

F I A T P A N D A



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

Dear Customer,

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

We have written this handbook to help you get to know all your new Fiat Panda's features and use it in the best possible way. You should read it right through before taking the road for the first time. You will find information, tips and important warnings regarding the driving of your car to help you derive the maximum from your Fiat Panda's technological features.

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



personal safety;



the car's wellbeing;



environmental protection.

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

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

Best regards and good motoring!

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

MUST BE READ!

REFUELLING



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



Diesel engines: only refuel with diesel fuel for motor vehicles (EN 590 Specification).

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

ENGINE STARTING



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

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

PARKING ON FLAMMABLE MATERIAL



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

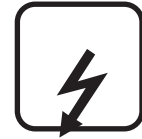
RESPECTING THE ENVIRONMENT



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

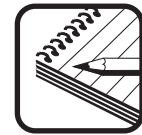
ELECTRICAL ACCESSORIES

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



CODE card

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




SCHEDULED SERVICING

Correct maintenance of the car is essential for ensuring it stays in tip-top condition and safeguards its safety features, its environmental friendliness and low running costs for a long time to come.



THE OWNER HANDBOOK CONTAINS...

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



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DASHBOARD

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

Left-hand drive versions

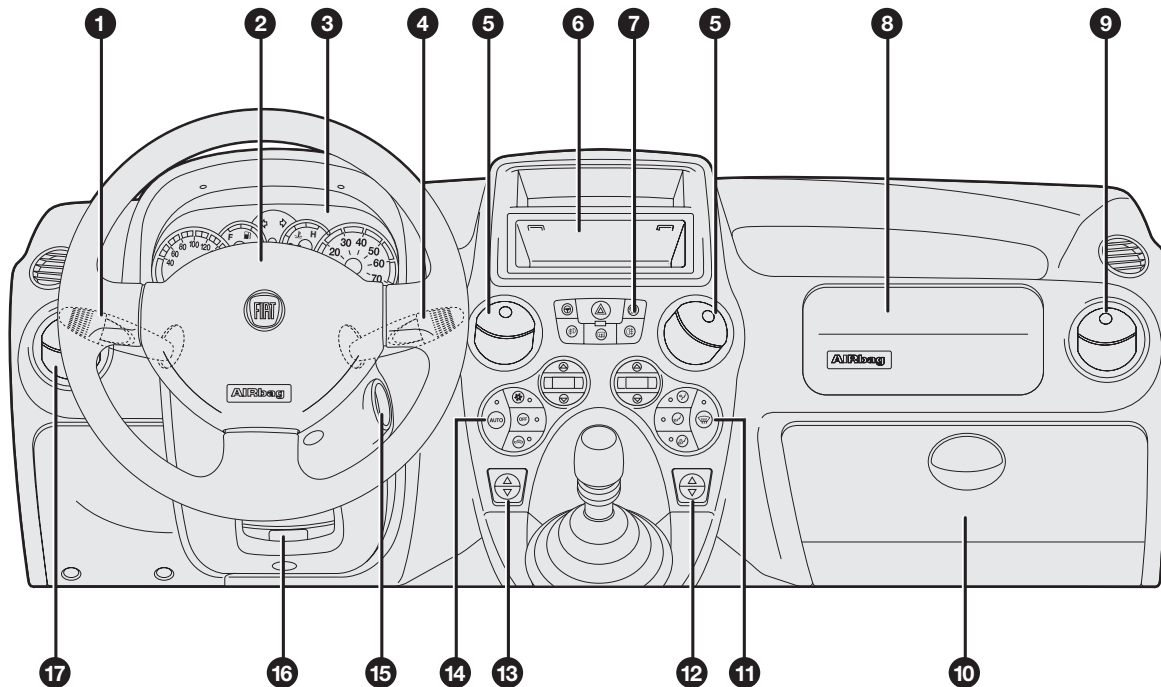
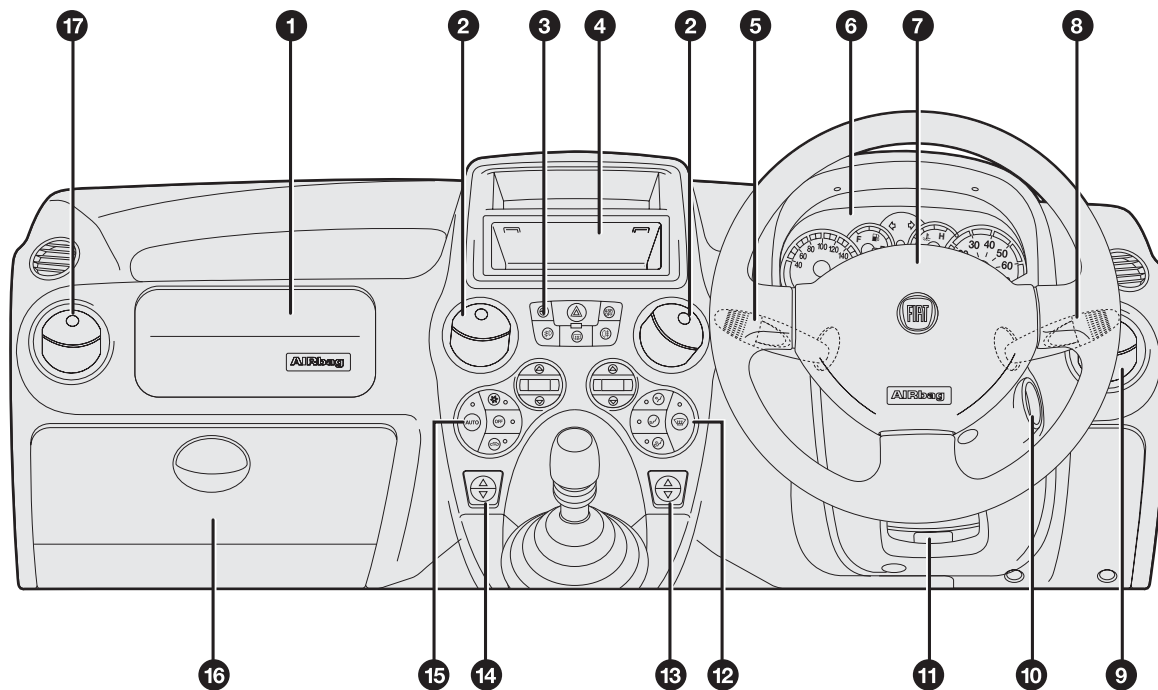


fig. I

FOG0677m

- 1. Light and direction indicator stalk - 2. Steering wheel with air bag - 3. Instrument panel - 4. Windscreen/rear window wiper lever - 5. Central air vents - 6. Sound system compartment - 7. Various controls - 8. Passenger's air bag - 9. Right-hand side air vent - 10. Glove compartment - 11. Air distribution controls - 12. Right power window control - 13. Left power window control - 14. Air conditioner controls - 15. Ignition switch - 16. Steering wheel adjusting lever - 17. Left-hand side air vent.

Right-hand drive versions



F0G0678m

fig. 2

1. Passenger's air bag - 2. Central air vents - 3. Various controls - 4. Sound system compartment - 5. Light and direction indicator stalk - 6. Instrument panel - 7. Steering wheel with air bag - 8. Windscreen/rear window wiper lever - 9. Right-hand side air vent - 10. Ignition switch - 11. Steering wheel adjusting lever - 12. Air distribution controls - 13. Right power window control - 14. Left power window control - 15. Climate control system controls - 16. Glove compartment - 17. Left-hand side air vent.

SYMBOLS

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

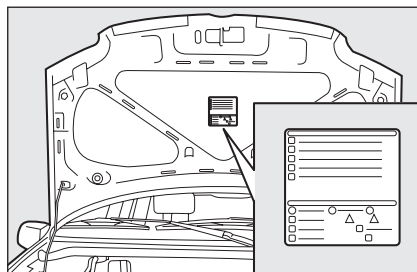


fig. 3

FIG0003m

The plate summarising the symbols used can be found under the bonnet **fig. 3**.

THE FIAT CODE SYSTEM

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


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

OPERATION

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

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

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

If the code has not been recognised correctly, the instrument panel warning light  turns on.

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

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

Warning light coming on when driving

- If the warning light  turns on, this means that the system is running a self-test (for example for a voltage drop). At the first stop, turn the ignition key to **STOP** and then back to **MAR**: if no failure is detected, warning light  will not come on.
- If the warning light  stays on, repeat the procedure described previously leaving the key at **STOP** for over 30 seconds. Should the inconvenience persists, contact a Fiat Dealership.
- If the warning light  stays on this means that the code has not been recognised. In this case the key should be moved to the **STOP** position and then back to **MAR**; if the lock continues, possibly try again with the other keys provided with the car. If it is still not possible to start the car, follow the instructions given in section “In an emergency” and then contact a Fiat Dealership.



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

THE KEYS

CODE CARD fig. 4

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

- A** the electronic code to be used for emergency starting (see “Emergency starting” in section “Correct use of the car”).
- B** the mechanical key code to be given to the Fiat Dealership when ordering duplicate keys.

Make sure you have the electronic code **A** with you at all times in the event you have to perform an emergency start-up.

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

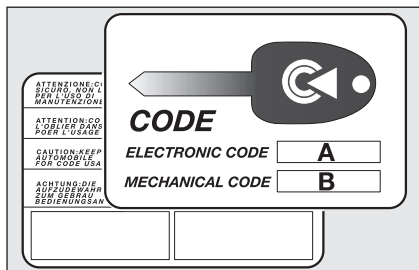


fig. 4

FOG0679m



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

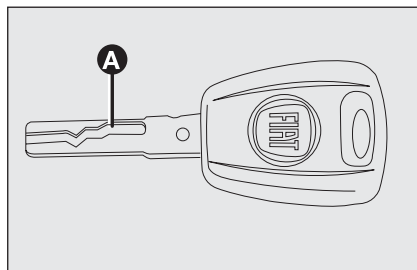


fig. 5

FOG0680m

KEY WITHOUT REMOTE CONTROL fig. 5

The metal insert **A** operates:

- the ignition switch;
- the door and the tailgate locks;
- the switch to deactivate the passenger's air bag (where provided).

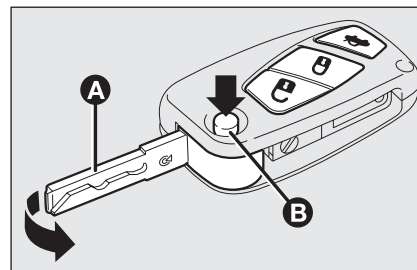


fig. 6

FOG0681m

KEY WITH REMOTE CONTROL (where provided) fig. 6 - fig. 6a

The metal insert **A** operates:

- the ignition switch;
- the door and the tailgate locks;
- the switch to deactivate the passenger's air bag (where provided).

Press button **B** to open/to close the metal insert.



WARNING

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

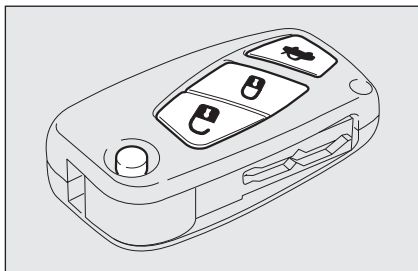



fig. 6/a


F0G0682m

Opening the doors and the tailgate

Briefly press button : for remote unlocking of doors and tailgate, timed switching of ceiling lights and double flashing of direction indicators (for versions/markets where provided).

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


Locking the doors and the tailgate

Briefly press button : for remote locking of doors and tailgate, switching off of the internal ceiling light and single flashing of direction indicators (where provided).

If one of the doors remains open, all doors will be closed and immediately re-opened; in this case make sure all doors are locked correctly and repeat the door lock procedure.

If 20 km/h speed is exceeded, the doors will be locked automatically provided the special function is set (only with reconfigurable multifunction display on versions where provided).

Opening the tailgate by the remote control

Press and keep button  pressed for over 1 second to open the tailgate by remote control.

Tailgate opening is accompanied by the direction indicators flashing twice.

IMPORTANT If the remote control does not work properly, it is still possible to carry out the above mentioned operations by using the metal insert of the key.

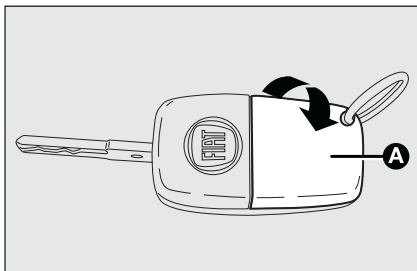


fig. 7

F0G0683m

REQUEST FOR ADDITIONAL REMOTE CONTROLS

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

REPLACING THE BATTERY OF THE KEY WITH REMOTE CONTROL

Battery replacement:

- open the snap-fitted lid **A**-fig. 7 as shown by the arrow
- remove the exhaust battery and replace it making sure that the bias is correct (positive pole + up)

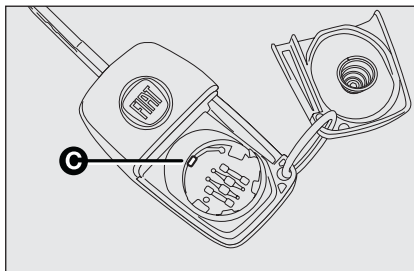


fig. 8

F0G0684m

- new battery shall be fitted under catch **C**-fig. 8; then refit the lid and press it down until hearing the locking click.



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

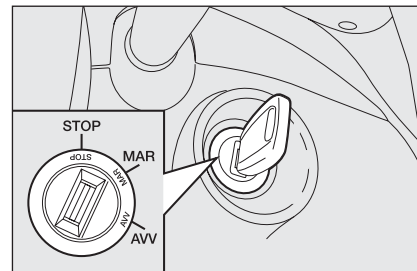


fig. 9

F0G0026m

IGNITION SWITCH fig. 9

The key can be turned to 3 different positions:

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

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

**WARNING**

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

**WARNING**

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

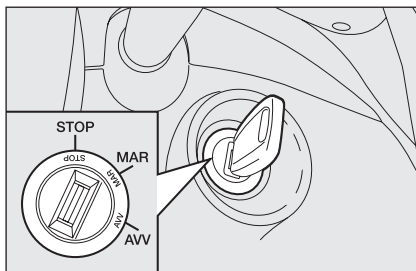


fig. 10

F0G0026m

STEERING COLUMN LOCK

fig. 10

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**.

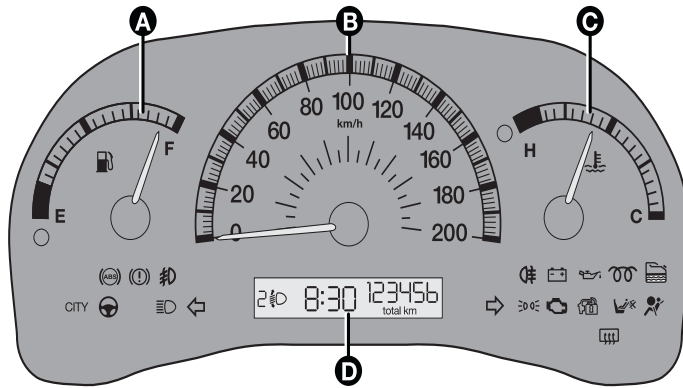
**WARNING**

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

**WARNING**

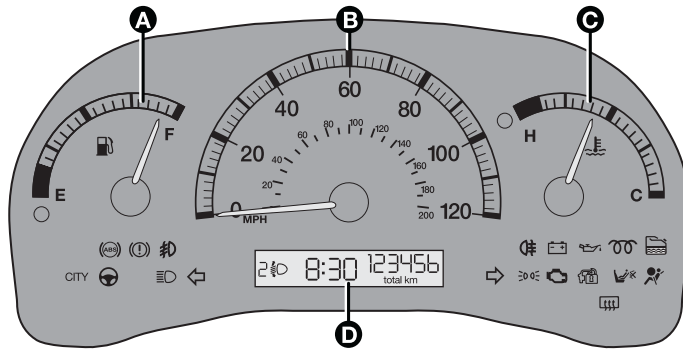
It is absolutely forbidden to carry out whatever after-market operation involving steering system or steering column modifications (e.g.: installation of anti-theft device) that could badly affect performance and safety, cause the lapse of warranty and also result in non-compliance of the car with homologation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

INSTRUMENT PANEL



FOG0250m

fig. 11 - Left-hand drive versions





FOG0251m

fig. 12 - Right-hand drive versions

Actual-Active VERSIONS

- A** Fuel level gauge with reserve warning light
- B** Speedometer (speed indicator)
- C** Engine coolant temperature gauge and excessive temperature warning light
- D** Digital display

Warning lights  and  are only provided on Diesel versions.

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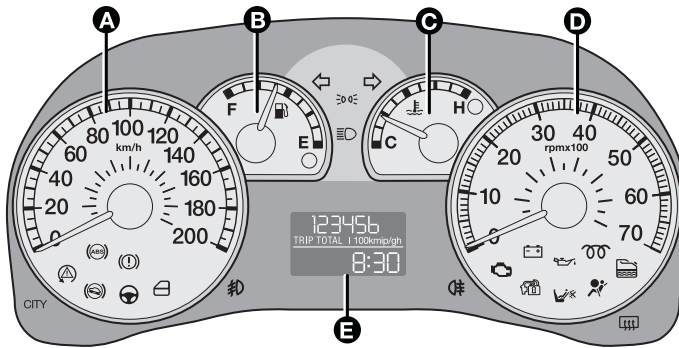
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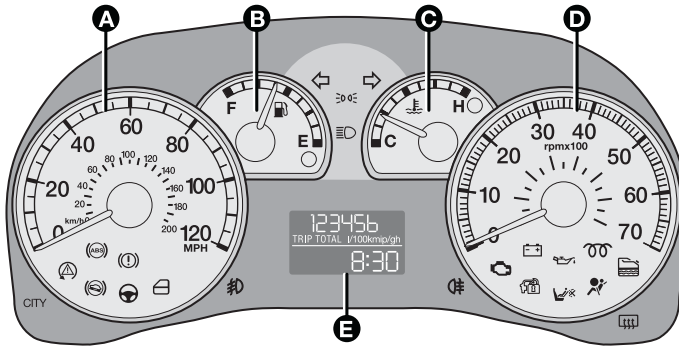
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F0G0252m

fig. 13 - Left-hand drive versions





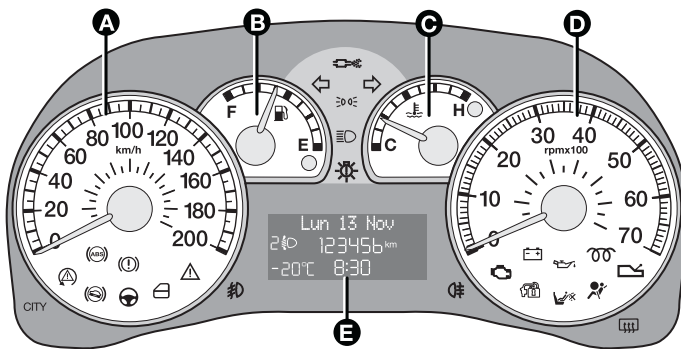
F0G0253m

fig. 14 - Right-hand drive versions

Dynamic VERSIONS

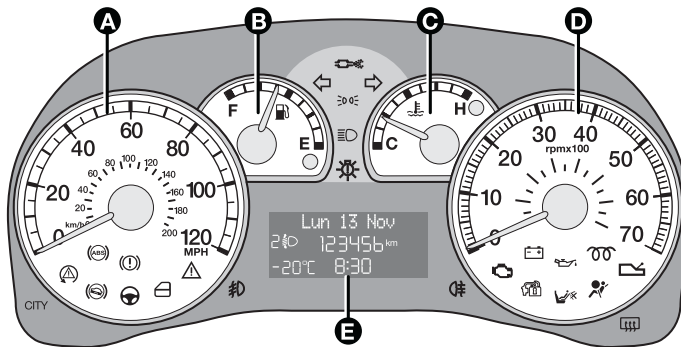
- A** Speedometer (speed indicator)
- B** Fuel level gauge with reserve warning light
- C** Engine coolant temperature gauge and excessive temperature warning light
- D** Rev counter
- E** Multifunction display

Warning lights  and  are only provided on Diesel versions.



FOG0635m

fig. 15 - Left-hand drive versions





FOG0636m

fig. 16 - Right-hand drive versions

Emotion VERSIONS

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

Warning light  is only provided on Diesel versions.

