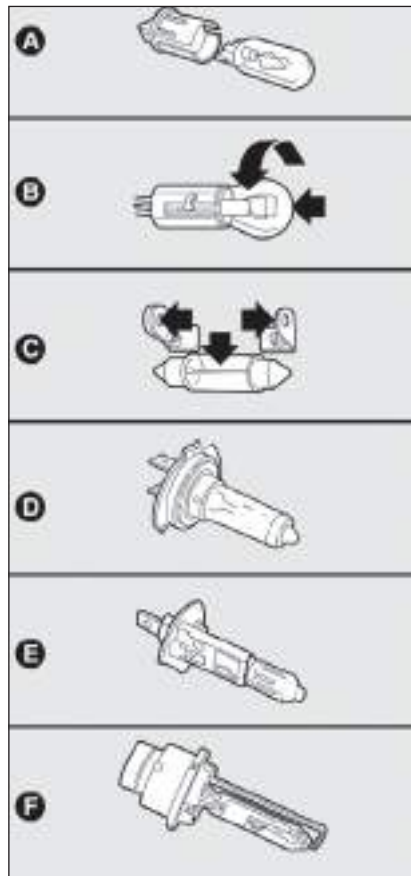


fig. 19

F0S092Ab

## 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.
- F Gas-discharge bulbs:** (Xenon).

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Bulb	Type	Power	Ref. figure
Main beam headlight	H1	55W	D
Dipped beam headlight	H7	55W	D
Xenon Gas-discharge dipped beam headlights (for versions/markets, where provided)	DIS	35W	F
Front sidelight/daylight	W21/5W	5/21W	A
Front direction indicators	WY21W	21	B
Front direction indicators (gas-discharge lamps Xenon)	PY24W	24W	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.

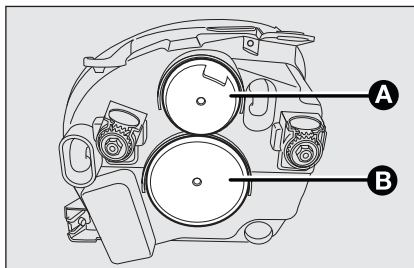


fig. 20

F0S093Ab

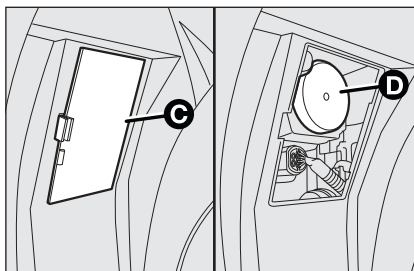


fig. 21

F0S094Ab

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**.

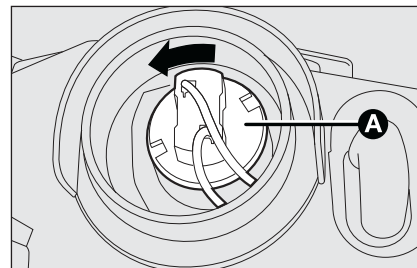


fig. 22

F0S095Ab

### 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;



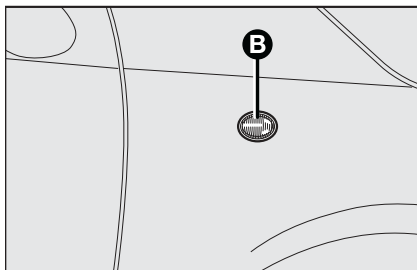


fig. 23

F0S096Ab

### 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.

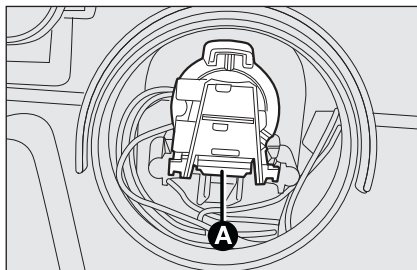


fig. 24

F0S097Ab

### 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;



### WARNING

*Due to high voltage, the bulb of (Xenon) gas-discharge headlights must only be replaced by experts: danger of death! Contact Abarth Dealership.*

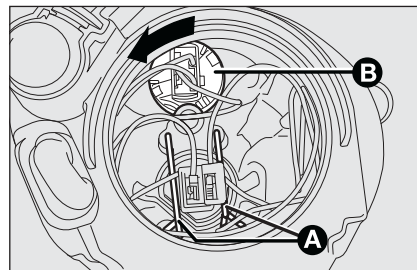


fig. 25

F0S098Ab

### 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

(for versions/markets, where provided)

**IMPORTANT** to replace the front fog lights you must contact Abarth Dealership.

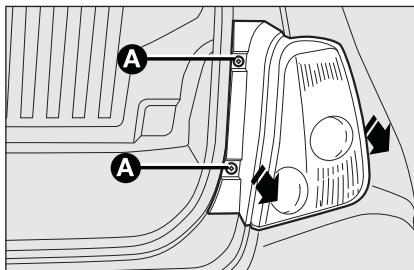


fig. 26

F0S099Ab

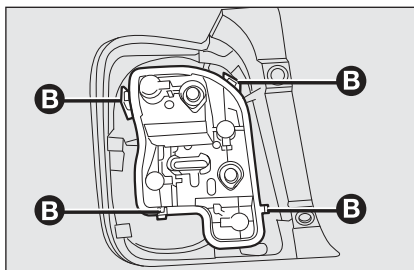


fig. 27

F0S100Ab

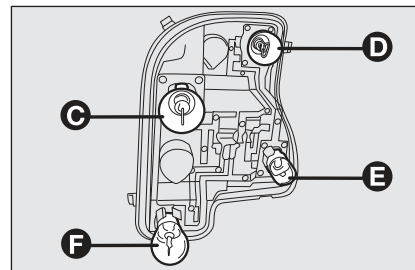


fig. 28

F0S101Ab

- 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)

## 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**;

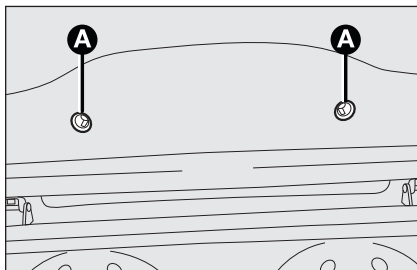


fig. 29

F0S102Ab

### 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;

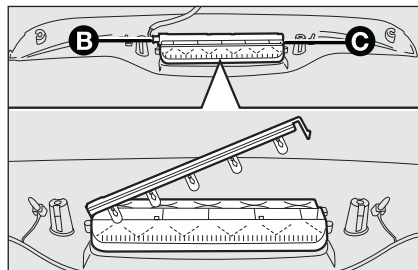


fig. 30

F0S103Ab

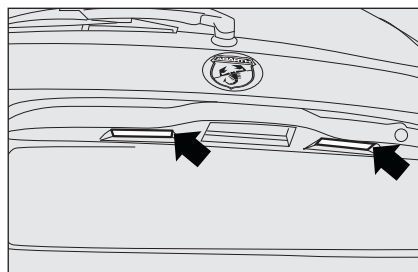


fig. 31

F0S104Ab

### 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;

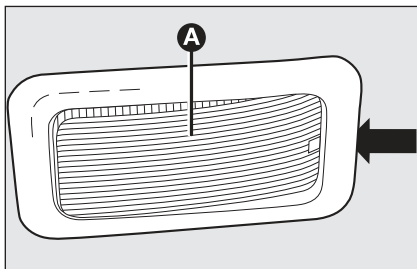


fig. 32

F0S105Ab

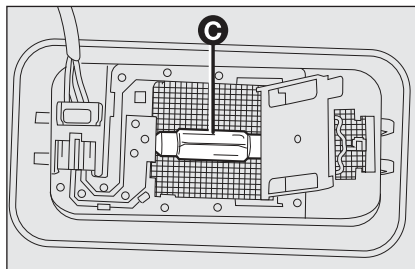


fig. 34

F0S107Ab

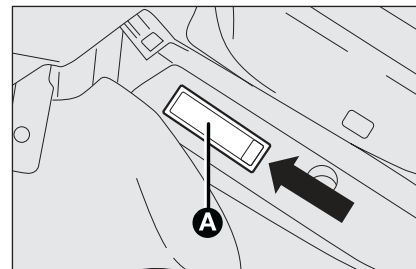


fig. 35

F0S108Ab

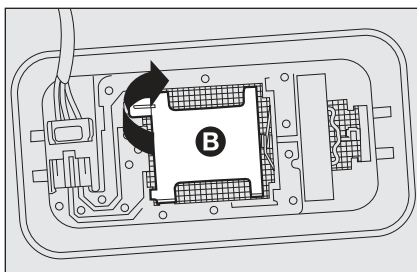


fig. 33

F0S106Ab

- open the cap **B**-fig. 33 as indicated;

- 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.

## BOOT LIGHT

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;

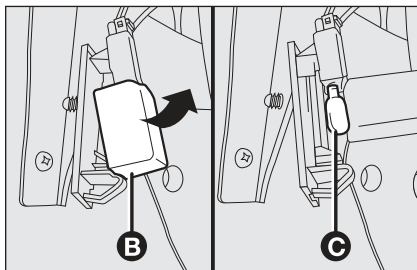


fig. 36

FOS109Ab

- 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 identify the protection fuse, see the tables in the following pages.

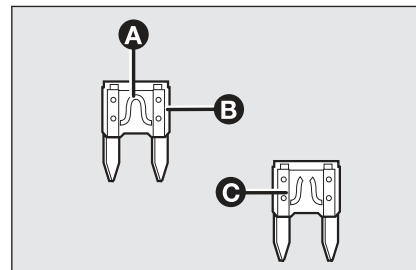


fig. 37

FOS110Ab



**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 Abarth Dealership.*

*Remove the key from the ignition switch and switch off all loads before replacing a fuse.*