Warning light  is only provided on versions fitted with Dualogic gearbox (see Supplement "Dualogic" attached to this Owner Handbook).

INSTRUMENTS

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

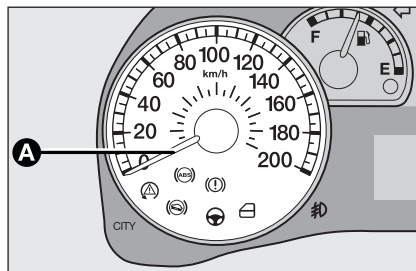


fig. 17

F0G0146m

SPEEDOMETER (SPEED INDICATOR) fig. 17

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

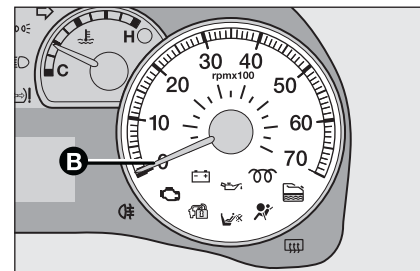


fig. 18

F0G0256m

REV COUNTER fig. 18

The indicator **B** shows the engine rev number.

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

When the engine is idling, the rev counter may indicate a gradual or sudden higher-ing of the speed.

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

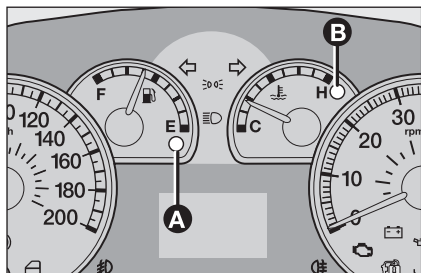


fig. 19

FUEL LEVEL GAUGE fig. 19

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

E tank empty.

F full tank (see the indications given in paragraph "At the filling station").

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

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

IMPORTANT The needle sets to **E** with warning light **A** flashing to indicate that the system is failing. In this event contact Fiat Dealership to have the system checked.

ENGINE COOLANT TEMPERATURE GAUGE fig. 19

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

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

C Low engine coolant temperature.

H High engine coolant temperature.

The turning on of the warning light **B** (on certain versions with a message on the re-configurable multifunction display) indicates that the coolant fluid temperature is too high; in this case, stop the engine and contact a Fiat Dealership.



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

DIGITAL DISPLAY

“STANDARD” SCREEN fig. 20

The standard screen shows the following indications:

- A** Headlight aiming position (only with dipped beam headlights on).
- B** Clock (always displayed, even with ignition key removed and front doors closed).
- C** Odometer (covered km or miles).

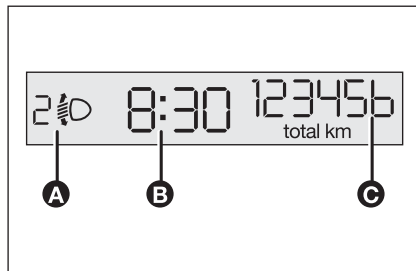


fig. 20

F0G0015m

Note With key removed (when opening one of the front doors) the display will turn on and show for a few seconds the km or mi covered.

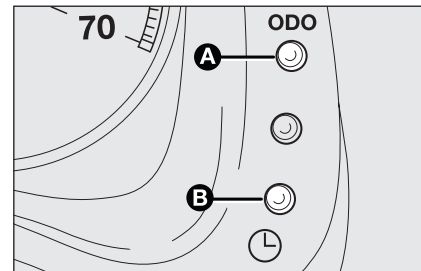


fig. 21

F0G027m

CONTROL BUTTONS fig. 21

- A** Press briefly for switching from total to partial km/miles.
Long press (over 2 seconds) to reset partial km/miles.
- B** Set clock.

SETTING THE CLOCK fig. 21

To set the clock hour press button **B**. Every press on the button increases or decreases by one unit. Keeping the corresponding button pressed obtains automatic fast increase or decrease. When you are near the required value, release the button and complete adjustment with single presses.

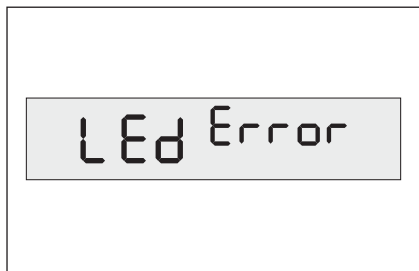


fig. 22

F0G0185m

WARNING LIGHT TEST fig. 22

The following warning lights are tested:

- handbrake on/low brake fluid level;
- ABS and EBD systems (where provided);
- ESP system (where provided);
- “Dualdrive” electrical power steering failure (where provided).

The test is automatically run when the ignition key is turned to **MAR** and during normal operation when a fault is signalled. At the end of the initial warning light test, the message “LEd Error” will flash on the display for 10 seconds if a faulty warning light is found.

MULTIFUNCTION DISPLAY

STANDARD SCREEN fig. 23

The standard screen shows the following indications:

- A** Headlight aiming position (only with dipped beam headlights on).
- B** Clock.
- C** Odometer (covered km or miles).

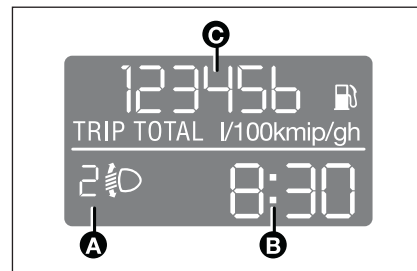


fig. 23

F0G0016m

Note With key removed (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.

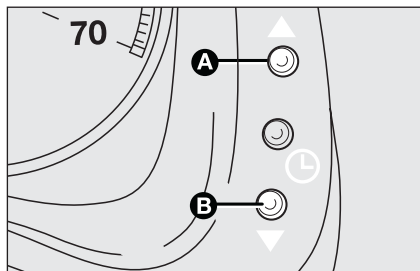


fig. 25

FOI0142m

SETTING THE CLOCK fig. 25

To adjust the time, press button **A** to increase minutes, button **B** to decrease minutes. Every press on the button increases or decreases by one unit. Keeping the corresponding button pressed obtains automatic fast increase or decrease. When you are near the required value, release the button and complete adjustment with single presses.

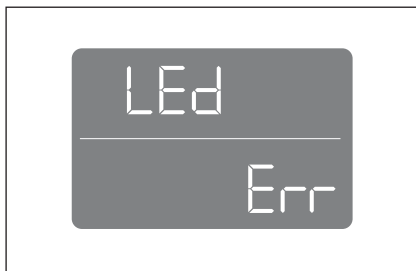


fig. 26

FOG0152m

WARNING LIGHT TEST fig. 26

The following warning lights are tested:

- handbrake on/low brake fluid level;
- ABS and EBD systems (where provided);
- ESP system (where provided);
- “Dualdrive” electrical power steering failure.

The test is automatically run when the key is turned to **MAR** and during normal operation when a fault is signalled. At the end of the initial warning light test, the message LEd Err will flash on the display for 10 seconds if a faulty warning light is found.

RECONFIGURABLE MULTIFUNCTION DISPLAY (where provided)

The car can be provided with the reconfigurable multifunction display that shows useful information, according to the previous settings made, necessary when driving.

“STANDARD” SCREEN fig. 27

The standard screen shows the following indications:

- A** Date
- B** Odometer (covered km or miles)
- C** Clock
- D** External temperature
- E** Headlight aiming position (only with dipped beam headlights on).

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.

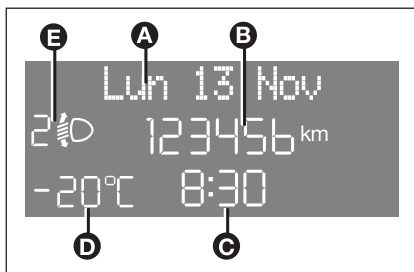


fig. 27

FIG0017m

CONTROL BUTTONS fig. 28

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

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

Long press to go back to the standard screen.

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

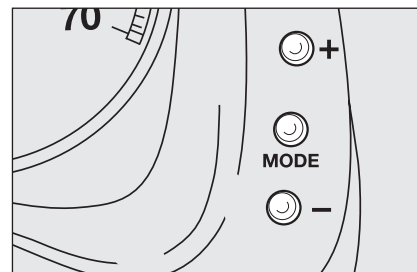


fig. 28

FIG0630m

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

To adjust light inside the passenger compartment

– to adjust instrument panel, sound system and automatic climate control system display brightness when standard screen is active.

Setup menu

– to scroll the menu options upwards and downwards;
– to increase or decrease values during settings.

SETUP MENU fig. 29

The menu comprises a series of functions arranged in a “circular fashion” which can be selected through buttons + and – to access the different select operations and settings (setup) given in the following paragraphs.

For certain options (Hour and Unit) a submenu is provided.

The setup menu can be activated by pressing briefly button **MODE**.

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.

Selecting an option of the main menu without submenu:

- press briefly button **MODE** to select the main menu option to set;
- press buttons + or – (by single presses) to select the new setting;
- press briefly button **MODE** to store the new setting and to go back to the main menu option previously selected.

Selecting an option of the main menu with submenu:

- press briefly button **MODE** to display the first submenu option;
- press buttons + or – (by single presses) to scroll all the submenu options;
- press briefly button **MODE** 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;
- press briefly button **MODE** to store the new setting and to go back to the previously selected submenu option.

Selecting “Date” and “Set Clock”:

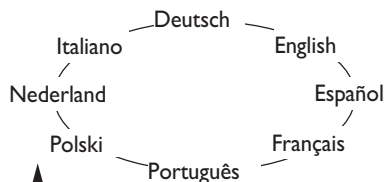
- briefly press button **MODE** to select the first value to change (e.g. hours / minutes or year / month / day);
- operate buttons + or – (by single press) to select the new setting;
- briefly press button **MODE** to store the new setting and to go to the next setup menu option, if this is the last one you will go back to the previously selected option of the main menu.

Press button MODE for long:

- to quit the set up menu if you are in the main menu;
- to quit the main menu if you are at another point of the menu (e.g.: at submenu option setting level, at submenu level or at main menu option setting level);
- to save only the settings stored yet (and confirmed by pressing button **MODE**).

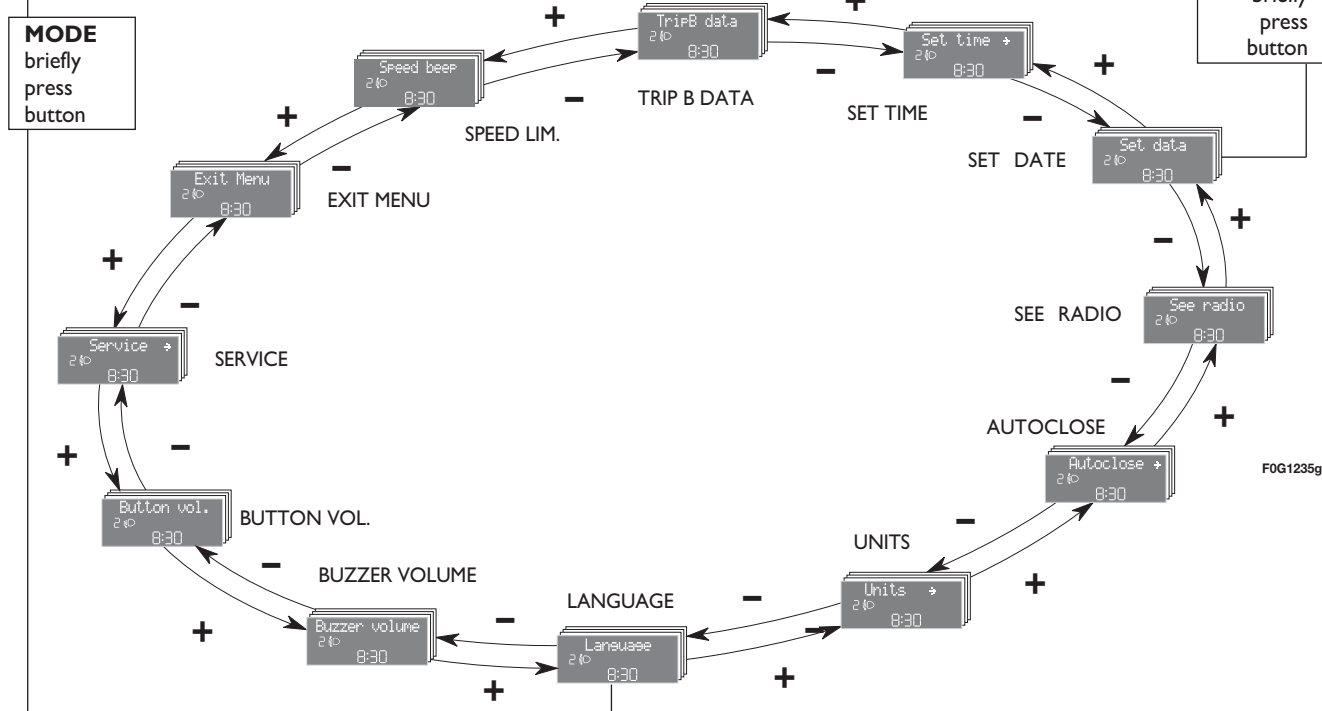
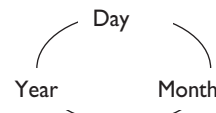
The setup menu displaying is timed; when quitting the menu due to timing expiry, only settings stored yet by the user (and confirmed by pressing briefly button **MODE**) will be saved.

Example:



Briefly press button **MODE** to start surfing from the standard screen. To surf the menu use buttons **+** or **-**. **Note** For safety reasons, when the car is running, it is possible to access only the reduced menu (for setting the “Beep limit”). When the car is stationary access to the whole menu is enabled. On cars provided with the Connect Nav+ system, many functions are displayed on the navigator display.

Example:



F0G1235g

fig. 29

Speed limit (Speed Beep)

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 **MODE**, the display will show the wording (Speed Beep);
- press button **+** or **-** to select speed limit activation (On) or deactivation (Off);
- if the function has been activated (On), press buttons **+** or **-** to select the required speed limit and then press **MODE** to confirm.

Note The possible setting is between 30 and 200 km/h, or between 20 and 125 mph depending on the unit set previously (see paragraph “Setting the distance unit (Units)”) described later. Every press on button **+** / **-** increases/decreases by 5 units. Keeping the button **+** / **-** pressed obtains the automatic fast increase or decrease. When you are near the required setting complete adjustment by single presses.

– briefly press button **MODE** en 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 **MODE**: (On) will flash on the display;
- press button **-**: (Off) will flash on the display;
- briefly press button **MODE** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

Trip B On/Off (tripB data)

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

For further information see “Trip computer”.

For activation / deactivation, proceed as follows:

- briefly press button **MODE**: (On) or (Off) will flash on the display (according to previous setting);
- press button **+** or **-** for setting;
- briefly press button **MODE** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

Set clock (Set time)

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

Proceed as follows:

- briefly press button **MODE**, the display will show the two sub-menus “Time” and “Mode”;
- press button **+** or **-** to surf the two sub-menus;
- select the required option and then press button **MODE** briefly;
- *if selecting “Time”*, briefly press button **MODE**, “hours” will flash on the display;
- press button **+** or **-** for setting;
- briefly press button **MODE**, “minutes” will flash on the display;
- press button **+** or **-** for setting;

– if selecting “Mode”: briefly press button **MODE**, “24h” or “12h” mode will flash on the display;

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

After setting, briefly press button **MODE** to go back to the submenu screen or press the button for long to go back to the main menu screen without storing settings.

– Press again button **MODE** for long to go back to the standard screen or to the main menu according to the current menu level displayed.

Set date (Set Date)

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

To correct the date proceed as follows:

– briefly press button **MODE**: “day” will flash on the display;

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

– briefly press button **MODE**: “month” will flash on the display;

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

– briefly press button **MODE**: “year” will flash on the display;

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

Note Every press on button **+** or **–** increases/decreases by 1 unit. Keeping the button pressed obtains automatic fast increase or decrease. When you are near the required setting complete adjustment by single presses.

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

Audio repetition (See radio)

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

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

– audio CD, MP3 CD: track number;

– CD Changer: CD number and track number;

– Tape: operating mode.

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

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

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

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

Automatic door locking with car running (Autoclose)

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

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

- briefly press button **MODE** to go back to the sub-menus;
- briefly press button **MODE**: (On) or (Off) will flash on the display (according to previous setting);
- press button **+** or **–** for setting;
- briefly press button **MODE** to go back to the submenu screen or press the button for long to go back to the main menu screen without storing settings;
- press again button **MODE** for long to go back to the standard screen or to the main menu according to the current menu level displayed.

Set unit (Units)

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

To set the required unit proceed as follows:

- briefly press button **MODE** to display the three sub-menus;
- press button **+** or **–** to surf the three sub-menus;
- select the required sub-menu and then press briefly button **MODE**;
- *if selecting “Distances”*: briefly press button **MODE**, the display will show “km” or “mi” (according to previous setting);
- press button **+** or **–** for setting;
- *if selecting “Consumption”* (where provided): briefly press button **MODE**, the display will show “km/l”, “l/100km” or “mpg” (according to 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;
 - *if selecting “Temperature”*: briefly press button **MODE**, the display will show “°C” or “°F” (according to previous setting);
 - press button **+** or **–** for setting;
- After setting, briefly press button **MODE** to go back to the submenu screen or press the button for long to go back to the main menu screen without storing settings.
- Press again button **MODE** for long to go back to the standard screen or to the main menu according to the current menu level displayed.

Selecting the language (Set Language)

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

To set the required language proceed as follows:

- briefly press button **MODE**: the previously set “language” will flash on the display;
- press button **+** or **–** for setting;
- briefly press button **MODE** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

Adjusting the failure/warning buzzer volume (Buzzer Volume)

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

To set the required the volume, proceed as follows:

- briefly press button **MODE**: the previously set volume “level” will flash on the display;
- press button **+** or **–** for setting;
- briefly press button **MODE** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

Adjusting the button volume (Vol. key)

With this function the volume of the roger-beep accompanying the activation of buttons **MODE**, **+** and **–** can be adjusted according to 8 levels.

To set the required the volume, proceed as follows:

- briefly press button **MODE**: the previously set volume “level” will flash on the display;
- press button **+** or **–** for setting;
- briefly press button **MODE** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

Scheduled Servicing (Service)

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

Proceed as follows:

- briefly press button **MODE**: service in km or mi, according to previous setting, will be displayed (see paragraph “Units”);
- briefly press button **MODE** to go back to the menu screen or press the button for long to go back to the standard screen.

Note The “Service Schedule includes car maintenance every 20,000 km (or 12,000 mi); this is shown automatically, with the ignition key at **MAR**, starting from 2,000 km (or the equivalent value in miles) from this deadline and it is shown again every 200 km (or the equivalent value in miles). Below 200 km servicing indications are displayed more frequently. Service indications will be displayed km or mi according to previous unit setting. When a programmed maintenance interval (coupon) is near to come, turning the ignition key to **MAR**, the display will show the message “Service” followed by the number of km/mi to go before car servicing. Contact a Fiat Dealership to carry out any service operation provided by the “Service schedule” and to reset the display.

Exit Menu

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

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

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

TRIP COMPUTER (where provided)

General features

The “Trip computer” is provided on cars fitted with multifunction display or reconfigurable multifunction display. The “Trip computer” displays information (with ignition key at **MAR**) relating to the operating status of the car. This function comprises the “General trip” concerning the “complete mission” of the car (journey) and “Trip B”, (only available on reconfigurable multifunction display), concerning the partial mission of the car; this latter function (as shown in **fig. 31**) is “contained” within the complete mission.

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

“General Trip” displays the figures relating to:

- Range to empty (where provided)
- Trip distance
- Average consumption (where provided)
- Instant consumption (where provided)
- Average speed
- Trip time (driving time).

“Trip B” (only available on reconfigurable multifunction display), displays the figures relating to:

- Trip distance B
- Average consumption B (where provided)
- Average speed B
- Trip time B (driving time).

Note The “Trip B” function can be excluded (see paragraph “Trip B On/Off”). “Range to empty” cannot be reset.

Values displayed

Range to empty (where provided)

This value shows the distance in km (or mi) that the car can still cover before needing fuel, assuming that driving conditions are kept unvaried. The display will show “----” in the following cases:

- value lower than 50 km (or 30 mi)
- car left parked with engine running for long.