### WARNING

**Should the fuse blow again, contact Abarth Dealership.**

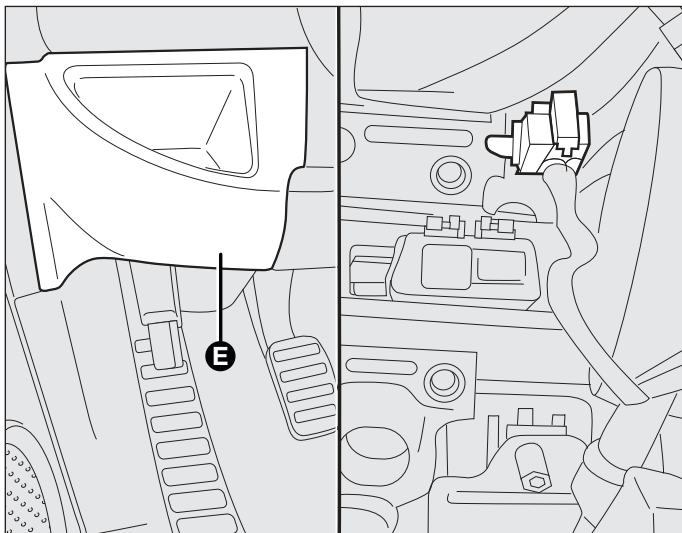


fig. 38

FOS111Ab

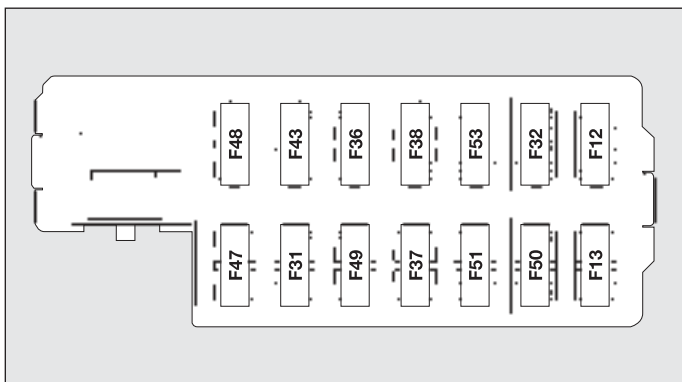


fig. 39

FOS112Ab



## WARNING

If a general protection fuse for safety systems (air bag system, braking system), power unit systems (engine system, transmission system) or steering system is triggered, contact a Abarth Dealership.

## 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**.

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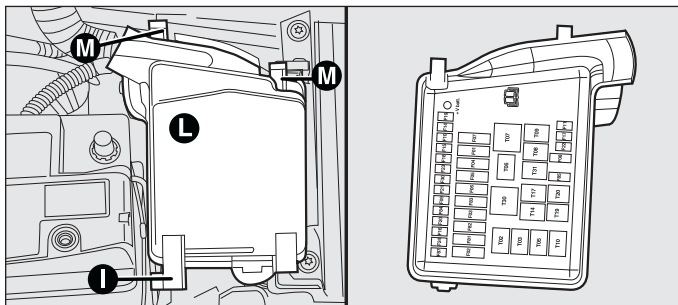


fig. 40

F0S113Ab

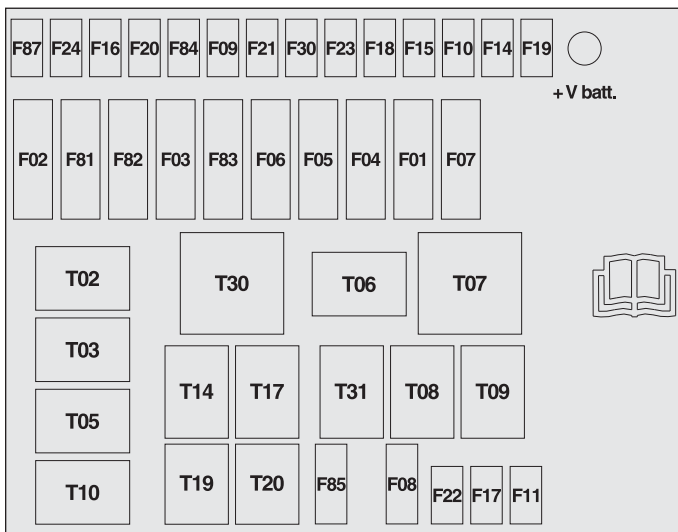


fig. 41

F0S114Ab

## 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
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
Spare	F09	15
Buzzers	F10	15
Engine control system (secondary loads)	F11	10
Main headlights	F14	15
Sunroof motor	F15	20
+15 Engine control unit, relay coil T20	F16	7.5
Engine control unit	F17	10
Spare	F18	7.5
Engine control unit, relay T09 coil	F18	7.5

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**Engine compartment control unit - fig. 41**

	<b>FUSE</b>	<b>AMPERE</b>
Conditioner compressor	F19	7.5
Heated rear window, mirror demisters	F20	30
Fuel pump	F21	15
Ignition coil	F22	15
Engine control unit	F22	20
Braking system (control unit, valves)	F23	20
+ I5 Braking system, electrical driving, yaw sensor	F24	7.5
Fog headlights	F30	15
Spare	F84	10
Front socket (with or without cigar lighter plug)	F85	15
+ I5 for backing lights, T02, T05, T14 and T19 relay coils	F87	7.5

**Engine compartment control unit - fig. 41**

	<b>RELÉ</b>	<b>AMPERE</b>
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
Spare	T20	30
Spare	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 Abarth 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.**

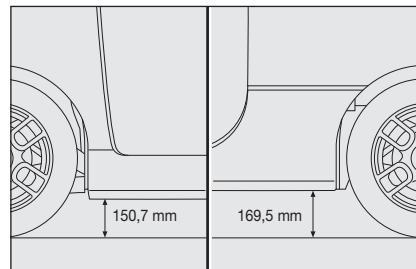


fig. 41a

F0S139Ab

## RAISING THE CAR

As a result of its sporty nature, the car is fitted with aerodynamic spoilers at the bottom and miniskirts at the side. If the vehicle needs to be raised, go to an Abarth Dealership which is equipped with arm lifts and workshop lifts.



**Take special care when positioning the arm lifts or the workshop lift in order not to damage the aerodynamic spoilers and miniskirts.**

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## 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** (only present in the rear section Fig. 43);
- take the tow hook **B** from its seat in the tool support;
- tighten the ring on the rear or front threaded pin.

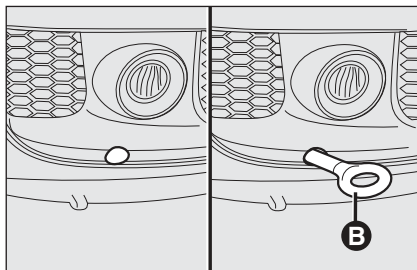


fig. 42

F0S115Ab

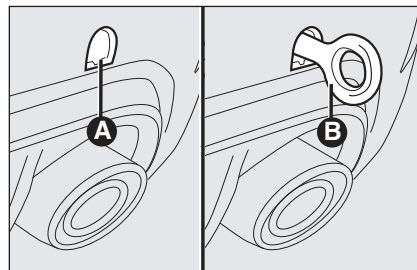


fig. 43

F0S116Ab



#### 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.*



#### WARNING

*Because of the vehicle conformation, it cannot be loaded onto railway carriages and transported.*

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## SCHEDULED SERVICING

Correct maintenance is essential for ensuring long car life under the best conditions.

This is why Abarth 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 Abarth 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 Abarth 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 disc brake pad condition and wear and operation of pad wear signalling	●	●	●	●	●	●
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	●				●	
Visually inspect the accessory drive belt conditions		●				●
Replace accessory drive belts				●		
Check and adjust handbrake lever stroke	●	●	●	●	●	●

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	Thousands of kilometres	30	60	90	120	150	180
YOUR CAR	Check rear disk brake pad conditions and wear	●	●	●	●	●	●
	Replace the air filter cartridge	●	●	●	●	●	●
SAFETY DEVICES	Top up fluids (engine coolant, brakes, windscreen washer, battery, etc.)	●	●	●	●	●	●
	Check the conditions of the distribution control toothed belt		●				●
	Replace the distribution control toothed belt (*)				●		
CORRECT USE OF THE CAR	Replace the spark plugs (○) 	●	●	●	●	●	●
	Check engine control system operation (through diagnosis socket)	●	●	●	●	●	●
	Check the mechanical gearbox oil level			●			●
WARNING LIGHTS AND MESSAGES	Change engine oil and replace oil filter (or every 24 months) 	●	●	●	●	●	●
	Change brake fluid (or every 24 months)		●		●		●
	Change the pollen filter (or anyway every year)	●	●	●	●	●	●
IN AN EMERGENCY	Check emissions at the exhaust	●	●	●	●	●	●

(\*) Regardless of the km covered, the timing belt shall be replaced every 4 years for particularly demanding use (cold climates, driving in the city, idling for a long time) or in any case every 5 years

(○)  **In order to ensure correct efficiency and avoid damaging the engine, it is necessary to:**  
 - exclusively use certified spark plugs specific for the 1.4 TB BZ Abarth engines. All candles to be fitted must be of the same type and same manufacturer (see recommendations reported in the “Engine” paragraph);  
 - strictly respect the candles’ Scheduled Maintenance Plan;  
 - it is recommended to apply to Abarth Dealership.

 **If the car is mainly used for driving in the city, and in any case with an annual mileage of below 10,000 km, change 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 **PETRONAS LUBRICANTS** products, designed and produced specifically for Abarth 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:

- 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 or in case of a long term inactivity;
- in cities;

perform the following inspections more frequently than shown on the Service Schedule:

- check front/rear disc brake pad condition 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 compartment is detected;
- check air cleaner and replace, if required.

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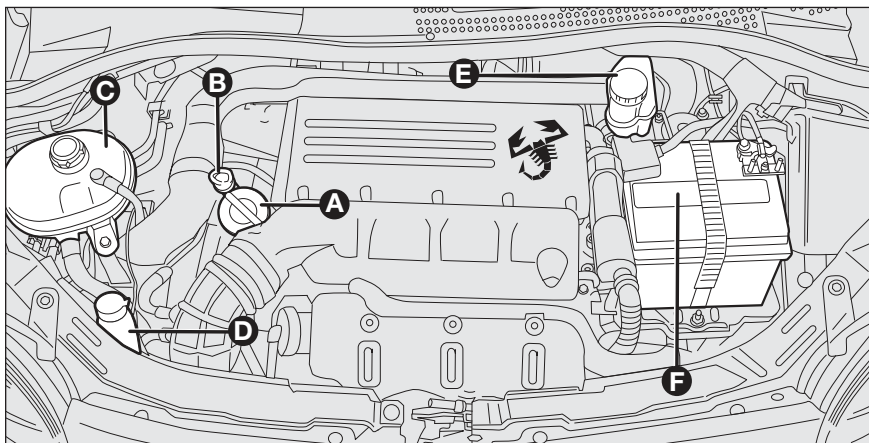


fig. 1

F0S117Ab

## CHECKING FLUID LEVELS

- A. Engine oil filler
- B. Engine oil level dipstick
- 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.**

## ENGINE OIL fig. 1

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 Abarth Dealership where they will be disposed of according to the law.*

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## ENGINE COOLANT fig. 1

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<sup>UP</sup>** of the **PETRONAS LUBRICANTS** Group through the filler neck **C** until the level reaches **MAX**.