Trip distance

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

Average consumption (where provided)

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

Instant consumption (where provided)

This value shows instant fuel consumption (this value is updated second by second). If parking the car with engine on, the display will show “----”.

Average speed

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

Trip time

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

IMPORTANT Lacking information, Trip computer values are displayed with “----”. When normal operating condition is reset, calculation of different units will restart regularly. Values displayed before the failure will not be reset.

TRIP button fig. 30

Button **TRIP**, set on the top of the right steering column stalk, shall be used (with ignition key at **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.

New mission

New mission starts after:

- “manual” resetting by the user, by pressing the relevant button;
- “automatic” resetting, when the “Trip distance” reaches 3999.9 km or 9999.9 km (according to the type of display) or when the “Trip time” reaches 99.59 (99 hours and 59 minutes);
- after disconnecting/reconnecting the battery.

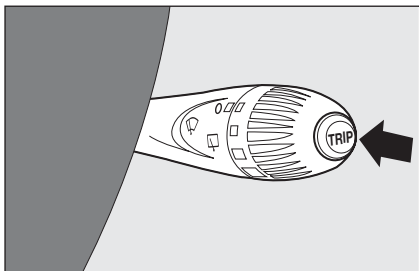


fig. 30

F0G0149m

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

Start of journey procedure

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

Exit Trip

To quit the Trip function: keep button **MODE** pressed for over 2 seconds.

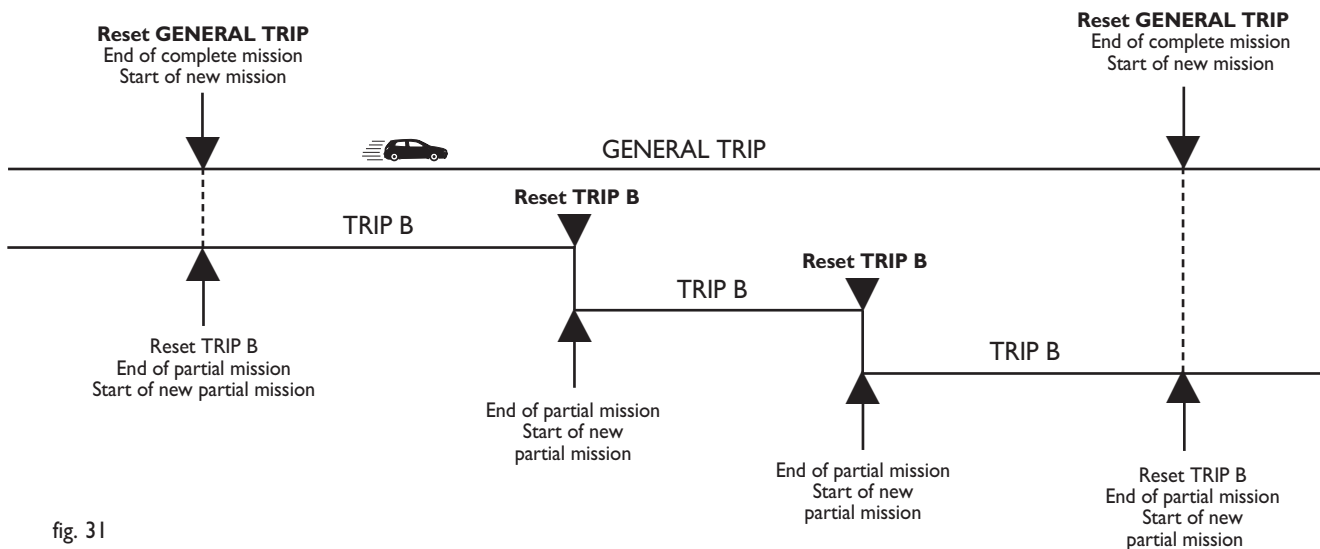


fig. 31

SEATS

FRONT SEATS



WARNING

Only make adjustments when the car is stationary.

Moving the seat backwards or forwards fig. 32

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

Back rest angle adjustment fig. 33

Turn the knob **B**.

Cushion adjustment (where provided) fig. 34

Use lever **D** to raise or lower the back of the cushion in order to obtain the required comfortable driving position.

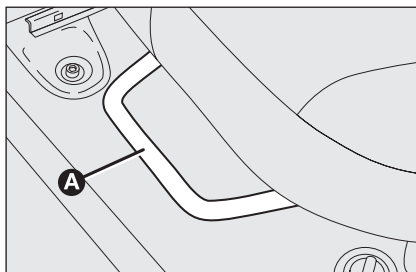


fig. 32

FOG0029m

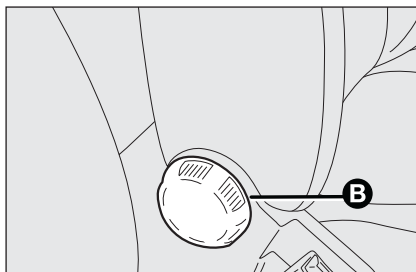


fig. 33

FOG0030m



WARNING

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

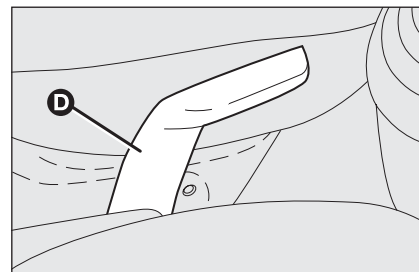


fig. 34

FOG0031m

REAR SEATS

To tilt rear seats refer to paragraph “Extending the boot” in this section.



Upholstery of your car has been designed to withstand wear deriving from common use of the car. You are however recommended to avoid strong and/or continuous scratching with clothing accessories such as metallic buckles, studs, Velcro fastenings and the like, since these items cause circumscribed stress of the cover fabric that could lead to yarn breaking, and damage the cover as a consequence.

HEAD RESTRAINTS

FRONT fig. 37

According to versions front head restraints can be fixed or adjustable in height (where provided); to adjust head restraints proceed as follows.

- To raise: raise the head restraint until hearing the locking click.
- To lower: press button **A** and lower the head restraint.

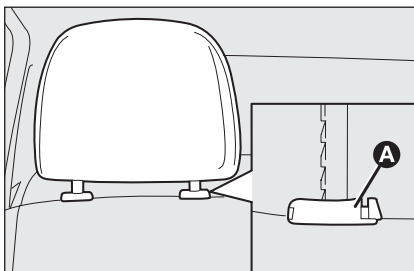


fig. 37

F0G0033m



WARNING

Any adjustment of the head restraints must be carried out only with the car stationary and the engine turned off.



WARNING

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



WARNING

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

REAR fig. 38

According to versions rear head restraints can be fixed (for 5-seat versions) or adjustable. To use adjustable head restraints, raise the head restraint from position **2** “position of non use” to position **1** “completely removed”.

To bring it back to the original position “position of non use”, press button **B** and push the head restraint down.

To take them out, press both buttons **B** and **C**, raise them and then remove.

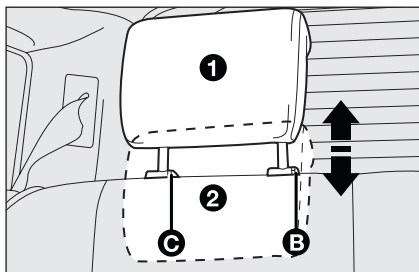


fig. 38

IMPORTANT Rear seat passengers shall always set the head restraints in the “completely removed” position.

The particular head restraint shape voluntarily interferes with the passenger’s back leaning on the rear seat in order to force him/her to lift the head restraint and use it correctly.

STEERING WHEEL

The steering wheel can be adjusted in height (where provided).

Release the lever **A**-fig. 39 pulling it towards the steering wheel, then adjust it in the most suitable position and lock it pushing the lever **A** fully forwards.

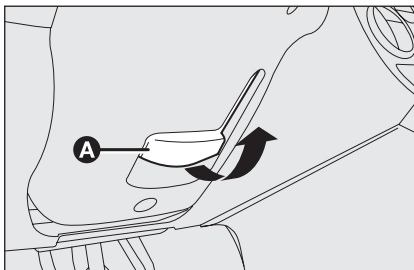


fig. 39

F0G0061m



WARNING

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

REARVIEW MIRRORS

DRIVING MIRROR fig. 40

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

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

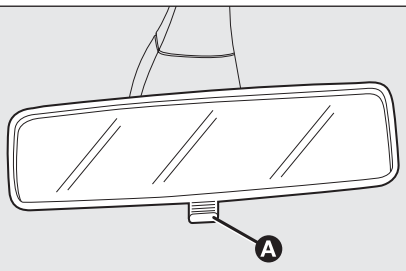


fig. 40

F0G0036m

DOOR MIRRORS

Manual adjustment fig. 41-42

Use lever **A** to adjust mirror **B** from the passenger compartment.

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).

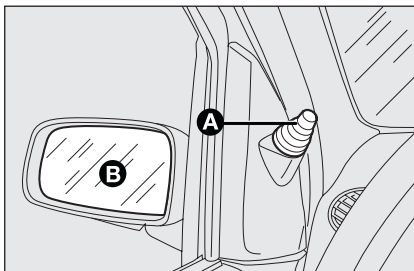


fig. 41

F0G0197m

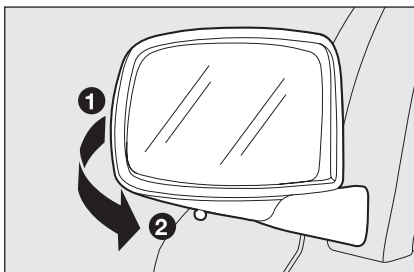


fig. 42

F0G0040m



WARNING

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

On Actual versions, the door mirror shall be adjusted from the outside; to adjust it directly press slightly the four corners of the mirror.

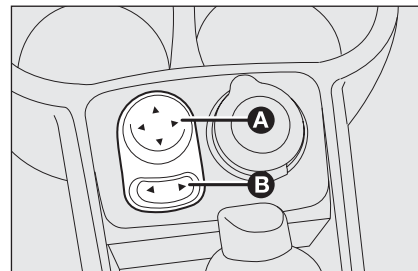


fig. 43

F0G0039m

Electrical adjustment fig. 43

Proceed as follows:

- use switch **B** to select the mirror required;
- to adjust the mirror move the joystick **A** in the four directions.



WARNING

As door mirrors are curved, they may slightly alter the perception of distance.

HEATING AND VENTILATION

1. Vent for defrosting or demisting wind-screen - 2. Centre adjustable and swivel vent - 3. Side adjustable and swivel vent - 4. Fixed side vent to convey air to side windows - 5. Side vents to convey air to front seat passengers' feet - 6. Side vents to convey air to rear seat passengers' feet.

SIDE AND CENTRE ADJUSTABLE VENTS

fig. 44/a - 44/b

A Fixed vent for side windows.

B Side adjustable vents.

C Centre adjustable vents.

To use vents **A** and **B** press them as shown by the arrow and turn them as required (they can be rotated to whatever direction).

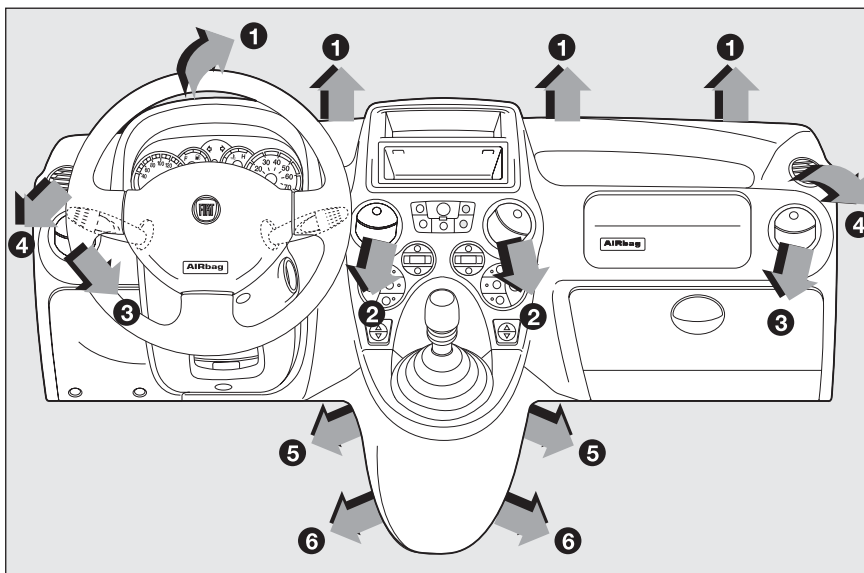


fig. 44

F0G0685m

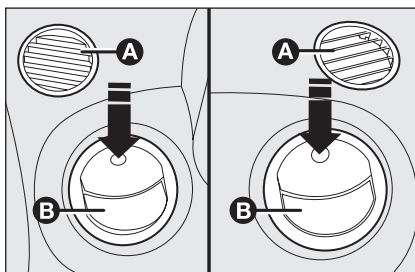


fig. 44/a

F0G0023m

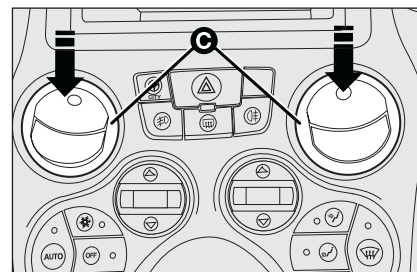


fig. 44/b

F0G0024m

DASHBOARD AND CONTROLS

SAFETY DEVICES

CORRECT USE OF THE CAR

WARNING LIGHTS AND MESSAGES

IN AN EMERGENCY

CAR MAINTENANCE

TECHNICAL SPECIFICATIONS

INDEX

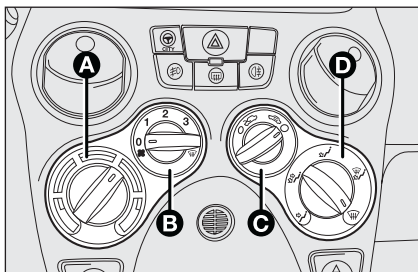


fig. 45

F0G0022m

CONTROLS fig. 45**Air temperature knob A (mixing hot and cold air)**

Red section = hot air

Blue section = cold air

Fan activation /speed adjustment knob B

0 = fan off

1-2-3 = fan speed

= fan top speed

Air recirculation on/off knob C

= outside air intake

= inside air recirculation

This function is particularly useful when the outside air is heavily polluted (in a traffic jam, tunnel etc.). However, it is better

not to use it for long periods, especially if there several people in the car.

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

Air distribution knob D

- to convey air to the centre and side vents;
- to warm the feet and convey cooler air to the dashboard vents;
- to heat with outside harsh temperature: close central and side vents to convey as much air as possible to the feet;
- to warm the feet and at the same time demist the windscreen;
- for quick windscreen demisting.

VENTILATION

To ventilate the passenger's compartment properly proceed as follows:

- central and side vents: completely open;
- knob **A** turned to blue section;
- knob **C** turned to ;
- knob **D** turned to ;
- knob **B** turned to the required speed.




HEATING


Proceed as follows:

- knob **A** turned to red section;
- knob **D** turned to the required symbol;
- knob **B** turned to the required speed.

FAST HEATING

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


- knob **A** turned to red section;
- knob **C** turned to ;
- knob **D** turned to ;
- knob **B** turned to  (top fan speed).



Then use the controls to keep the required comfort conditions and turn knob **C** to .

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

FRONT WINDOW FAST DEMISTING AND/OR DEFROSTING

Proceed as follows:




- knob **A** turned to red section;
- knob **C** turned to .

- knob **D** turned to .
- knob **B** turned to  (top fan speed).


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


Preventive demisting procedure

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

- knob **A** turned to red section;
- knob **C** turned to ;
- knob **D** turned to  with the possibility of passing to position  if the windows do not mist up;
- knob **B** turned to 2nd speed.

REAR WINDOW DEMISTING/DEFROSTING fig. 46

Press button **A** to turn this function on; when this function is on the instrument panel warning light  will turn on.

This function is timed and switches off automatically after about 20 minutes. To cut out this function press again button .

IMPORTANT Do not apply stickers on the inside of the rear window over the heating filaments to avoid damage that might cause it to stop working properly.

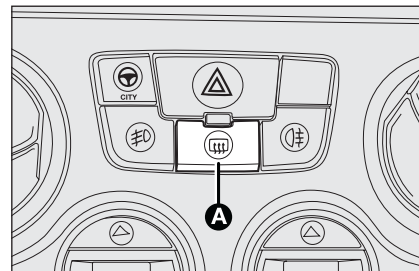


fig. 46

F0G0143m

MANUAL CLIMATE CONTROL SYSTEM (where provided)

CONTROLS fig. 47

Air temperature knob A (mixing hot and cold air)

Red section = hot air

Blue section = cold air

Fan activation and climate control system on/off knob B

0 = fan off

1-2-3 = fan speed

 = top fan speed

Press the knob to turn the climate control system on, the knob led will turn on. Press it again to turn it off, the knob led will turn off.

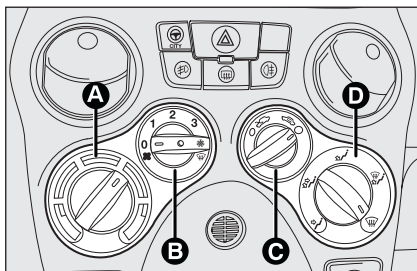


fig. 47

FOG0600m

Air recirculation on/off knob C






 = outside air intake

 = inside air recirculation

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



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

Air distribution knob D

-  air flow from central vents and side outlets;
-  to warm the feet and keep the face cool (“bilevel” function);
-  to speed up passenger compartment warming;
-  to warm the passenger compartment and at the same time demist the windscreen;
-  to demist and defrost the windscreen and front side windows.

VENTILATION

To ventilate the passenger’s compartment properly proceed as follows:

- central and side vents completely open;
- turn knob **A** to the blue section;
- turn knob **C** to .
- turn knob **D** to .
- turn knob **B** to the required speed.




HEATING

Proceed as follows:

- turn knob **A** to the red section;
- turn knob **D** to the required symbol;
- turn knob **B** to the required speed.

FAST HEATING

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




- turn knob **A** to the red section;
- turn knob **C** to ;
- turn knob **D** to ;
- turn knob **B** to  (top fan speed).

Then use the controls to keep the required comfort conditions and turn knob **C** to .

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

WINDSCREEN AND FRONT SIDE WINDOW FAST DEMISTING/DEFROSTING (MAX-DEF function)

Proceed as follows:




- turn knob **A** to the red section;
- turn knob **C** to ;
- turn knob **D** to ;
- turn knob **B** to  (top fan speed).

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

IMPORTANT The climate control system is very useful to speed up demisting since it dehumidifies the air. Set controls to demisting function and switch on the climate control system by pressing button **B**; the knob led will turn on.




Preventive demisting procedure

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


- turn knob **A** to the red section;
- turn knob **C** to ;
- turn knob **D** to  with the possibility of passing to position  if the windows do not mist up;
- turn knob **B** to 2nd speed.

CLIMATE CONTROL (cooling)

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

- turn knob **A** to the blue section;
- turn knob **C** to ;
- turn knob **D** to ;
- press knob **B** to turn the climate control system on; the knob led will turn on;
- turn knob **B** to  (top fan speed).

Cooling adjustment

- turn knob **A** to the right to raise temperature;
- turn knob **C** to ;
- turn knob **B** to reduce the fan speed.

LOOKING AFTER THE SYSTEM

During winter, the climate control system must be turned on at least once a month for about 10 minutes. Before summer, have the system checked at a Fiat Dealership.



The system is filled with R134a refrigerant which will not pollute the environment in the event of leakage. Under no circumstances should R12 fluid be used as it is incompatible with the system components.

AUTOMATIC CLIMATE CONTROL SYSTEM (where provided)

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

- temperature of the air sent to the passenger's compartment;
- fan speed (continuous air flow variation);
- air distribution in the passenger's compartment;
- compressor activation / deactivation (to cool / dehumidify air);
- air recirculation on / off.

The system continuously works to keep constant the comfort inside the passenger compartment and to compensate any variation of the outside climate conditions.

All the above functions can be changed manually by selecting the required function/s and by changing the set parameters. Manual setting does not impair automatic control of the other functions although the **AUTO** button led is off.