A 50-50 mixture of **PARAFLU<sup>UP</sup>** and distilled water gives freeze protection to  $-35^{\circ}\text{C}$ .

When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of **PARAFLU<sup>UP</sup>** and demineralised water.



**PARAFLU<sup>UP</sup> antifreeze is used in the engine cooling system. Use fluid of the same type contained in the cooling system for top-ups. PARAFLU<sup>UP</sup> may not be mixed with other types of fluids. If this accidentally occurs, do not start the engine and contact a Abarth 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

To add fluid, remove the cap **D**, pressing the special tab.

Pour a mixture of water and TUTELA PROFESSIONAL SC 35, in the following concentrations:

30% TUTELA PROFESSIONAL SC 35 and 70% water in summer.

50% TUTELA PROFESSIONAL SC 35 and 50% water in winter.

In case of temperatures below  $-20^{\circ}\text{C}$ , use undiluted TUTELA PROFESSIONAL SC 35 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.**

## BRAKE FLUID fig. 1

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 Abarth 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 Abarth 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 Abarth 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. It is advisable to have the battery changed by a Abarth 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  $-10^{\circ}\text{C}$ ). 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 Abarth 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.

## WHEELS AND TYRES

Check the tyre pressures every couple of weeks and before long journeys.

This check should be carried out with the tyres at rest 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.

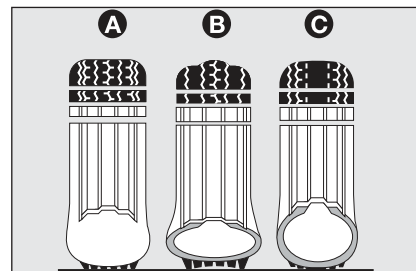


fig. 4

FOS118Ab

### 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 Abarth 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;
- ❑ 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 SC 35 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.*

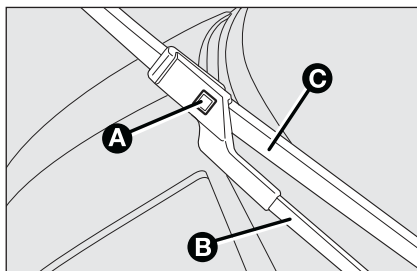


fig. 5

F0S119Ab

### 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.

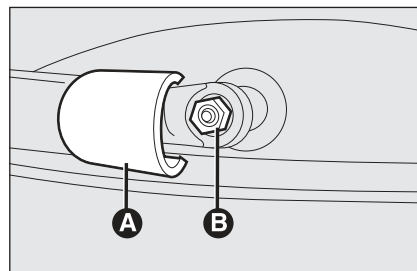


fig. 6

F0S120Ab

### 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.

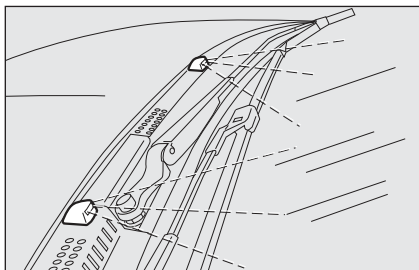


fig. 7

F0S122Ab

## 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  $\frac{1}{3}$  height from the window upper edge.

**IMPORTANT** For the versions with sunroof, before operating the front sprays, ensure that the sunroof is closed.

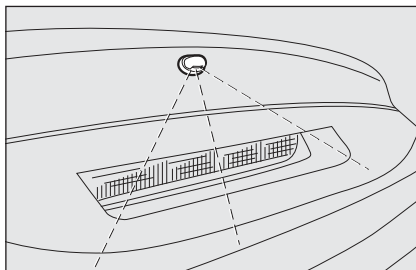


fig. 8

F0S123Ab

### 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, Abarth 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 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 oxidation 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.*

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## 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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## 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.

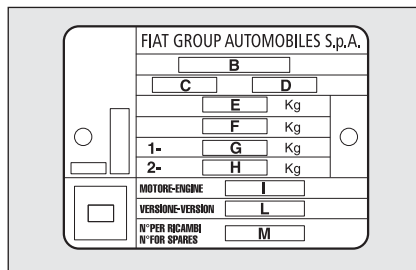


fig. I

F0S124Ab

### MODEL PLATE fig. I

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.

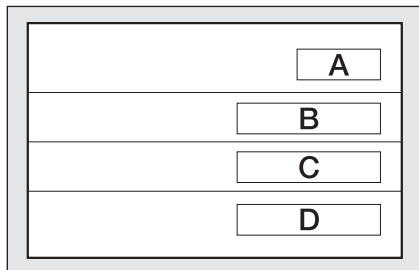


fig. 2

F0S125Ab

### 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.

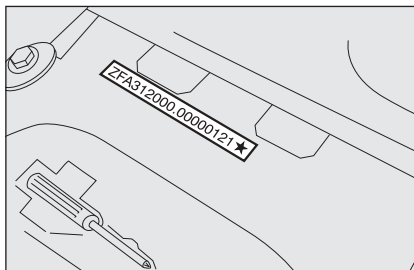


fig. 3

F0S126Ab

### 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

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Versions	Engine type code	Bodywork version code
I.4 TB BZ ABARTH	312A1000	312AXDIA 05B

# ENGINE

## GENERAL

## I.4 TB BZ ABARTH

Engine code		312A1000	
Cycle		Otto	
Number and layout of cylinders		4 in line	
Piston bore and stroke	mm	72 x 84	
Total displacement	cm <sup>3</sup>	1368	
Compression ratio		9.8 : 1	
Maximum power (EEC)	kW	99	
	HP	135	
corresponding ratio	rpm	5500	
Maximum torque (EEC)	Nm	NORMAL	SPORT
		180	206
corresponding ratio	rpm	4500	3000
Spark plugs		IKR9F8	
Fuel		Unleaded petrol 95 R.O.N.	

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## FUEL FEED/IGNITION

### I.4 TB BZ ABARTH

Fuel feed

Multipoint electronic injection  
phased, sequential  
with fixed geometry turbocharger



#### 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

### I.4 TB BZ ABARTH

Gearbox

Five forward gears plus reverse  
with synchronisers for forward gears

Clutch

Self-adjusting with pedal without idle stroke

Drive

Front

## BRAKES

### I.4 TB BZ ABARTH

Service brakes:

- |         |                                  |
|---------|----------------------------------|
| – front | disk type (self-ventilated disc) |
| – rear  | solid disc                       |

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

### I.4 TB BZ ABARTH

Front

with Mc Pherson type independent wheels; consisting of a mechanical crosspiece, shock absorbers, helical springs and stabilizer bar.

Rear

with torquing axle and interconnected wheels; consisting of torquing axle and two tubular arms with shock absorbers and helical springs.

## STEERING

### I.4 TB BZ ABARTH

Type

rack and pinion with dual strategy electric power steering (normal/sport)

Diameter of steering between platforms

m

10.8

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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.

### WHEEL GEOMETRY

Toe-in measured between rims:  
 $0,5 \pm 1$  mm

The values refer to the car in running order.

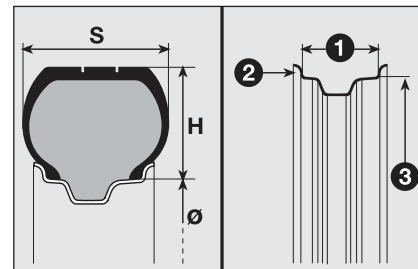


fig. 4

F0S127Ab

### 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.

**W** = up to 270 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 **I**.

**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** =  $\emptyset$ .

**H2** = shape and number of the “humps” (circumference relief, holding into its seat the bead of the Tubeless tyre on the rim).



fig. 5

FOQ760m

### TYRES RIM PROTECTOR fig. 5



#### WARNING

*If after-sale tyres with rim protector are used (fig. 6) and the car has integral cups fixed (by springs) to the sheet wheel, DO NOT fit wheel cups. The use of unsuitable tyres and wheel cups could cause a sudden pressure loss of the tyre.*

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Versions	Rims	Tyres Standard tyre	Tyres Snow tyre
1.4 TB BZ ABARTH	6½J x 16H2-ET35 7J x 17H2-ET38	195/45 R16 84 V XL* 205/40 R17 84 W XL	**

\* 7 mm chains can be fitted.

\*\* Winter tyres (Pirelli Snow Sport 195/45 R16) are also available to be used if the car is mainly driven on snow-covered roads.

### 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	
	Front	rear	Front	Rear
195/45 R16 84 V XL	2.3	2.1	2.6	2.4
205/40 R17 84 W XL	2.3	2.1	2.6	2.4

\* At speeds above 160 km/h, use the inflation pressures for the maximum load conditions.

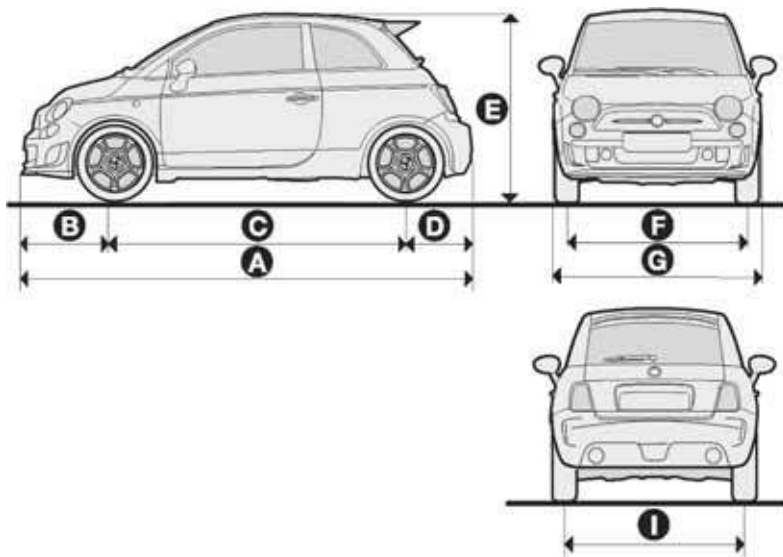


fig. 6

F0S128Ab

## 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
<b>1.4 TB BZ ABARTH</b>	3657	776	2300	581	1480/1485(▲)	1415/1409(▲)	1627	1408/1402(▲)

(▲) With 205/40 R17 tyres



## PERFORMANCE

Top admitted speed after initial car use in km/h.