Manual selections prevail over automatic ones and remain in storage until the user decides to resume automatic control by pressing button **AUTO** (except when the system cuts in for particular safety conditions).

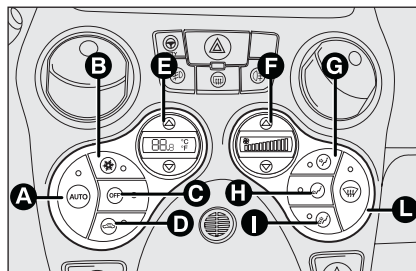


fig. 49

CONTROLS fig 49

Button **AUTO** - A Automatic climate control system function on/off

Pressing the **AUTO** button and setting the required temperature, the system automatically adjusts the temperature, the amount and distribution of the air admitted to the passenger compartment and controls compressor operation.

Button - B Compressor on/off

Pressing the button when the button led is on, will deactivate compressor and turn the button led off.

Pressing the button when the led is off will activate compressor and turn the button led on.

When turning the compressor off:

- the system will deactivate air recirculation to prevent window misting up;
- it is not possible to admit air to the passenger compartment with a temperature below the outside temperature (the displayed temperature value will flash when the system cannot guarantee the required comfort conditions);
- the fan speed can be set to zero manually (with compressor on, the fan speed cannot be lower than one bar on the display).

Button OFF - C Switching the climate control system off

Press button **OFF** to turn the system off.

When turned off the system conditions are the following:

- all leds off;
- temperature display off;
- air recirculation off;
- compressor off;
- fan off.

Under this condition, air recirculation can be turned on or off without activating the system.

IMPORTANT The system will store the settings (except recirculation) performed before turning off and will resume them when pressing any button (if the function corresponding to the button pressed is off it will be turned on; if on it will be kept active). Press **AUTO** to turn the system in automatic mode.

Button T - D Air recirculation on/off

This function is particularly useful when the outside air is heavily polluted (in a traffic jam, tunnel, etc.).

Button led on = recirculation on.

Button led off = recirculation off.

With low temperatures or compressor off, air recirculation is deactivated to prevent window misting up.

IMPORTANT It is inadvisable to use air recirculation on cold days as it would considerably increase the possibility of windows misting up inside.

During **AUTO** operation, due to safety reasons, after long recirculation activation (over 25 minutes) the system will deactivate automatically air recirculation for 1 minute to enable outside air inlet.

Buttons Δ ∇ - E Temperature setting

Pressing button Δ will raise the passenger's compartment temperature up to HI value (maximum heating power).

Pressing button ∇ will lower the passenger's compartment temperature down to LO value (maximum cooling power).

HI function

This functions can be switched on when you wish to heat the passenger compartment as quickly as possible; air distribution and fan speed are controlled by the system.

To turn this function off, set the required temperature.

IMPORTANT If the system fluid is not warm enough, top fan speed will not be activated immediately to prevent air not warm enough from entering the passenger compartment.

LO function



This function can be switched on when you wish to cool the passenger compartment as quickly as possible; with this function switched on the compressor will be turned on (if off) whereas air distribution and fan speed are controlled by the system.

To turn this function off, set the required temperature.

IMPORTANT With the function switched on, however, all the manual settings can be made.

Buttons - F

Fan speed adjustment

Press buttons  or  to increase or to decrease the fan speed; the fan speed is shown by the lit bars on the display.




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

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





Buttons - G H I

Air distribution manual selection

Pressing these buttons it is possible to choose manually one of the five possible air distributions:

-  Air flow to the windscreen and front side window vents to demist or defrost them.
-  Air flow to central and side dashboard vents to ventilate the chest and the face during the hot season.
-  Air flow towards the front and rear lower parts of the passenger compartment. Due to the natural tendency of heat to spread upwards, this type of distribution al-

lows heating of the passenger compartment in the shortest time, also giving a prompt feeling of warmth.

-   Splitting of the air flow between the vents to the lower part of the passenger compartment (warmest air) and the dashboard centre and side outlets (coolest air).
-   Splitting of the air flow between the windscreen and side window demisting/defrosting vents and the lower part of the passenger compartment. This type of air distribution allows satisfactory heating of the passenger compartment while preventing possible misting of the windows.

The type of air distribution selected is shown by lighting up of the relevant led on the selected button.

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

During automatic operation, under particular climate conditions, the system can send air to the windscreen although the relevant led does not turn on.



Button - L

Fast front windows demisting/defrosting

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

- switches on climate control compressor when climatic conditions are suitable;
- air recirculation off;
- maximum air temperature (HI);
- activates proper fan speed according to engine coolant temperature;
- directs air flow to windscreen and front side windows vents;
- turns heated rear window on.

IMPORTANT Fast demisting/defrosting function stays on for about 3 minutes, since engine coolant temperature exceeds 50 °C (petrol versions) or 35 °C (Diesel versions).




When the demisting/defrosting function is on, the button led  and the heated rear window button led  are on, whereas the **AUTO** button led will turn off; when this function is on, the only operations possible are fan speed adjustment and heated rear window switching off.

To turn the function off, press again button - or press button **AUTO**.

SWITCHING THE CLIMATE CONTROL SYSTEM ON

The system can be turned on in different ways, it is however advisable to set the required temperature and then to press the **AUTO** button. In this way the system starts to work fully automatically to reach the required comfort conditions as soon as possible.

During automatic operation it is possible:

- to select the required temperature (buttons $\nabla \Delta$ - **E**);
- to activate or to deactivate air recirculation (button  - **D**);
- to activate fast window demisting/defrosting (button  - **L**);
- to select air distribution (buttons  - **G H I**);
- to select fan speed (buttons $\Delta \nabla$ - **F**).

The system will automatically modify its settings according to set changes and the button led will turn off. To restore automatic operation press again button **AUTO**.

LOOKING AFTER THE SYSTEM

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

Before summer, have the system checked at a Fiat Dealership.



The system is filled with R134a refrigerant which will not pollute the environment in the event of leakage.

Under no circumstances should R12 fluid be used as it is incompatible with the system components.

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 at **MAR**.


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

LIGHTS SWITCHED OFF fig. 51

Knurled ring turned to symbol **O**.


SIDELIGHTS fig. 51

Turn the knurled ring to .


The warning light  on the instrument cluster will come on at the same time.

DIPPED BEAM HEADLIGHTS fig. 51

Turn the knurled ring to .

The warning light  on the instrument cluster will come on at the same time.

MAIN BEAM HEADLIGHTS fig. 51

When the knurled ring is at , push the lever towards the dashboard (stable position).

The warning light  on the instrument cluster will come on at the same time.

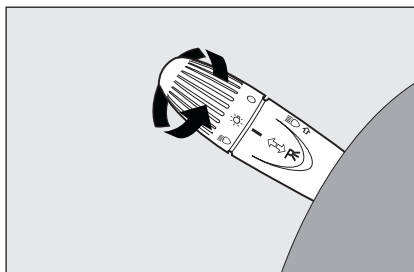



fig. 51

F0G0122m



Pulling the lever towards the steering wheel again, the main beams are turned off and the dipped beams on.


FLASHING THE HEADLIGHTS fig. 51

Pull the lever towards the steering wheel (unstable position).

The warning light  on the instrument cluster will come on.

PARKING LIGHTS fig. 51/a

With the ignition key at **STOP** or removed, turn lever to position . The instrument panel warning light  will come on together with side/taillights and number plate light.

Move the lever upwards **1** to turn the right-hand sidelights on only; move it downwards **2** to turn the left-hand ones on. In both cases, warning light  will not turn on.

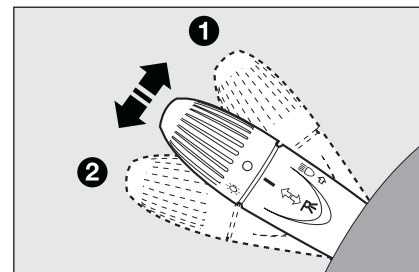




fig. 51/a

F0G0126m

DIRECTION INDICATORS fig. 51/a

Up (position **1**) = right-hand direction indicator.

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

Warning light  or  will come on flashing on the instrument cluster.

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

If you want the indicator to flash briefly to show that you are about to change lane, move the stalk up or down without clicking into position (unstable position). When released, the stalk will return to its home position.


“FOLLOW ME HOME” DEVICE

This function allows the illumination of the space in front of the car.

Activation

With the ignition key at **STOP** or removed, pull the left-hand stalk towards the steering wheel and operate it within 2 minutes from when the engine is turned off.

At each single 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 lever is operated, the warning light  on the instrument cluster will come on and the display will show the time of activation.

The warning light comes on the first time the lever is operated and will stay on up to automatic function deactivation. Each operation of the lever will extend lights switching on time.

Deactivation

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

WINDOW WASHING

The right stalk **fig. 52** controls windscreen wiper/washer and heated rear window wiper/washer operation.

WINDSCREEN WASHER/WIPER

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

The stalk can be moved to five different positions (4 speed levels):

- A** windscreen wiper off.
- B** intermittent.
- C** continuous slow.
- D** continuous fast.
- E** fast temporary (unstable position).

Fast temporary operation is limited to the time the lever is held in this position. When the lever is released it returns to position **A** automatically stopping the wiper.

Windscreen wiper slowing down according to car speed (where provided)

On certain versions, when decelerating until stopping the car will make the windscreen wiper to slow down automatically. Speed will be resumed automatically when the car speed exceeds 10 km/h. The windscreen speed can be changed manually at any moment.

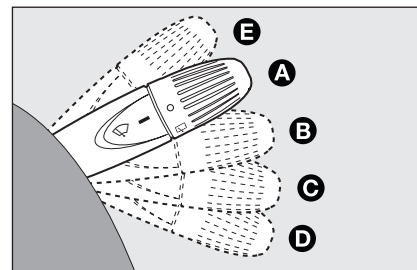


fig. 52

F0G0127m

“Smart washing” function

Pulling the stalk towards the steering wheel (unstable position) operates the windscreen washer.


Keeping the stalk pulled, with just one movement, it is possible to operate the washer jet and the wiper at the same time; indeed, the latter comes into action automatically if the stalk is pulled for more than half a second. The wiper stops working a few strokes after releasing the stalk; a further “cleaning stroke”, after a few seconds, completes the wiping operation.



Never use the window wiper to remove ice or snow from the windscreen. In these conditions, the wiper is submitted to excessive effort that results in motor protection cutting in and wiper operation inhibition for few seconds as a consequence. If operation is not restored contact Fiat Dealership.

REAR WINDOW WASHER/ WIPER

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

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

With windscreen wiper on, turning the knurled ring to ' will turn on the rear window wiper, that in this case will work (in the different positions) with timing with the windscreen wiper, but at half speed.

With windscreen wiper on, engaging reverse gear will automatically turn the rear window wiper on, in continuous slow wiping mode.

The rear window wiper will stop when disengaging reverse.

“Smart washing” function

Pushing the stalk towards the dashboard (unstable position) operates the rear window wiper.

Keeping the stalk pushed, with just one movement it is possible to operate the washer jet and the wiper at the same time; indeed, the latter comes into action automatically if the stalk is pulled for more than half a second.

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



Never use the rear window wiper to remove ice or snow from the rear window. In these conditions, the wiper is submitted to excessive effort that results in motor protection cutting in and wiper operation inhibition for few seconds as a consequence. If operation is not restored contact Fiat Dealership.

CEILING LIGHT

FRONT CEILING LIGHT fig. 53

The transparent **A** can have three positions:

- side **1** pressed: light always on
- side **2** pressed: light always off
- central position (neutral): the light turns on and off automatically when the door is opened or closed.

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

For “Active” versions, automatic switching on/off takes place only after opening or closing the driver’s door.

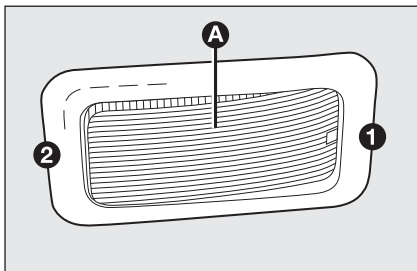


fig. 53

F0G0032m

Ceiling light timing (transparent central position)

Three different switching on modes are provided:

- when opening a door three-minute timing will start and it will be repeated each time a door is opened;
- approx. 10-second timing will start when removing the ignition key within two minutes from turning the engine off;
- approx. 10-second timing will start when opening the doors (by both remote control or key into driver's door lock).

Two switching off modes are provided:

- when closing all doors, the 3-minute timing will go off and a 10-second one will start. This timing will go off when turning the key to **MAR**;
- when locking the doors (by both remote control or key into driver's door lock), the ceiling light goes off.

On Emotion and Dynamic versions, ceiling light will switch on and off gradually; the ceiling light will switch off automatically 15 minutes after turning the engine off.

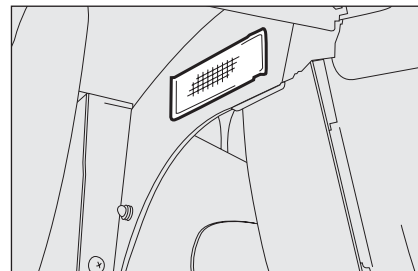


fig. 54

F0G0230m

BOOT LIGHT fig. 54

For versions fitted with boot light, the bulb comes on automatically when opening the tailgate and it will go off at closing.

CONTROLS

DUALDRIVE ELECTRIC POWER STEERING SYSTEM

(where provided) fig. 55

Press button **A** to turn the “CITY” function on (see paragraph “electric power steering”). When this function is on, the wording CITY on the instrument panel will turn on. Press the button again to turn the function off.

HAZARD LIGHTS fig. 55

To turn these lights on, press button **B** regardless of the position of the ignition key.

When the device is on, the switch is flashing and warning lights \leftarrow and \rightarrow on the cluster come on.

Press again button **B** to turn the lights off.

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

FOGLIGHTS

(where provided) fig. 55

Press button **C**, to activate these lights it is necessary to have the side/taillights switched on.

With the foglights on, warning light 5 on the instrument panel comes on.

Press the button again to turn these lights off.

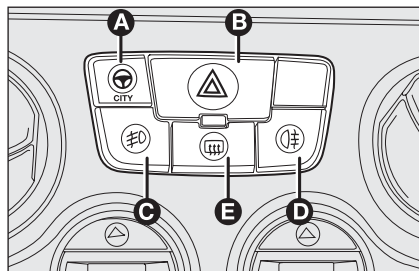


fig. 55

FOG0020m

REAR FOGLIGHTS fig. 55

Press button **D**, to activate these lights it is necessary to have the dipped beam headlights or the front fog lights switched on.

With the lights on, warning light 4 on the instrument panel comes on. Press the button again to turn the lights off.

HEATED REAR WINDOW fig. 55

Operate control **E** to turn on this function.

With the heated rear window on, warning light 6 on the instrument panel comes on. Press the button again to turn the heated rear window off.

This function will turn off automatically after about 20 minutes.

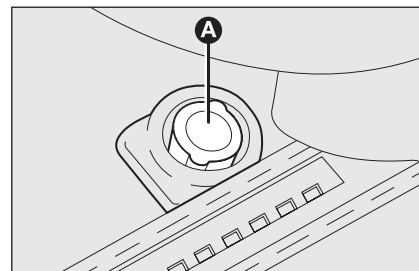


fig. 56

FOG0028m

FUEL CUT-OFF SWITCH fig. 56

It is under the driver's seat and comes into operation in the case of a crash:

- cutting off fuel and switching off the engine;
- automatically unlocking the doors;
- switching on interior lights (for about 15 minutes).

When the device comes into operation the message “FPS on” is lit on the display.

For the reconfigurable multifunction display, message “Inertial switch intervened - See Handbook” will be displayed.

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

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

After a crash, remember to turn the ignition key to **STOP** to prevent battery run-down.



WARNING

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



WARNING

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

INTERIOR FITTINGS

CIGAR LIGHTER AND ASHTRAY (where provided) fig. 57

Press button **A**; after approximately 15 seconds the cigar lighter will return to its initial position and is ready for use.

IMPORTANT Always check that the cigar lighter has turned off.

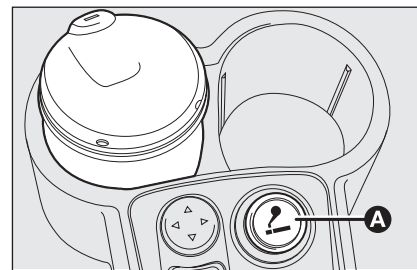


fig. 57

F0G0223m

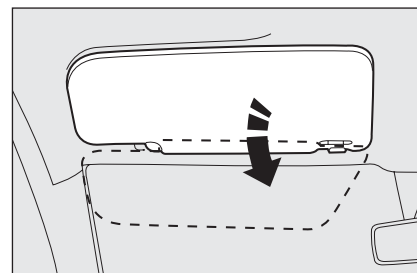


fig. 58

F0G0069m

The ashtray can be removed and can be placed into the glass holder to be used also by rear passengers.

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

SUN VISORS fig. 58

They are located at the sides of the driving mirror.

They can be adjusted forwards and sideways.

A courtesy mirror is applied to the back of the passenger's side sun visor, while a pocket is applied to the back of the driver's side sun visor. On certain versions the courtesy mirror is fitted also on the driver's sun visor.

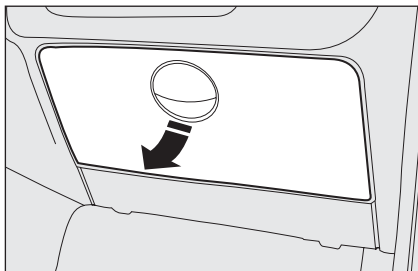


fig. 59

FOG0035m

GLOVEBOX ON PASSENGER'S SIDE DASHBOARD fig. 59

Open the glovebox as indicated by the arrow.

On the dashboard, above the glovebox, there is an oddment compartment for small objects.

On certain versions, the glovebox has been replaced with an open oddment compartment.



WARNING

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

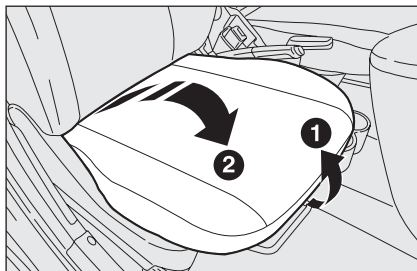


fig. 60

FOG0273m

ODDMENT COMPARTMENT UNDER THE SEAT (where provided) fig. 60

On Emotion versions, under the passenger's seat there is an oddment compartment (if there is not the HI-FI system sub-woofer).

To use it, raise the front side of the seat cushion **1** to release it, then raise the back of the cushion **2** (on the back rest side).

To close the oddment compartment, lower and fit the back of the cushion under the back rest without forcing, then press the front side of the cushion until locking it into place.

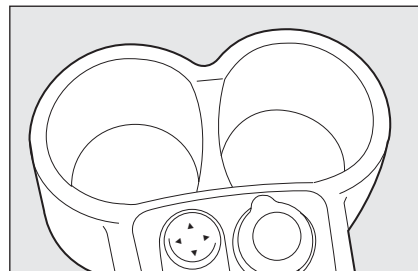


fig. 61

FOG0038m

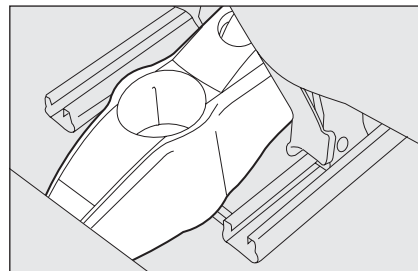


fig. 62

FOG0065m

GLASS HOLDER

The central console houses two recesses **fig. 61** for glasses, cups or cans.

At the back there is a third recess **fig. 62** to house a glass.

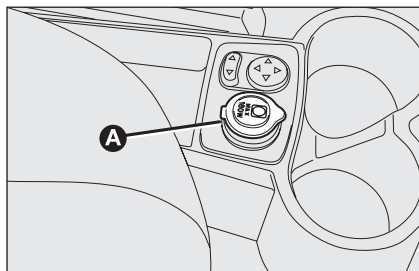


fig. 63

F0G0130m

CURRENT SOCKET (where provided) fig. 63

It is set on the central console and it is power supplied with the ignition key at **MAR**.

Open the protection lid **A** to use the socket.

Correct operation is ensured only if the accessories connected to it are fitted with a standard plug, present on all Lineaccessori Fiat items.

IMPORTANT With the engine off and the ignition key in the **MAR** position, the prolonged use (e.g. for over 1 hour) of accessories that absorb a great deal of current may reduce the battery efficiency and therefore cause misfiring.



Only accessories with power not over 180W (maximum absorption 15A) can be connected to the socket.

POWER SUNROOF (SKY-DOME)

Upon request, the car can be fitted with a power sunroof consisting of two glass panes **fig. 64** and sun curtains **fig. 65**:

- A** front mobile pane;
- B** rear fixed pane;
- D** sun curtains (two), to open: make sun curtain slide as shown by the arrow.

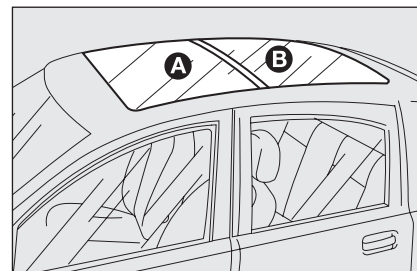


fig. 64

F0G0198m

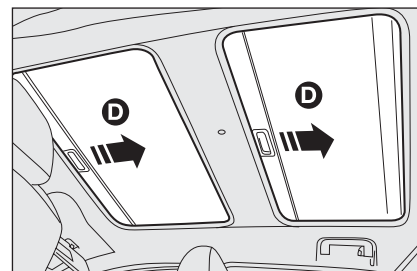


fig. 65

F0G0199m

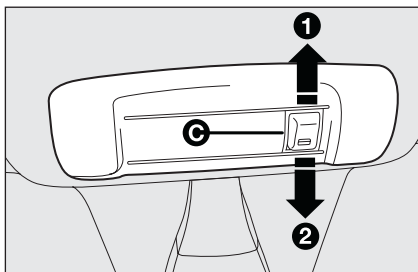


fig. 66

F0G0019m

OPENING/CLOSING fig. 66

Opening and closing are only possible with the key at **MAR**.



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

Press button **C** to open:

- press the upper part **1** to close;
- press the lower part **2** to open. Sunroof opening takes place in two steps, first push on the button will open the sunroof partially, a second long push on the button will open the sunroof fully; at this step if you release the button, the roof will lock in the position it is in at the moment.

Open and close the sunroof only when the car is stationary.

IMPORTANT In order to prevent possible noise, after closing the sunroof, you are suggested to keep the sunroof closing button **C** pressed for over 2 seconds.



WARNING

Improper use of the sunroof can be dangerous. Before and during its operation ensure that any passengers are not at risk from the moving roof either by personal objects getting caught in the mechanism or by being injured by it directly.



WARNING

Always remove the ignition key when you get out of the car to prevent the sunroof being operated accidentally and constituting a danger to the people left in the car.

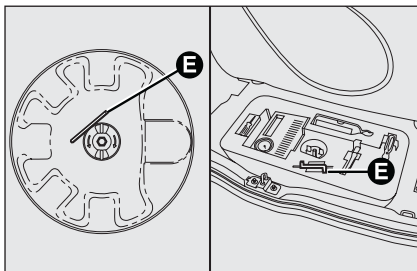


fig. 67

FOG0201m

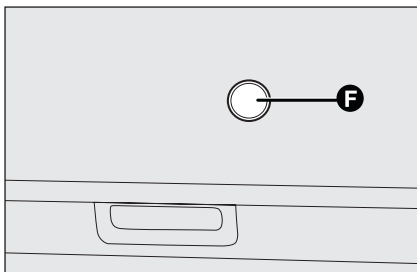


fig. 68

FOG0200m

If there is a fault in the electrical device fig. 67 and 68

Take the key **E** in the tool box (in the boot) and manually open/close the sunroof fitting the key into the motor seat. To reach the seat, remove the pressure-fit cover **F** located on the central roof cross member (dividing the sunroof mobile section from the fixed one).


DOORS

LOCKING/UNLOCKING FROM THE OUTSIDE fig. 69

To unlock

Turn the key to **1** and lift the handle.

With central door locking system (where provided), when the key is turned all doors are unlocked at the same time.

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

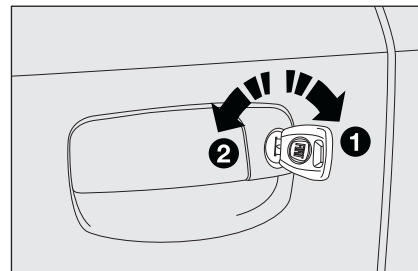



fig. 69

FOG0686m

To lock

Turn the key to **2** with the door shut properly.

With central door locking system (where provided), all doors must be shut properly.

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

If one of the doors is not shut properly, the central door locking system will fail.

IMPORTANT If one of the front doors is open or the system is failing, central locking will not activate and after 6 attempts in rapid sequence the device will be excluded for about 60 seconds.



WARNING

Before opening a door, make sure this can be done in safety.



WARNING

Open the doors only when the car is stationary.

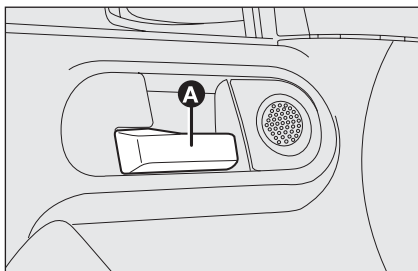


fig. 70

F0G0062m

LOCKING/UNLOCKING FROM THE PASSENGER'S COMPARTMENT fig. 70

To unlock

Pull lever **A**.

With central door locking system, operating the driver's door lever **A** will unlock all the doors. Lever **A** of the other doors will only open the corresponding door.

To lock

Push lever **A** towards the door. Operating the driver's door lever **A** will lock all the doors. On the other doors the lever will only lock the corresponding door.

With mechanical lock (i.e.: without centralised system), to lock a door you shall operate the corresponding door lever; only for rear doors locking can be engaged also with the door open.

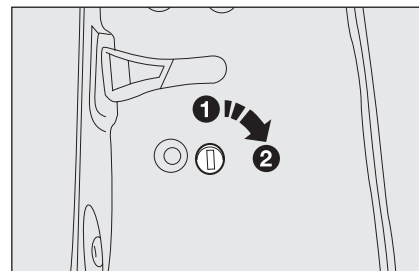


fig. 71

F0G0063m

CHILD LOCK fig. 71

To prevent opening the rear doors from the inside.

This device can be engaged only with rear doors open:

- position **1** - disengaged (door can be opened from the passenger's compartment);
- position **2** - engaged (door cannot be opened from the passenger's compartment).

The device will be engaged even if the doors are unlocked electrically.

IMPORTANT Always use the device when transporting children.

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

POWER WINDOWS/WINDOW WINDERS

FRONT POWER WINDOWS (where provided) fig. 72

They work with the ignition key at **MAR** and for two minutes after removing or turning the key to **STOP**.

The two buttons are at the side of the gearshift lever (one on each side) and control:

- A** Opening/closing the left-hand door window.
- B** Opening/closing the right-hand door window.

Keep the driver's door button pressed for a few seconds to open or close the window automatically (only with key at **MAR**).

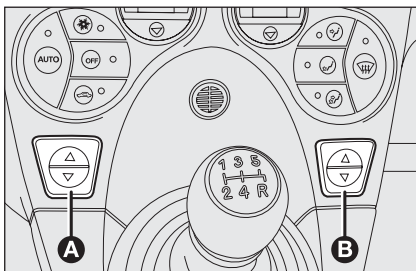


fig. 72

F0G0025m



WARNING

Always remove the ignition key when you get out of the car to prevent the electric windows being operated accidentally and constituting a danger to the people left in the car.

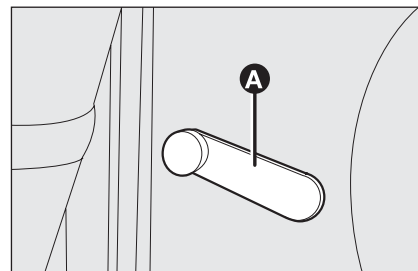


fig. 73

F0G0064m

WINDOW WINDERS fig. 73

Window winders are fitted on the rear doors of all versions. On certain versions window winders are fitted also on front doors.

Use handle **A** to open/close the windows.



WARNING

Improper use of the electric windows can be dangerous. Before and during their operation ensure that any passengers are not at risk from the moving glass either by personal objects getting caught in the mechanism or by being injured by it directly.

BOOT

OPENING THE TAILGATE

With key without remote control fig. 74

Unlock the lock using the metal insert of the ignition key **A**.

The opening of the boot is made easier by the gas-filled struts on each side.

Opening the tailgate will switch the boot light on: the light will go off automatically when closing the tailgate.

The light will stay on for about 15 minutes after turning the key to **STOP**: if during this time, a door or the tailgate is opened, the light will switch on again for 15 minutes.

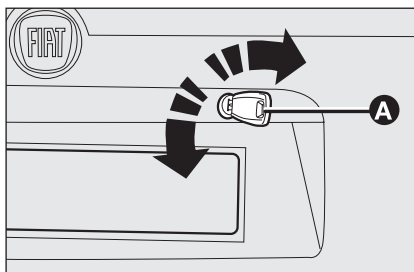


fig. 74

F0G0687m

With key with remote control (where provided)

Press button .

Tailgate opening is indicated by a double flashing of the direction indicators.

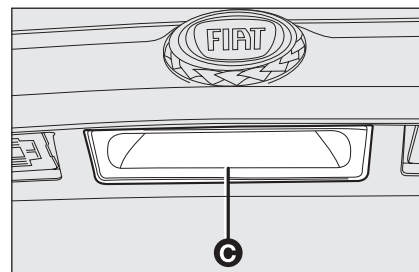


fig. 75


F0G0688m

Soft touch handle (powered handle) (where provided) fig. 75

On certain versions, the tailgate (when unlocked) can only be opened from outside the car using the powered handle **C** located beneath the shackle.

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

To open it, one of the front doors shall be opened or doors shall be unlocked using the remote control or the key without remote control.

If the boot is not shut properly the instrument panel warning light  (if any) will come on.

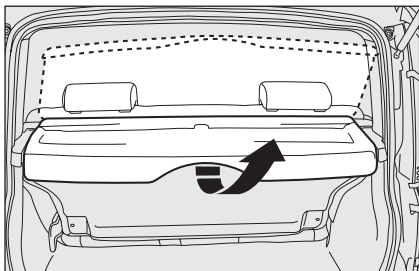


fig. 76

F0G0237m

RAISING THE REAR PARCEL SHELF fig. 76

To stow luggage friendly you can raise the rear parcel shelf until hearing the locking click. Push it down to refit it.

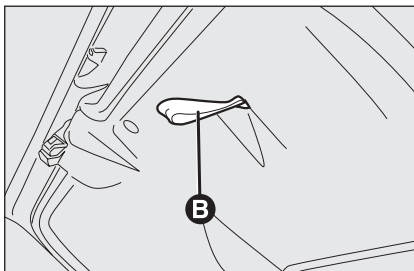


fig. 77

F0G0689m

CLOSING THE TAILGATE fig. 77

To close, lower the tailgate until the lock clicks.

On the tailgate inner side there are a recess **B** that make it easier to hold and close the tailgate.



WARNING

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



WARNING

Do not travel with the tailgate open: exhaust gases may get into the passenger's compartment.



WARNING

When travelling in areas where it is difficult to find a filling station and you wish to carry a reserve fuel can, attain to the relevant law and use only certified cans, well fastened to the load anchoring hooks. Even in this way the risk of fire is increased in the case of an accident.



WARNING

Open the tailgate with care when carrying objects on the roof rack bars to prevent impacts.

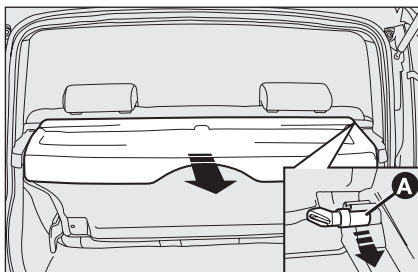


fig. 78

F0G0131m

EXTENDING THE BOOT (versions with rear fixed seat) fig. 78

Proceed as follows:

1) Remove the rear parcel shelf and fit it behind the back rests. To remove the rear parcel shelf, release catches **A** (one per side) and pull the rear parcel shelf outwards.

2) Operate the levers on the seat back outer side and tilt the seat back forwards putting aside the seat belts.

For central seat belts with three anchor point see paragraph "Use of the central seat belt" in section "Safety devices".

To restore the use of the rear seat: lift the seat back and push it backwards until you hear the locking click and make sure the seat belts are at the front of the seat back.

The car can be fitted, as optional, with separate rear seats.

The boot extension possibilities offered by the split seat are many and they should be chosen according to the number of passengers and the amount of luggage to be carried:

- total extension with right and left side of the seat tilted as described above;
- partial extension with left or right side of the seat tilted and place only for No. 1 rear passenger.

IMPORTANT If in the boot there is a rather heavy load and you are travelling at night, check and adjust aiming of the main beam headlights (see "Headlights" in this section).



WARNING

A heavy load that has not been secured may cause serious harm.

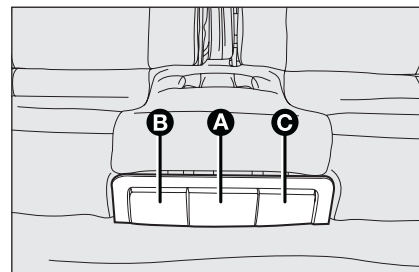


fig. 79

F0G0257m

EXTENDING THE BOOT (versions with rear sliding seat) fig. 79 and 80

Partial extension

Use lever **A** (in the passenger's compartment) or the central tab **D** in the boot to move the seat forward.

Total extension

Remove the rear parcel shelf as previously described (see versions with rear fixed seat).

Use lever **A** or central tab **D** in the boot to move the seat to the required position (e.g.: fully forward for total boot extension);

Lift lever **B** or **C** or pull side tabs **E** or **F** in the boot to release the seat back rest section to tilt; both if you want to tilt the whole back rest.

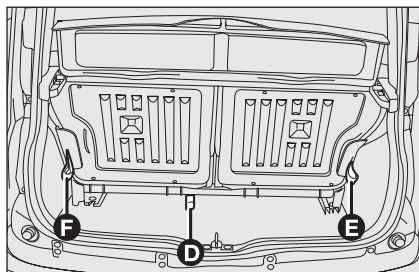


fig. 80

F0G0258m

Restoring the seat position

To restore the use of the rear seat: lift the seat back and push it backwards until you hear the locking click and make sure the seat belts are at the front of the seat back.



WARNING

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

BONNET

To open the bonnet fig. 81-82-83

Pull the red lever (under the dashboard) as shown in the figure.

Lift lever **A**.

Open the bonnet and at the same time release the rod **B** from its clip **C**.

Insert the end of rod in its recess **D** on the bonnet and leave it in safety position.



WARNING

The bonnet might fall violently if the support rod is not positioned properly. This should only be done when the car is stationary.

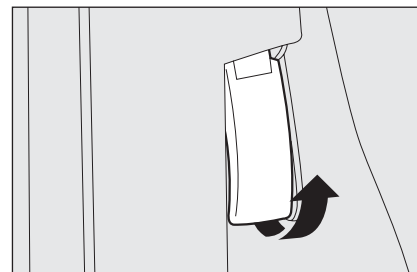


fig. 81

F0G0202m

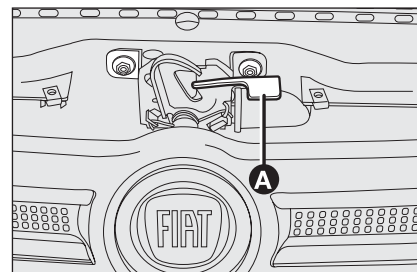


fig. 82

F0G0690m

**WARNING**

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

**WARNING**

If checks are needed in the engine compartment, when it is still hot, proceed with the utmost care to avoid burns. Do not approach the fan: it might start working also with the ignition key removed. Wait for the engine cool down.

**WARNING**

Scarves, ties and other loose articles of clothing could easily get caught up in moving parts. This can be extremely dangerous.

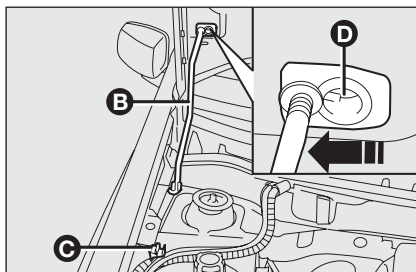


fig. 83

F0G0075m

**WARNING**

For safety reasons the bonnet must be closed properly to avoid its opening while the car is travelling. Therefore, always check it is properly closed and the catch engaged. Should you notice that the catch is not perfectly engaged when travelling, stop the car immediately and close the bonnet.

To close the bonnet fig. 83

Hold the bonnet up with one hand and, with the other, remove rod **B** from recess **D** and replace it in its clip **C**;

Lower the bonnet until it is about 20 cm above the engine compartment, then let it fall and make sure it is properly locked and not just secured in safety position. In this case do not press the bonnet but raise it again and repeat the operation.

ROOF RACK/ SKI RACK

FASTENERS fig. 84

The roof rack fastener seats **A** are shown in the figure.

To secure the roof rack, remove plugs **B** (two per side).

A roof rack/ski rack especially designed for Fiat Panda is available from Lineaccessori Fiat.

On some versions, bars carrying all objects can be provided as an optional.

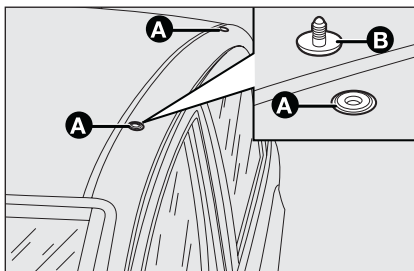


fig. 84

FOG00203m



WARNING

After travelling a few kilometres, check that the attachment fastening screws are tight.



Never exceed the permitted weight (see section "Technical specifications").

HEADLIGHTS

ADJUSTING THE HEADLIGHT BEAM

The correct positioning of the headlight beams is very important for the comfort and safety not only of the person driving the car but also all other road users. This also covered by a specific law.

To ensure you and other drivers have the best visibility conditions when travelling with the headlights on, the headlights must be set properly.

Have the headlight positioning checked at a Fiat Dealership and adjusted if necessary.

Check the positioning of the headlight beams whenever the weight or the load position is changed.

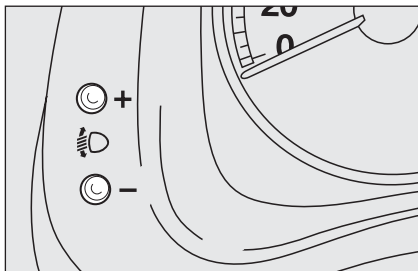


fig. 85

F0G0141m

SLANT COMPENSATION fig. 85

The car is fitted with an electrical device for correcting the headlight slant. The device can be operated with the ignition key at **MAR** and the dipped beam headlights are on.

When the car is loaded, it slopes backwards. This means the headlight beam rises.

In this case, it is necessary to return it to the correct position using buttons **+** and **-**.

The display shows the positions during the adjustment.

Correct positions according to the load

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

Position **1** - four passengers.

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

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

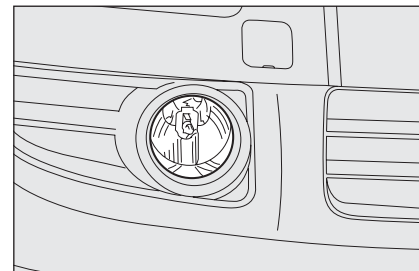


fig. 86

F0G0076m

ADJUSTING THE FRONT FOGLIGHTS (where provided) fig. 86

Have the headlight positioning checked at a Fiat Dealership and adjusted if necessary.

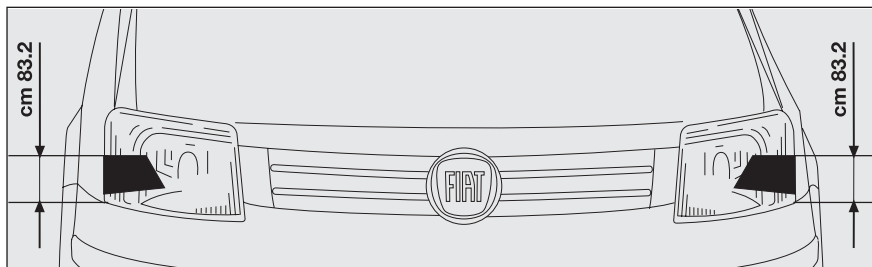


fig. 87

HEADLIGHT BEAM ADJUSTMENT ABROAD fig. 87

Headlights are orientated as to drive inside the country of origin before selling the car. When travelling in countries with opposite driving direction, you need to cover the headlight areas according to the Road Code of the country you are travelling in.