**I.4 TB BZ ABARTH**

205

# WEIGHTS

## Weights (kg)

## I.4 TB BZ ABARTH

Unladen weight (with all liquids, fuel tank filled to 90% and without optional equipment):	1035
Carrying capacity (*) including the driver:	390
Maximum admitted loads (**)	
– front axle:	830
– rear axle:	640
– total:	1425
Towable loads	
– trailer with brakes:	800
– trailer without brakes:	400
Maximum load on tow hitch (trailer with brakes):	60

(\*) If special equipment is fitted (sunroof, 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

		I.4 TB BZ ABARTH	Prescribed fuels and Original lubricants
Fuel tank:	litres	35	Unleaded petrol, at least 95 R.O.N. (Specification EN 228)
	including a reserve of: litres	5	
Engine cooling system:	litres	5.15	Mixture of 50% distilled water and <b>PARAFLU<sup>UP</sup></b> (☐)
Engine sump:	litres	2.75	<b>SELENIA ABARTH 10W50</b>
Engine sump and filter:	litres	2.90	
Gearbox/differential casing:			<b>TUTELA CAR TECHNYX</b>
	litres	1.65	
Hydraulic brake circuit:	kg	0.55	<b>TUTELA TOP 4</b>
Windscreen and rear window washer fluid tank:	litres	2.5	Mixture of water and <b>TUTELA PROFESSIONAL SC 35</b>

(☐) When the vehicle is used under particularly harsh climate conditions, we recommend using a 60-40 mixture of PARAFLU<sup>UP</sup> and demineralised water.

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# 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	All synthetic lubricant SAE 10W50 grade	<b>SELENIA ABARTH 10W50</b> Contractual Technical Reference N° 0101	According to Service Schedule

The use of products with features lower than ACEA C3 could cause engine damage not covered by warranty.

When the vehicle is used under particularly harsh climate conditions request from Abarth Dealership the appropriate product of the **PETRONAS LUBRICANTS** 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	<b>TUTELA CAR TECHNIX</b> Contractual Technical Reference N° F010.B05	Mechanical gearbox and differential
	Molybdenum bisulphide grease, resistant to high temperatures. Consistency NL.GI. 1-2	<b>TUTELA ALL STAR</b> 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.	<b>TUTELA STAR 325</b> 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	<b>TUTELA TOP 4</b> 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	<b>PARAFLU<sup>UP</sup> (*)</b> 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	<b>TUTELA PROFESSIONAL SC 35</b> Contractual Technical Reference N° F201.D02	To be used diluted or undiluted in windscreen/rear window washer/wiper systems

(\*) IMPORTANT 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<sup>UP</sup> 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 European Directive in force (litres x 100 km)

Versions	Urban	Extra-urban	Combined
<b>1.4 TB BZ ABARTH</b>	8.5	5.4	6.5

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

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

### Versions

CO<sub>2</sub> emissions according to  
European Directive in force (g/km)

**I.4 TB BZ ABARTH**

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# DECLARATION OF CONFORMITY

## Directive 99/5/EC (R&TTED)

Manufacturer of  
Authorized representative: Delphi Deutschland GmbH

Address: Wiehltuhl 4  
D-51786 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)**

**DECLARATION**

Deutsches Institut für  
Normung & Sicherheit Electronics  
Wiehltuhl 4 · D-51786 Engelskirchen  
Telefon 02281 2 571 0  
E-Mail [info@di-n.de](mailto:info@di-n.de)

Wiehl, 2007-04-20  
place and date of issue

Cynthia Ermelanoff  
(European Businessline Director C+S)

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## **PROVISIONS FOR THE PROCESSING OF A VEHICLE AT THE END OF ITS LIFE-CYCLE**

For years now Fiat has been developing its global commitment towards the safeguarding and protection of the Environment through the continuous improvement of its production processes and the making of increasingly more “eco friendly” products. With a view to guaranteeing the best possible service to clients in full observance of environmental standards and in response to the obligations imposed by European Directive 2000/53/EC on end-of-life vehicles, Fiat offers its clients the possibility to hand in their vehicle\* at the end of its life span without additional costs.

The European Directive, in fact, provides for the take-back of the vehicle without the last holder or owner of the same incurring expenses due to the fact that the market value of the vehicle is zero or negative. In particular, in almost all of the countries of the European Union, up until 1st January 2007, take-back of the vehicle free of charge only applies to vehicles registered from 1 July 2002 on, while, from 2007 on, take-back will be carried out free of charge, independently of the year of registration, provided that the vehicle still contains all its essential component parts (especially engine and body) and is free from additional waste materials.