This is done using non-transparent sticker tape as shown in the figure. The figure refers to passing from left-hand drive to right-hand drive.

ABS SYSTEM (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 difficulty road conditions.

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

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

ABS INTERVENTION

When the ABS cuts in, you will feel the brake pedal pulsating slightly and the system get noisier: it means that the speed should be altered to fit the type of road surface.



WARNING

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



WARNING

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



WARNING

The ABS exploits the road hold available as much as possible but cannot increase it. You should always drive carefully on slippery surfaces and avoid any unnecessary risks.

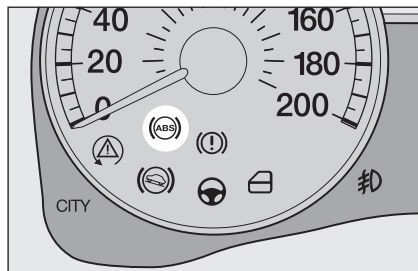


fig. 88

F0G0158m

FAILURE WARNINGS

ABS failure fig. 88

If warning light (ABS) lights up on the instrument panel, together with the message on the reconfigurable multifunction display (where provided), see section “Warning lights and messages”.

In this case the braking system will still be effective, although without the anti-lock device. Drive carefully to the nearest Fiat Dealership to have the system checked.

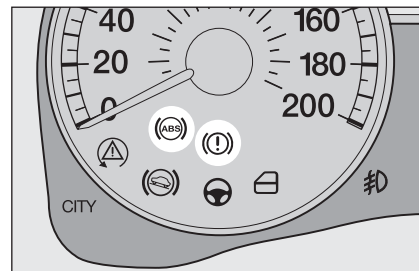


fig. 89

F0G0159m

EBD failure fig. 89

It is indicated by the turning on of warning lights (ABS) and (!) on the instrument panel, together with the message on the reconfigurable multifunction display (where provided), see section “Warning lights and messages”.

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



WARNING

If only the warning light (⚠) turns on together with the message on the reconfigurable multi-function display (where provided), stop the car immediately and contact the nearest Fiat Dealership. Fluid leaks from the hydraulic system, in fact, can compromise the braking system, both traditional systems and systems with ABS.

ESP SYSTEM (Electronic Stability Program) (where provided)

GENERAL INFORMATION

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 changes.

In addition to the ESP system, ASR system (antilip regulation system) and HILL HOLDER, also the MSR system (adjusting the engine braking torque) and the HBA system (improving the braking force during emergency braking) are provided.

ESP INTERVENTION

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

ESP system activation

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

Failure indications

In the event of failure, the ESP system is automatically disconnected, the warning light (⚠) comes on with fixed light on the instrument panel, together with the message on the reconfigurable multifunction display (where provided) and with the button led ASR OFF (see section “Warning lights and messages”). In this case contact a Fiat Dealership as soon as possible.



WARNING

Performance of the ESP system, in terms of active safety should not induce the driver to take pointless and unnecessary risks. The style of driving must in any case always be adapted to the conditions of the road surface, visibility an traffic. Road safety is always the driver's responsibility.

HILL HOLDER SYSTEM (where provided)


This system is an integral part of the ESP system and it is provided to facilitate starting on slopes. It will activate automatically with the following conditions:

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

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

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

FAILURE INDICATIONS

System failure is indicated by the turning on of warning light  on the instrument panel, together with the message on the reconfigurable multifunction display (where provided), see section “Warning lights and messages”.

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



WARNING

During the use of the space-saver spare wheel, the ESP system carries on working. However, you must remind that the space-saver spare wheel has dimensions smaller than the standard tyre and therefore its grip is reduced as to the other car tyres.



WARNING

For correct operation of the ESP system, 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)

The ASR function controls car drive and cuts in automatically every time one or both driving wheels slip.

In slipping conditions, two different control systems are activated:

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

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

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

MSR system (engine braking torque control)

It is an integral part of the ASR system that in case of sudden gear shifting, 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.

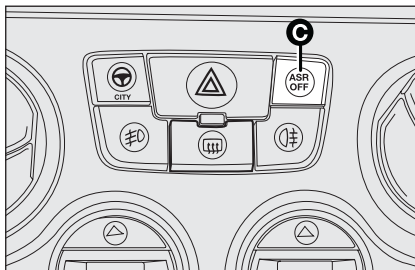


fig. 90

FIG0267m

Switching the ASR system on/off fig. 90

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

When travelling ASR can be switched off and on again pressing button **C** ASR OFF.

System activation is indicated by the relevant message on the reconfigurable multifunction display (where provided).

When the ASR is switched off this is shown by the lighting up of the led on the button ASR OFF and by relevant message on the reconfigurable multifunction display (where provided). If the ASR is switched off when travelling, it will turn on again automatically the next time the engine is started.


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



WARNING

The performance of the system, in terms of active safety, should not induce the driver to take pointless and unnecessary risks. The style of driving must in any case always be adapted to the conditions of the road surface, visibility and traffic. Road safety is always the driver's responsibility.

EOBD SYSTEM (petrol versions)

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  **fig. 91** on the instrument panel together with relevant message on the reconfigurable multifunction display (where provided), when these conditions are no longer in peak conditions (see section “Warning lights and messages”).

The objective is:

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

The system 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 performed by traffic controller agents.

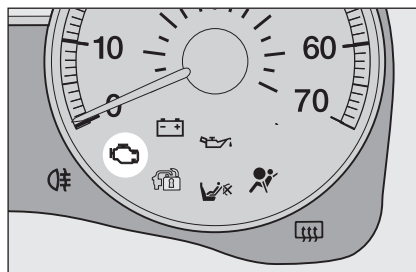




fig. 91

FOG0161m

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



If turning the ignition key to MAR, the warning light  does not turn on or if, while travelling it turns on glowing steadily or flashing (together with the message on the reconfigurable multifunction display (where provided), contact Fiat Dealership as soon as possible. Warning light  operation can be checked by means of special equipment by traffic agents. Always comply with the traffic regulations in force in the country where you are travelling.

“DUALDRIVE” ELECTRIC POWER STEERING SYSTEM (where provided)

Certain versions feature a new electricaly controlled power steering system called “Dualdrive” working only with ignition key at **MAR** and engine running, that can be customised by the driver according to the driving conditions.

IMPORTANT When turning quickly the ignition key, power steering full operation is obtained after 1-2 seconds.

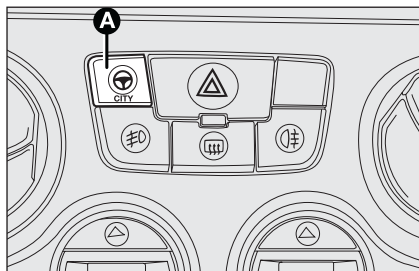


fig. 92

F0G0145m

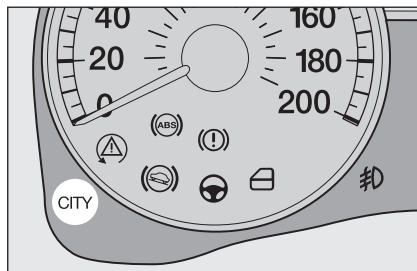


fig. 93

F0G0162m

ACTIVATION/DEACTIVATION CITY FUNCTION fig. 92 and 93

To connect/disconnect the CITY function, press button **A**.

Connection of this function is signalled by **CITY** warning light coming on.

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

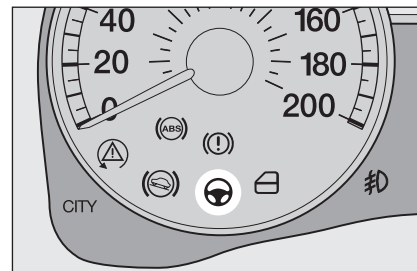


fig. 94


F0G0163m




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 fig. 94

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

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

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

We suggest to stop immediately the car, turn off the engine for about 20 seconds and then re-start the car. If the warning light  stays on together with the message on the reconfigurable multifunction display (where provided), contact Fiat Dealership.

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



WARNING

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

PARKING SENSORS (where provided)

Parking sensors are located in the rear bumper **fig. 95** and their function is to inform the driver, through an intermittent buzzer, about the presence of obstacles behind the car.

ACTIVATION

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

The sound produced by the acoustic alarm becomes louder when the distance between the car and the obstacle decreases.

BUZZER WARNINGS

When the reverse gear is engaged an intermittent acoustic signal is automatically activated (short beep indicating that sensors are active).

The acoustic signal:

- becomes louder as the reduction of distance between the car and the obstacle decreases;
- becomes continuous when the distance between the car and the obstacle is less than 30 cm and stops if the distance raises;
- is constant if the distance is unvaried.

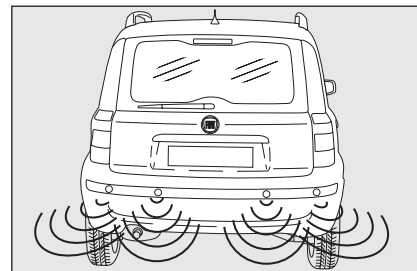


fig. 95

F0G0692m

Direction distances

Central action radius 120 cm

Side action radius 60 cm

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

FAILURE INDICATIONS

In the event of sensor failures, the driver is warned when engaging reverse by a 3-second beep.

OPERATION WITH TRAILER

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

Sensors are reactivated automatically when removing the trailer cable plug.



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

GENERAL WARNINGS

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



WARNING

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

SOUND SYSTEM

When the sound system has not been requested the car is provided with two oddment compartments on the instrument panel.

STANDARD SOUND SYSTEM fig. 96

The system consists of:

- sound system power wires;
- oddment compartment;
- front and rear speaker compartments.

Remove the door panel to fit the speakers.

Have this operation carried out at a Fiat Dealership.

The sound system is to be fitted in the dedicated seat in the oddment compartment which can be removed by pressing the two retaining tabs **A**.

Here you can find power wires.



If after buying the car, you decide to install a sound system, contact Fiat Dealership whose qualified personnel will help you choose a sound system that does not damage the battery charge. Excessive electrical absorption damages the battery and makes its warranty no longer valid.

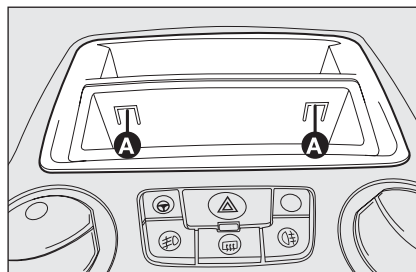


fig. 96

F0G0071m

SOUND SYSTEM PRESETTING (where provided)

In addition to what provided with the standard set-up, the car is also fitted with:

- two full range speakers, 165 mm diameter, 40 W power each on front doors;
- two full range speakers, 130 mm diameter, 35 W power each on rear doors;
- aerial power wire;
- front and rear speaker power wires;
- sound system power wires;
- aerial on the car roof.

SOUND SYSTEM (where provided)

The complete system consists of the following:

- two full range speakers, 165 mm diameter, 40 W power each on front doors;
 - two full range speakers, 130 mm diameter, 35 W power each on rear doors;
 - aerial on car roof;
 - radio with tape-recorder or sound system with CD player or sound system with MP3 CD player (for its operation and characteristics see the "Sound system" supplement attached to the present Handbook).
- With HiFi system (if required):
- two tweeters **A-fig. 97** and two woofers **B**, 40 W max power each on front doors;
 - two full range speakers, 40 W max power each on rear doors;
 - a subwoofer, 100 W power, under the right seat;
 - aerial on the roof;
 - sound system with CD player or sound system with MP3 CD player (for its operation and characteristics see the "Sound system" supplement attached to the present Handbook).

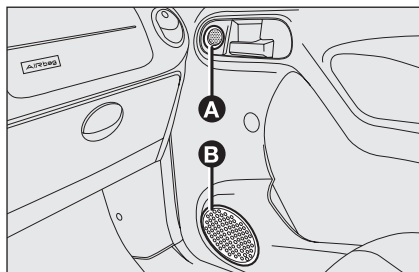


fig. 97

F0G0073m

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 Fiat Dealership, whose qualified personnel, besides suggesting the most suitable devices belonging to Lineaccessori Fiat, will also evaluate the overall electric absorption, checking whether the car's electric system is able to withstand the load required, or whether it needs to be integrated with a more powerful battery.

INSTALLATION OF ELECTRIC/ELECTRONIC DEVICES

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



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

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

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

RADIO TRANSMITTERS AND CELLULAR TELEPHONES

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

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

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

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

AT THE FILLING STATION

PETROL ENGINES

Use only unleaded petrol.

To prevent errors, the diameter of the fuel tank filler is too small to introduce a lead petrol pump filler.

Use petrol with a rated octane number (R.O.N.) not lower than 95.

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

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

DIESEL ENGINES

Operation at low temperatures

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

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

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

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

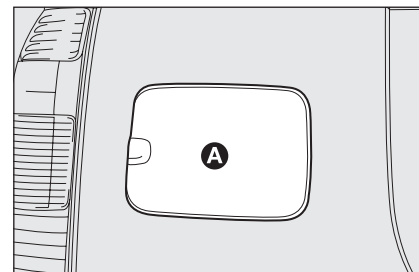


fig. 98

F0G0041m



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

REFUELLING

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

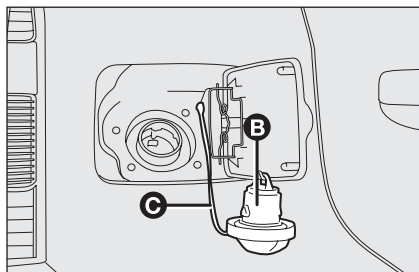


fig. 99

F0G0042m

FUEL FILLER CAP fig. 98 and 99

The fuel filler cap **B** is fitted with an anti-loss device **C** which fastens it to the flap **A** so it cannot be mislaid.

To slacken the cap **B** first open the flap **A**. The sealing of the tank may cause light pressurising in the tank. A little breathing off, while slackening the cap is absolutely normal.

When refuelling, position the cap on the device inside the flap as shown in the figure.



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

PROTECTING THE ENVIRONMENT

The devices for curtailing petrol engine emissions are the following:

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

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

The devices for curtailing diesel engine emissions are the following:

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



WARNING

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

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

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

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

During normal use of the vehicle, the engine control unit records a set of data (e.g.: travel time, type of route, temperatures, etc.) and it will then calculate how much particulates has been trapped by the filter.

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

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

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

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

SAFETY DEVICES

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SEAT BELTS

USING THE SEAT BELTS fig. 1

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

To fasten the seat belts, take 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.

To unfasten the seat belts, press button **C**. Guide the seat belt with your hand while it is rewinding, to prevent it from twisting. Through the reel, the belt automatically adapts to the body of the passenger wearing it, allowing freedom of movement.

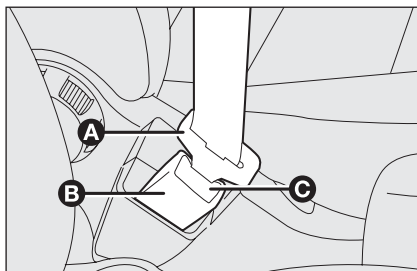


fig. 1

FOG0053m

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

The rear seat is fitted with inertial seat belts with three anchor points and reel. As an optional, (only for homologated 5-seat cars) also the centre seat can be fitted with three anchor points and reel or with lap belt with two anchor points for versions/markets where applicable.

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

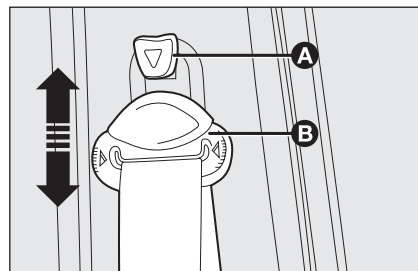


fig. 2

FOG0054m

SEAT BELT HEIGHT ADJUSTMENT (where provided)

Four different adjustments in height are provided.

To adjust, press button **A**-fig. 2 and lower or raise the grip **B**.

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

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

See texts and figures given in paragraph "General instructions for using the seat belts" in this section.



WARNING

Never press button C when travelling.



WARNING

Make height adjustment when the car is stationary.



WARNING

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

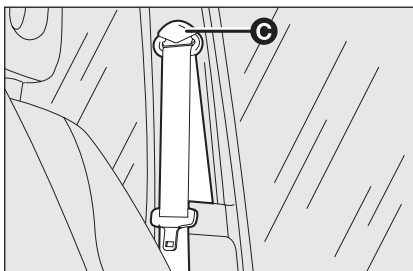


fig. 3

F0G0195m

For certain versions, the front seat belts have just one fixed anchoring point **C** - fig. 3 on the door post.

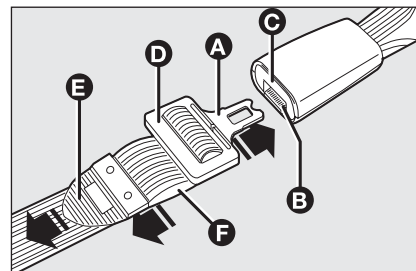


fig. 4

F0G0224m

USING THE CENTRAL SEAT BELT

Static lap belt with 2 anchor points (for versions/markets where applicable) fig. 4

To fasten the seat belt: fit the tongue **A** into the buckle **B** until hearing the locking click.

To unfasten the seat belt: press button **C**.

To adjust the belt: run the tape in the buckle **D**, pulling the end **E**) to tighten and section **F** to loosen.

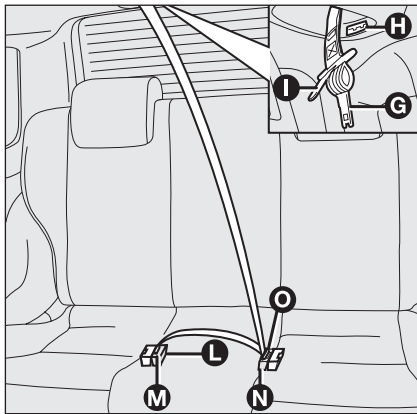


fig. 5

FOG0241m

Seat belt with three anchor points (for versions/markets where applicable) fig. 5

The seat belt has two webbings and a double buckle.

To use the seat belts, take the tongues out of the reel compartment and pull the belt, guide the belt to prevent it from twisting then secure tongue **G** into buckle **L** fitted with the black button **M**.

To fasten the belt, run the belt and secure tongue **I** into the corresponding buckle **N**.

To fasten the belt: press button **O** and guide the belt to prevent it from twisting.

Boot extension: unfasten the belt through button **M** and guide the belt to prevent it from twisting; overlap tongues **I** and **G**, on the catch **H** in the reel compartment.

IMPORTANT After repositioning the seats, restore proper seat belts conditions for prompt use.



WARNING

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

PRETENSIONERS

To increase the efficiency of the front and rear (where provided) seat belts, the Fiat Panda is fitted with pretensioners. These devices “feel”, through a sensor, that a violent crash is in progress and rewind the seat belts a few centimetres. In this way they ensure that the seat belt adheres perfectly to the wearer before the restraining action begins.

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

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

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

The pretensioner does not require any maintenance or greasing. Anything that modifies its original conditions invalidates its efficiency. If due to unusual natural events (floods, sea storms, etc.) the device has been affected by water and mud, it must necessarily be replaced.



WARNING

The pretensioner can only be used once. After a collision that has triggered it, have it replaced at a Fiat Dealership. Pretensioner validity is written on the label set on the door contour sheet metal. Pretensioners should be replaced at Fiat Dealership as this date approaches.



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

LOAD LIMITERS

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

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

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

Seat belts are also to be worn by expectant mothers: the risk of injury in the case of accident is greatly reduced for them and the unborn child if they are wearing a seat belt. Of course they must position the lower part of the belt very low down so that it passes under the abdomen (as illustrated in **fig. 6**).

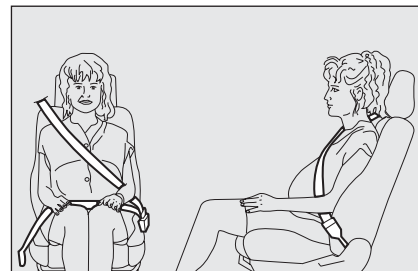


fig. 6

F0G0046m



WARNING

For maximum safety, keep the back of your seat upright, lean back into it and make sure the seat belt fits closely across your chest and hips. Make sure that the seat belts of the front and rear passengers are fastened at all times! You increase the risk of serious injury or death in a collision if you travel with the belts unfastened.



WARNING

Under no circumstances should the components of the seat belts and pretensioners be tampered with or removed. Any operation should be carried out by qualified and authorised personnel. Always contact a Fiat Dealership.

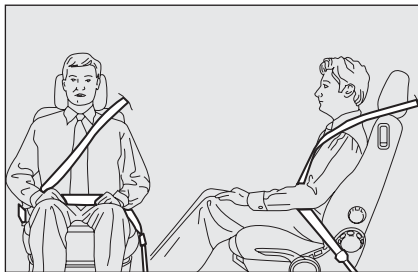


fig. 7

FOG0044m

IMPORTANT The belt should not be twisted. The upper part should pass over the shoulder and cross the chest diagonally. The lower part should adhere to the pelvis (as illustrated in **fig. 7**) and not to the abdomen of the passenger. Do not use any objects (pegs, stoppers, etc.) to keep the belts away from the body.

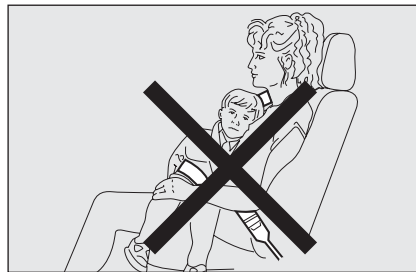


fig. 8

FOG0045m

IMPORTANT Each belt shall be used by one person only: never travel with a child sitting on the passenger's lap with a single belt to protect them both **fig. 8**. Do not fasten other objects to the body.

**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.

HOW TO KEEP THE SEAT BELTS ALWAYS IN EFFICIENT CONDITIONS

Observe the following:

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

CARRYING CHILDREN SAFELY

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

This is even more important for children.

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

Compared with adults, their head is proportionally larger and heavier than the rest of the body, while the muscles and bone structure are not completely developed.

Therefore, correct restraint systems are necessary, other than adult seat belts.


The results of research on the best child restraint systems are contained in the European Standard ECE- R44. This Standard enforces the use of restraint systems classified in five groups:

Group 0	0-10 kg in weight
Group 0+	0-13 kg in weight
Group 1	9-18 kg in weight
Group 2	15-25 kg in weight
Group 3	weight 22 - 36 kg



WARNING



SERIOUS DANGER: *Never place cradle child's seats on the front passenger seat of cars fitted with passenger's air bag. The air bag activation could cause serious injuries, even mortal. You are advised to carry children always on the rear seats, as this is the most protected position in the case of a crash. In any case, children's seats must absolutely not be fitted on the front seat of cars with passenger's air bag, which during inflation could cause serious injury, even mortal, regardless of the seriousness of the crash that triggered it. Children may be placed on the front seat of cars fitted with passenger's air bag deactivation. In this case, it is absolutely necessary to check the warning light  on the cluster to make sure that deactivation has actually taken place (see paragraph "Passenger's front air bag" at item "Front air bags"). The front passenger's seat shall be adjusted in the most backward position to prevent any contact between child's seat and dashboard.*

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

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

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

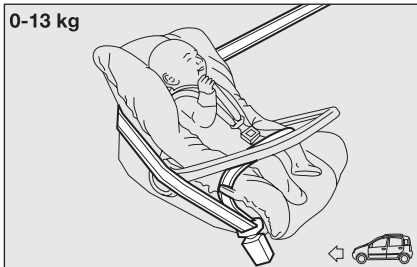


fig. 9

F0G0047m

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. 9** and in turn it must restrain the child with its own belts.

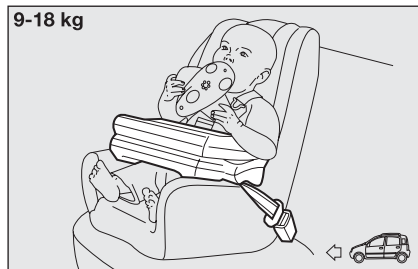


fig. 10

F0G0048m

GROUP 1

Starting from 9 to 18 kg in weight, children may be carried facing forwards, with seats fitted with front cushion, through which the car seat belt restrains both child and seat **fig. 10**.

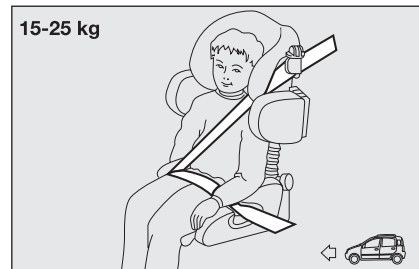


fig. 11

F0G0049m

GROUP 2

Starting from 15 to 25 kg in weight, children may be restrained directly by the car belts **fig. 11**.

The only function of the seat is to position the child correctly in relation to the belts, so that the diagonal part adheres to the chest and not to the neck and that the horizontal part clings to the child's pelvis and not the abdomen.

**WARNING**

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

**WARNING**

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

**WARNING**

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



fig. 12

FOG0050m

Group 3

For children from 22 kg up 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. 12 shows proper child seat positioning on the rear seat.

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



WARNING

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

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

Fiat Panda complies with the new EC Directive 2000/3 regulating child's seat assembling on the different car seats according to the following table:


Group	Range of weight	Front seat	Rear seat	Central seat
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 "Group".

(*) No child's seat can be installed on the rear seat with lap belt (without reel).

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

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

**WARNING**

In cars fitted with passenger air bag never place child's restraint systems on the front seat since children shall never be seated on the front passenger seat.

PRESETTING FOR MOUNTING THE “ISOFIX TYPE” CHILD RESTRAINT SYSTEM (where provided)

Fiat Panda is created preset for mounting the Isofix type child restraint system, a new European standardised child restraint system. Isofix type is an additional option that does not prevent from using traditional child restraint systems. Isofix type child restraint system covers three groups: 0, 0+ and I.

Due to its different anchoring system, the child's seat shall be anchored using the proper metal brackets set between rear seat back and cushion or in the rear seat cover, identified by slots **A**-fig. 13.

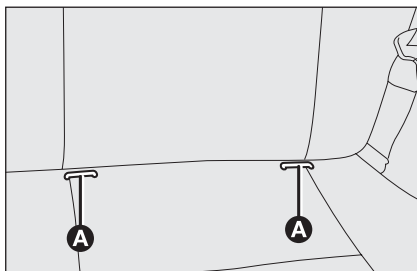


fig. 13

FOG0055m

It is possible to mount both the traditional restraint system and the Isofix type one, one on the left and the other on the right, for example.

Since sizes are different, it is possible to install max. two Isofix type seats on the rear seats using the proper fastening devices or three traditional child's seats secured by the seat belts. Only traditional child's seats can be installed on front seats.

Use only Isofix type child's seats that have been designed, experimented and approved expressly for this car.



WARNING

Mount the child restraint system only with the car stationary. The child restraint system is properly anchored to the mounting brackets when clicks are heard. In any case, keep to the installation instructions that must be provided by the child restraint system Manufacturer.

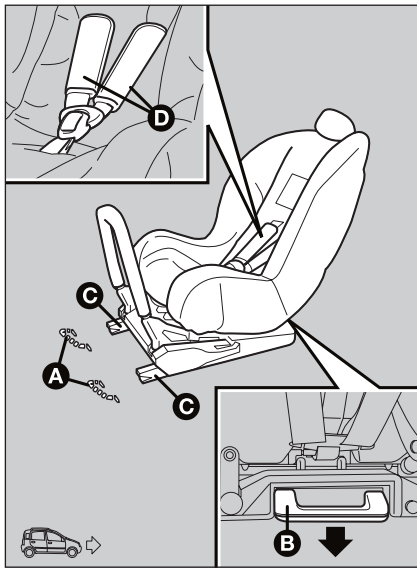


fig. 14

F0GXXXXm

FITTING THE ISOFIX TYPE SEAT

0 and 0+ group

For children of this weight group (babies up to 13 kg), the child's seat is facing backwards and the child restrained by the child's seat belts **D**-fig. 14.

As the child grows, passing to weight group 1, remove the child's seat from the base and refit it facing forwards.

For proper mounting proceed as follows:

- check whether the release lever **B** is at rest position (inward);
- find the presetting brackets **A**, then position the child restraint system with the fastening devices **C** aligned with the brackets;
- push the child restraint system until hearing locking clicks;
- check proper locking by moving the child's seat with force: the built-in safety mechanism actually inhibits improper coupling with only one coupling locked.

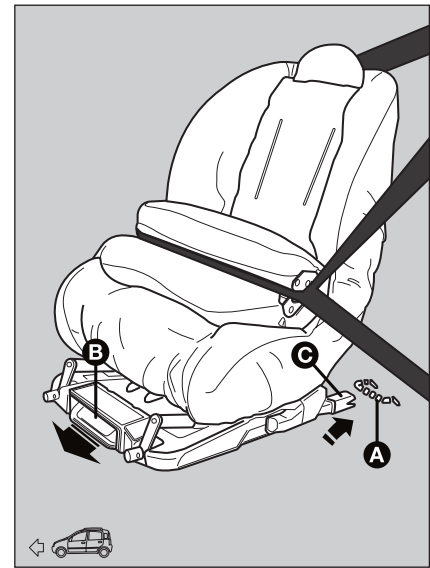


fig. 15

F0G0052m

GROUP I

For proper mounting proceed as follows:

- check whether the release lever **B**-fig. 15 is at rest position (inward);
- find the presetting brackets **A**, then position the child restraint system with the fastening devices **C** aligned with the brackets;

- ❑ push the child restraint system until hearing locking clicks;
- ❑ check proper locking by moving the child's seat with force: the built-in safety mechanism actually inhibits improper coupling with only one coupling locked.

With this configuration, the child is secured also by the car seat belts and by the upper belts. To apply car seat belts to child's seat refer to the child's seat handbook.

AIR BAGS

The car is fitted with front air bags (for versions/markets where applicable) for the driver and the passenger and front side bags (side bag - window bag).

FRONT AIR BAGS

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

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

In case of front crash, an electronic control unit, when required, triggers the inflation of the cushion according to the severity of the collision.

The cushion immediately inflates, placing itself as a protection between the body of the front occupants and the structure that could cause injuries. Immediately after, the cushion deflates.

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

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

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

- in collisions against highly deformable objects not affecting the car front surface (e.g. bumper collision against guard rail);
- car wedging under other vehicles or protective barriers (for example under a truck or guard rail);

as it offers no additional protection compared with the seat belts, consequently, it would be pointless. Therefore, failure to come into action in the above circumstances does not mean that the system is not working properly.



WARNING

Do not apply stickers or other objects to the steering wheel or to the air bag cover on the passenger's side or on the side roof lining. Never put objects (e.g. mobile phones) on the dashboard on passenger side since they could interfere with proper passenger air bag inflation and also cause serious injury.

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

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

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

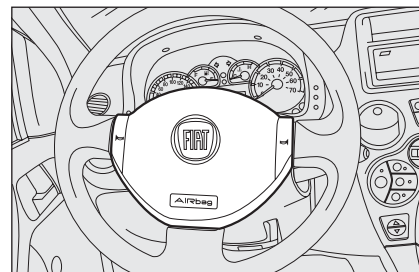


fig. 16

F0G0693m

DRIVER'S FRONT AIR BAG fig. 16

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

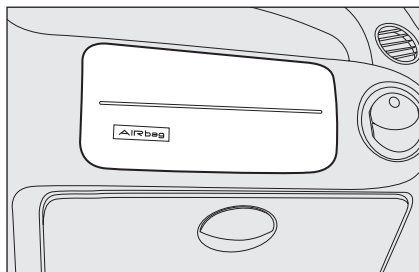


fig. 17

F0G0057m

PASSENGER'S FRONT AIR BAG fig. 17

It consists of an instant-inflating cushion contained in a special recess in the dashboard; its volume is bigger than the driver's one.



WARNING



SERIOUS DANGER: Never place cradle child's seats on the front passenger seat of cars fitted with passenger air bag. Air bag activation could cause serious injuries, even mortal. In the case of need, always deactivate the passenger's air bag when a child's seat is placed on the front seat. The front passenger's seat shall be adjusted in the most backward position to prevent any contact between child's seat and dashboard. Even if not compulsory by law, you are recommended to reactivate the air bag immediately as soon as child transport is no longer necessary.

MANUALLY DEACTIVATING THE PASSENGER'S FRONT AIR BAG

Should it be absolutely necessary to carry a child on the front seat, the passenger's air bag on the car can be deactivated.

Deactivation/reactivation takes place with ignition key at **STOP** and operating it in the special key switch in the glovebox.

The key can be fitted and extracted in both positions.

IMPORTANT Operate the switch only when the engine is not running and the ignition key is removed.

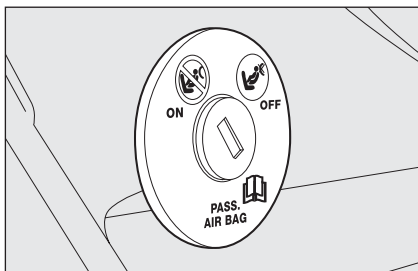







fig. 18

F0G0170m

The key-operated switch has two positions **fig. 18**:

- passenger's front air bag activated (**ON** position ): warning light  on instrument cluster off; it is absolutely prohibited to carry a child on the front seat.
- passenger's front air bag deactivated (**OFF** position ): warning light  on instrument cluster on; it is possible to carry a child protected by special restraint system on the front seat.

The warning light  on the cluster stays on permanently until the passenger's air bag is reactivated.

Deactivation of the passenger's front air bag does not inhibit operation of the side air bag.

SIDE AIR BAGS (Side bag - Window bag)

SIDE BAG fig. 19

It consists of an instant inflation cushion housed in the back rest of the front seat and has the task to increase protection of the occupants' chest in the event of a side crash of medium-high severity.

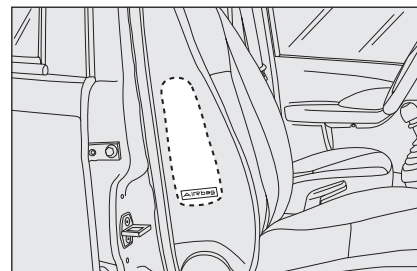


fig. 19

F0G0058m

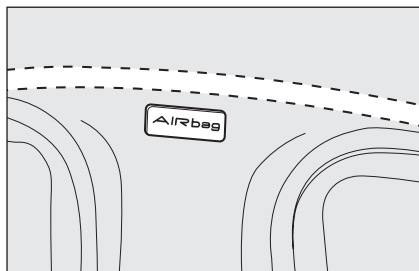


fig. 20

FOG0059m

WINDOW BAG fig. 20

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

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

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

IMPORTANT When the airbag inflates it emits a small amount of dusts. These dusts are harmless and is not the beginning of a fire; then the unfold cushion surface and the car interiors can be covered by a dusty remains: this dust can irritate skin and eyes. In case of contact, wash yourself using neutral soap and water. Expiration dates of pyrotechnic charge and coil contact are indicated on the label inside the glovebox. As these dates approach, contact Fiat Dealership to have them replaced.

IMPORTANT Should an accident occur in which any of the safety devices is activated, take the car to a Fiat Dealership to have the devices activated replaced and to have the system checked.

All control, repair and replacement operations concerning the Air bags must only be carried out c/o Fiat Dealership.

If you are having the car scrapped, have the air bag system deactivated at a Fiat Dealership first. If the car changes ownership, the new owner must be informed of the method of use of air bags and the above warnings and also be given this “Owner Handbook”.

IMPORTANT The triggering of pretensioners, front air bags and side bags is decided in a differentiated manner by the electronic control unit, depending on the type of crash. The failure to deploy one or more of them does not mean that the system is not working properly.



WARNING

Never rest head, arms and elbows on the door, on the windows and in the windowbag area to prevent possible injuries during inflation phase.




WARNING

Never put 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 there could be a failure in safety systems; in this event air bags or pretensioners could not trigger in case of impact or, in a minor number of cases, they could trigger accidentally. Contact Fiat Dealership immediately to have the system checked.

**WARNING**

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

**WARNING**

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

**WARNING**

Always keep your hands on the steering wheel rim when driving, so that if the air bag is triggered, it can inflate without meeting any obstacles which could cause serious harm to you. Do not drive with the body bent forwards, keep the seat back rest in the erect position and lean your back well against it.

**WARNING**


If the car has been stolen or an attempt to steal it has been made, if it has been subjected to vandals or floods, have the air bag system checked by Fiat Dealership.

**WARNING**

Remember that with the key engaged and at MAR, even if the engine is not running, the air bags may be triggered on a stationary car if it is bumped by another moving car. Therefore, never seat children on the front seat even when the car is stationary. On the other hand remember that if the key is at STOP, no safety system (air bags or pretensioners) is triggered in the event of an impact; in this case, failure to come into action cannot be considered as a sign that the system is not working properly.



WARNING

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



WARNING

Do not wash the seat back rest with pressurised water or steam (by hand or at automatic seat washing stations).



WARNING

The front air bag is triggered for shocks greater in magnitude than the pretensioners. For impacts between these two thresholds, it is therefore normal that only the pretensioners are triggered.



WARNING

Do not hook rigid objects to the coat hooks and to the support handles.



WARNING

The air bag does not substitute the seat belts, but only increases their effectiveness. Moreover, since the front air bags do not come into operation in the event of front impact at low speed, side collisions, bumps from behind or overturning, in these circumstances the occupants would only be protected by the seat belts which must therefore always be fastened.

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STARTING THE ENGINE

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

The engine may be noisier than usual during the first seconds of operation, especially after it has not been used for a while. This characteristic feature of the hydraulic tappet system does not compromise functionality or reliability: the system devised for the Fiat Panda was designed to limit maintenance interventions.



We recommend that during the initial period you do not drive to full car performance (e.g.: excessive acceleration,

long journeys at top speed, sharp braking, etc.).



*When the engine is switched off never leave the ignition key in the **MAR** position to prevent pointless current absorption from draining the battery.*



WARNING

Running the engine in confined areas is extremely dangerous. The engine consumes oxygen and produces carbon monoxide which is a highly toxic and lethal gas.



WARNING

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

STARTING PROCEDURE FOR PETROL VERSIONS

Proceed as follows:

- ensure that the handbrake is up;
- put the gear lever in 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 are still unable to start the engine, perform the emergency start-up procedure (see “Emergency start-up” in “In an emergency” chapter) and contact Fiat Dealership.

STARTING PROCEDURE FOR DIESEL VERSIONS


Proceed as follows:

- Ensure that the handbrake is up;
- Put the gear lever into neutral;
- Turn the ignition key to **MAR**: the warning lights  and  on the instrument panel will turn on;
- Wait for the warning lights  and  to turn off. The hotter the engine is, the quicker this will happen;
- Press the clutch pedal down to the floor without touching the accelerator;
- Turn the ignition key to **AVV** as soon as warning light  goes out. If you wait too long you will lose the benefit of the work done by the glow plugs.

Release the key as soon as the engine starts.


IMPORTANT With cold engine, the accelerator pedal shall be completely released while turning the ignition key to **AVV**.

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

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

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




The warning light  will flash for 60 seconds at start-up or during prolonged cranking to indicate a fault in the glow plug heating system. You can use the car as usual if the engine starts but you should contact Fiat Dealership as soon as possible.

HOW TO WARM UP THE ENGINE AFTER IT HAS JUST STARTED

Proceed as follows:

- Drive off slowly, letting the engine turn at medium revs. Do not accelerate abruptly;
- Do not drive at full performance for the initial kilometres. Wait until the coolant temperature gauge starts moving.

EMERGENCY START-UP

If the instrument panel warning light  stays on with fixed light, the emergency start-up can be performed by using the CODE card code (see section “In an emergency”).



Never bump start the engine by pushing, towing or coasting downhill. These operations could cause fuel to flow into the catalytic exhaust system and damage it beyond repair.

STOPPING THE ENGINE

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

IMPORTANT After 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.