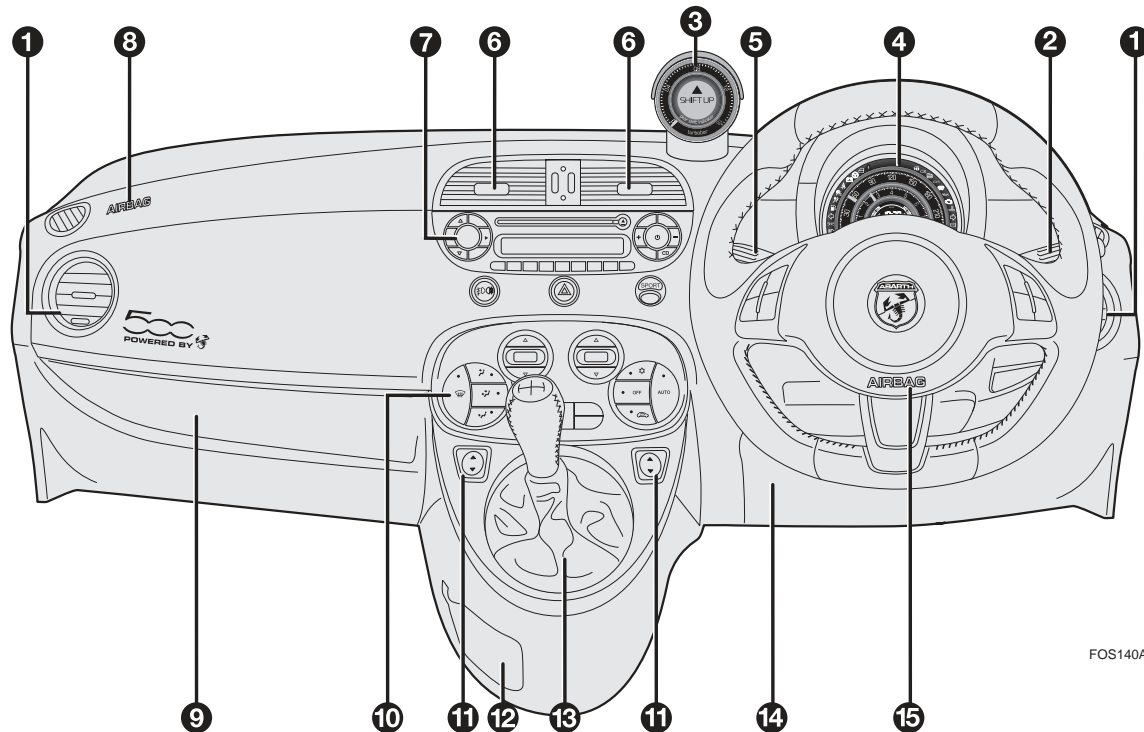
Our contracted network of authorised treatment facilities has been carefully selected in order to provide a quality service to our customers by de-polluting and recycling “End of Life Vehicles” to approved environmental standards. To find out the location of your nearest authorised treatment facility, offering free of charge take-back, simply contact one of our dealers or refer to the Fiat web site or call the toll free number 00800 3428 0000.

\* Passenger transportation vehicles to seat a max. of nine persons, having a total admissible weight of 3.5 t

# RIGHT HAND DRIVE

## DASHBOARD

The presence and position of the controls, instruments and gauges may vary depending on the trim level.



FOS140Ab

fig. 1

- 1. Side vent – 2. Right stalk: controls wiper, washer, trip computer – 3. Turbo pressure gauge – 4. Instrument panel and warning lights – 5. Left stalk: external lights controls – 6. Central air vents – 7. Oddment/Car radio compartment – 8. Passenger air bag – 9. Oddment compartment/hidden document tray – 10. Heating/ventilation/climate control – 11. Power windows control – 12. Oddment compartment – 13. Gear lever – 14. Knee bag – 15. Driver air bag.

## INSTRUMENT PANEL AND ONBOARD INSTRUMENTS

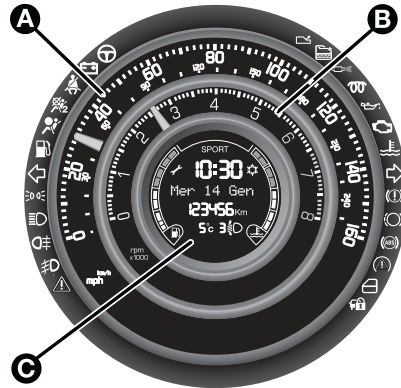


fig. 2

FOS141Ab

### 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.

### 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.

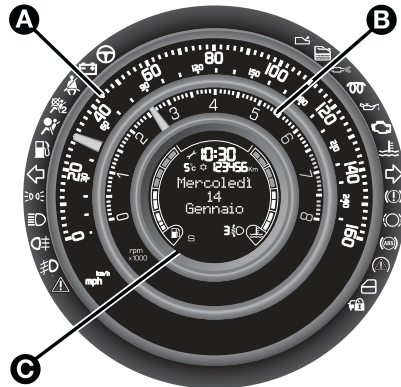


fig. 3 - Version with reconfigurable multifunctional display

FOS142Ab



SELENIA,  
PER CHI SI SENTE  
DAVVERO ABARTH

SELENIA,  
REAL ABARTH  
PEOPLE



## 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	
	Front	rear	Front	Rear
195/45 R16 84 V XL	2.3	2.1	2.6	2.4
205/40 R17 84 W XL	2.3	2.1	2.6	2.4

\* At speeds above 160 km/h, use the inflation pressures for the maximum load conditions.

## ENGINE OIL CHANGE

	I.4 TB BZ ABARTH
Engine sump	2.75
Engine sump and filter	2.90

## FUEL CAPACITIES (litres)

	I.4 TB BZ ABARTH
Tank capacity	35
Reserve	5

The car should only be refuelled with unleaded petrol with an octane rating (RON) of at least 95 (Specification EN 228)



The data contained in this publication is intended merely as a guide. Fiat reserves the right to modify the models and versions described in this booklet at any time for technical and commercial reasons.

If you have any further questions please consult your Abarth dealer.

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