PARKING

Proceed as follows:

- Stop the engine and engage the handbrake;
- engage a gear (1st if the car is faced uphill or reverse if it is faced downhill) and leave the wheels steered.

Block the wheels with a wedge or a stone if the car is parked on a steep slope.

Do not leave the ignition key at **MAR** to prevent draining the battery, always remove the ignition key when leaving the car.

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

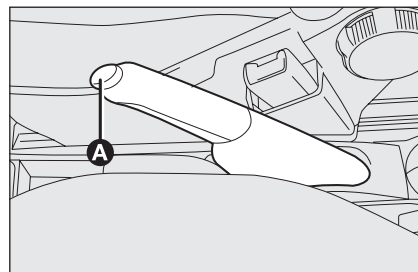


fig. 1

F0G0037m

HANDBRAKE fig. 1

The handbrake lever is located between the two front seats.

Pull the handbrake lever upwards until the car cannot be moved.

Four or five clicks are generally enough when the car is on level ground while nine or ten may be required if the car is on a steep slope or laden.

IMPORTANT If this is not the case, contact Fiat Dealership to have the handbrake adjusted.

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

To release the handbrake:

- slightly lift the handbrake and press release button **A**;
- keep button **A** pressed and lower the lever. Warning light (ⓘ) will turn off.

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

USING THE MANUAL GEARBOX

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

IMPORTANT The car can only be put into reverse gear when it has stopped moving completely. With the engine running, before engaging the reverse, wait at least 2 seconds with the clutch pedal fully down to prevent damage and grating of the gears.

To engage reverse **R** from neutral, lift the sliding ring **A** under the knob and shift the lever to the right and back.

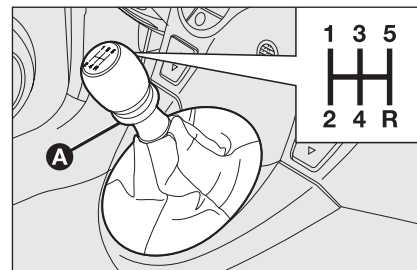


fig. 2

F0G0060m



WARNING

To change gears properly you must push the clutch pedal fully down. It is therefore essential that there is nothing under the pedals: make sure the mats are lying flat and do not get in the way of the pedals.



Do not drive with your hand resting on the gear lever as the force exerted, even if slight, could lead over time to premature wear on the gearbox internal components.

CONTAINING RUNNING COSTS

Some useful tips are given below for fuel saving and reducing harmful emissions of CO₂ and other pollutants (nitrogen oxides, unburnt hydrocarbons, Particulate Matter (PM) etc.).

GENERAL CONSIDERATIONS

Car maintenance

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

Tyres

Check the pressure of the tyres routinely at an interval of no more than 4 weeks: if the pressure is too low, consumption levels increase as resistance to rolling is higher.

Unnecessary loads

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

Accessories installed on longitudinal bars

Remove accessories like: roof racks, ski racks, luggage container, etc. from the roof as soon as they are no longer used. These accessories lower air penetration and adversely affect consumption levels. When needing to carry particularly voluminous objects, preferably use a trailer.

Electric devices

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

Climate control

The air conditioner is an additional load which greatly affects the engine leading to higher consumption (on average up to +20%). When the temperature outside the car permits it, use the air vents where possible.

Spoilers

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

DRIVING STYLE

Starting

Do not warm the engine with the car at a standstill or at idle or high speed: under these conditions the engine warms up much more slowly, increasing electrical consumption and emissions. It is therefore advisable to move off immediately, slowly, avoiding high speeds: this way the engine will warm faster.

Unnecessary actions

Avoid accelerating when waiting at traffic lights or before switching off the engine. This and also double declutching is absolutely pointless on modern cars and also increases consumption and pollution.

Gear selection

As soon as the conditions of the traffic and road allow, use a higher gear. Using a low gear to obtain brilliant performance increases consumption.

In the same way improper use of a high gear increases consumption, emissions and engine wear.

Top speed

Fuel consumption considerably increases with speed. Avoid superfluous braking and accelerating, which cost in terms of both fuel and emissions.

Acceleration

Accelerating violently increasing the revs will greatly affect consumption and emissions: acceleration should be gradual.

CONDITIONS OF USE

Cold starting

Short journeys and frequent cold starts do not allow the engine to reach optimum operating temperature. This results in a significant increase in consumption levels (from +15 to +30% on the urban cycle) and emission of harmful substances.

Traffic situations and road conditions

Rather high consumption levels are tied to situations with heavy traffic, for example in queues with frequent use of the lower gears or in cities with many traffic lights. Also winding mountain roads and rough road surfaces adversely affect consumption.

Traffic hold-ups

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

TOWING TRAILERS

IMPORTANT NOTES

For towing caravans or trailers the car must be fitted with a certified tow hook and an adequate electric system. Installation should be carried out by specialised personnel who release a special document for circulation on the road.

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

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

Engage a low gear when driving downhill, rather than constantly using the brake.

The weight the trailer exerts on the car tow hook reduces by the same amount the actual car loading capacity. To make sure the maximum towable weight is not exceeded (given in the log book) account should be taken of the fully laden trailer, including accessories and personal belongings.

Do not exceed the speed limits of the country you are driving in. In any case do not exceed 100 km/h.

**WARNING**

The ABS system with which the car may be fitted does not control the trailer braking system. Therefore be cautious on slippery roads.

**WARNING**

Under no circumstances should the car brake system be altered to control the trailer brake. The trailer braking system must be fully independent of the car's hydraulic system.

INSTALLING THE TOW HOOK

The towing device should be fastened to the body by specialised personnel according to any additional and/or integrative information supplied by the Manufacturer of the device.

The towing device must meet current regulations with reference to 94/20/CEE Directive and subsequent amendments.

For any version the towing device used must match the towable weight of the car on which it is to be installed.

For the electric connection a unified connector should be used which is generally placed on a special bracket normally fastened to the towing device, and a special ECU for external trailer light control shall be installed on the car.

For the electric connection, a 7 pin 12VDC connection is to be used (CUNA/UNI and ISO/DIN Standards). Follow the instructions provided by the car manufacturer and/or the tow hitch manufacturer.

An electric brake should be supplied directly by the battery through a cable with a cross section of no less than 2.5 mm².

IMPORTANT Electric brake or other device shall be used with running engine.

In addition to the electrical branches, the car electric system can only be connected to the supply cable for an electric brake and to the cable for an internal light, though not above 15W.

For connections use a preset control unit with battery cable no less than 2.5 mm².

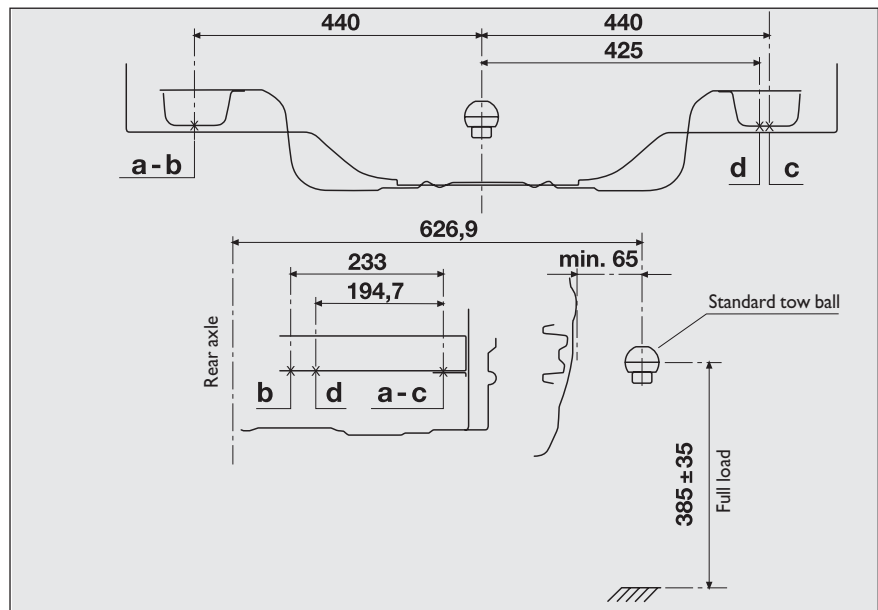


fig. 3

F0G0225m

Assembly diagram fig. 3

The tow hook structure must be fastened in the points shown by letters “a-b-c-d” using a total of 4 M10 screws.

The hook should be fastened to the body avoiding any type of drilling and trimming of the rear bumpers that remains visible when the hook is removed.

IMPORTANT It is compulsory to fasten a label (plainly visible) of suitable size and material with the following wording:

MAX LOAD ON BALL 60 kg

After fitting, screw holes shall be sealed to prevent an exhaust gas inlet.

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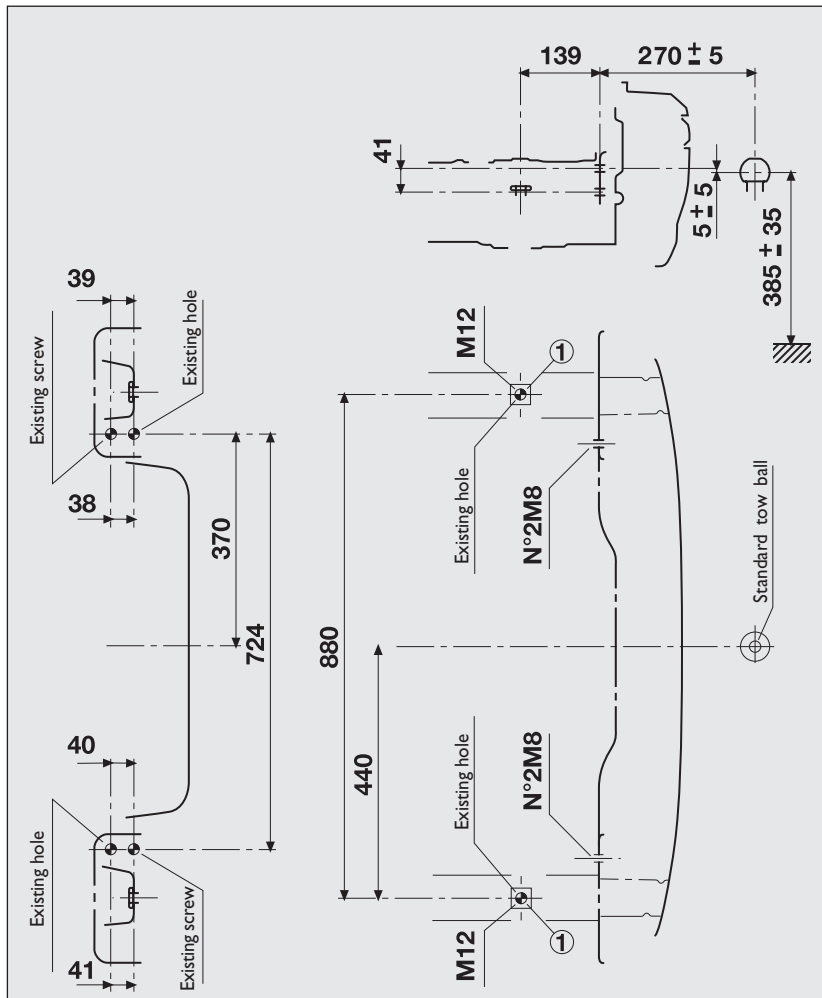



fig. 4

F0G0226m

Assembly diagram fig. 4

The tow hook structure must be fastened in the points shown by the symbol  using a total of 4 M8 screws and 2 M12 screws.

The internal counterplates **I** are to be at least 6 mm thick. The hook should be fastened to the body avoiding any type of drilling and trimming of the rear bumpers that remains visible when the hook is removed.

IMPORTANT It is compulsory to fasten a label (plainly visible) of suitable size and material with the following wording:

MAX LOAD ON BALL 60 kg

After fitting, screw holes shall be sealed to prevent an exhaust gas inlet.

SNOW TYRES

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

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

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

The winter features of these tyres are reduced considerably when the tread depth is below 4 mm. In this case, they should be replaced.

Due to the snow tyre features, under normal conditions of use or on long motorway journeys, the performance of these tyres is lower than that of normal tyres. It is therefore necessary to limit their use to the purposes for which they are certified.

IMPORTANT When snow tyres are used with a max speed index below the one that can be reached by the car (increased by 5%), place a notice in the passenger'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

The max speed for snow tyres with "Q" marking is 160 km/h. The Road Traffic Code speed limits must however be always strictly observed.

SNOW CHAINS

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

Snow chains should only be applied to the driving wheels (front wheels).

Check the tension of the chains after driving some ten metres.

IMPORTANT Snow chains cannot be fitted to the space saver spare wheel. So, if a front (drive) wheel is punctured and chains are needed, a rear wheel should be fitted to the front of the car and the spare wheel should be fitted to the rear. This way with two normal drive wheels, snow chains can be fitted to them to solve an emergency.



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

CAR INACTIVITY

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

- park the car in covered, dry and if possible well-ventilated premises;
- engage a gear;
- check that the handbrake is not engaged;
- disconnect the battery negative terminal and check the battery charge. This check is to be repeated every three months. Recharge if the optical indicator shows a dark colour without the central green area;
- clean and protect the painted parts using protective wax;

- clean and protect the shiny metal parts using special compounds readily available;
- sprinkle talcum powder on the rubber windscreen and rear window wiper blades and lift them off the glass;
- slightly open the windows;
- cover the car with a cloth or perforated plastic sheet. Do not use sheets of non-perforated plastic as they do not allow moisture on the car body to evaporate;
- inflate tyres to +0,5 bar above the normal specified pressure and check it at intervals;

- if you don't disconnect the battery from the electric system, check its charge every month and recharge it if the optical indicator shows a dark colour without the central green area;
- do not drain the engine cooling system.

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WARNING LIGHTS AND MESSAGES

GENERAL WARNINGS

Turning on of warning light is accompanied by specific message and/or by buzzer sound where provided by instrument panel. These indications are **concise and cautionary** and shall not be considered as exhaustive and/or as an alternative to the specifications contained in this Owner Handbook which shall always be read through carefully and thoroughly. In case of failure indication **always refer to the specifications contained in this section**.

IMPORTANT Failure indications displayed are divided into two categories: **very serious** and **less serious** failures.

Very serious failures are indicated by a repeated and prolonged warning “cycle”.

Less serious failures are indicated by a limited warning “cycle”.

The warning cycle of both failure classes can be stopped by pressing button **MODE**. The instrument panel warning light will stay on until eliminating the fault.

As concerns messages relevant to the versions equipped with Dualogic gearbox, see the attached Supplement.



**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 few seconds.

Low brake fluid level

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

On certain versions the dedicated message is displayed.



WARNING

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

Handbrake on

The warning light turns on when the handbrake is on.

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

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



**AIR BAG FAILURE
(red)**


Turning the ignition key to **MAR** the warning light turns on, but it should go off after 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 ignition key to **MAR**, the warning light  does not turn on or stays on when travelling there could be a failure in safety systems; in this event air bags or pretensioners could not trigger in case of impact or, in a minor number of cases, they could trigger accidentally. Contact Fiat Dealership immediately to have the system checked.





WARNING

The failure of the warning light  (warning light off) is also indicated by the flashing for more than the normal 4 seconds of the passenger's front air bag deactivated warning light .







FRONT PASSENGER'S AIR BAG DEACTIVATED (amber)

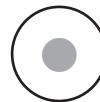
Warning light  comes on when front passenger's air bag is deactivated.

With front passenger's air bag 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 also warning light  failures. This is indicated by intermittent flashing, over 4 seconds, of warning light . In this event warning light  indicates that there could be a failure in safety systems. Contact Fiat Dealership immediately to have the system checked.



HIGH TEMPERATURE ENGINE COOLANT FLUID (red)

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

The warning light turns on when the engine is overheated.

If the warning light comes on when driving, proceed as follows:

- normal driving conditions:** stop the car, switch off the engine and check whether the water level in the reservoir is not below the MIN mark. Otherwise wait for few seconds to allow the engine cooling, then open slowly and carefully the cap, top up coolant and check whether its level is falling between MIN and MAX marks in the reservoir. Check visually any leak. If, when restarting, the warning light comes on again, contact a Fiat Dealership.

- ❑ **Car heavy duty** (e.g.: towing trailer uphill of fully laden car): decrease speed, if the warning light stays on, stop the car. Wait for 2 or 3 minutes leaving the engine on and slightly accelerated to further activate the circulation of the coolant fluid, then switch the engine off. Check proper coolant level as described previously.

IMPORTANT Under severe use of the car, keep the engine on and slightly accelerated for 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 it stays on, contact immediately Fiat Dealership.



INEFFICIENT ABS SYSTEM (amber)



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

The warning light turns on when the system is inefficient or unavailable. In this case the braking system keeps its effectiveness unchanged, but without the potential offered by the ABS system. Caution is advisable and it is necessary to contact Fiat Dealership.

On certain versions the dedicated message is displayed.



INEFFICIENT EBD ELECTRONIC BRAKING DISTRIBUTOR (red) (amber)

The turning on at the same time of warning lights  and  with the engine running indicates an EBD system failure or that the system is unavailable; in this case heavy braking may cause the rear wheels to lock before time, with the possibility of skidding. Drive with the utmost care to the nearest Fiat Dealership to have the system checked.

On certain versions the dedicated message is displayed.



LOW ENGINE OIL PRESSURE (red)

EXHAUSTED OIL (red) (Multijet versions with DPF)


Low engine oil pressure

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

On certain versions the dedicated message is displayed.




WARNING

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


Exhausted oil

The warning light with turn on flashing together with the message on the display when the system detects that the engine oil is exhausted.

After the first indication, at each engine starting the warning light  will go on flashing for about 60 seconds and then every 2 hours until oil is changed.



WARNING

If warning light  flashes, contact Fiat Dealership immediately 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 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. Contact Fiat Dealership.

On certain versions the dedicated message is displayed.



INCOMPLETE DOOR LOCKING (red)

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

On certain versions the dedicated message is displayed.

A buzzer will sound (only for versions with reconfigurable multifunction display) when doors are open and the car is moving.



INJECTION SYSTEM FAILURE (Multijet versions - amber)

EOBD ENGINE CONTROL SYSTEM FAILURE (petrol versions - amber)

Injection system failure

Under normal conditions, turning the ignition key to **MAR**, the warning light turns on but it should go off after engine starting.

If the warning light stays on or turns on when travelling, means a fault in the supply/ignition system which could cause high emissions at the exhaust, possible lack of performance, poor handling and high consumption levels.

On certain versions the dedicated message is displayed.

In these conditions it is possible to continue driving without however requiring heavy effort or high speed from the engine. Contact Fiat Dealership as soon as possible.

EOBD engine control system failure

Under normal conditions, turning the ignition key to **MAR**, the warning light turns on, but it should go out as soon as the engine is started. The initial turning on indicates that the warning light is working properly. If the warning light stays on or turns on when travelling:

- glowing steadily*: means a fault in the supply/ignition system which could cause high emissions at the exhaust, possible lack of performance, poor handling and high consumption levels.



On certain versions the dedicated message is displayed.

In these conditions it is possible to continue driving without however requiring heavy effort or high speed from the engine. Prolonged use of the car with the warning light on may cause damages. Contact Fiat Dealership as soon as possible. The warning light goes off if the fault disappears, but it is still stored by the system.

- flashing*: indicates the possibility of damage to the catalyst (see “EOBD system” in section “Dashboard and controls”).

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



If, turning the ignition key to MAR, the warning light  does not turn on or if it turns on glowing steadily or flashing when travelling (on certain versions together with the message on the display), contact Fiat Dealership as soon as possible. Warning light  operation can be checked by traffic agents by proper equipment. Comply with laws and regulations of the country where you are driving.



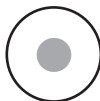
DIESEL PARTICULATE FILTER CLOGGED (1.3 Multijet versions 75 HP - amber)

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

The warning light turns on when the diesel particulate filter is clogged and the driving conditions do not enable to activate automatically the reclaiming procedure.

To enable reclaiming, i.e. cleaning the filter, keep the car running until the warning light turns off.

The display will show the dedicated message.



FUEL RESERVE (amber)

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

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

IMPORTANT The warning light flashes to indicate a failure, contact Fiat Dealership as soon as possible to have the system checked.



GLOW PLUG WARMING (Multijet versions - amber)

GLOW PLUG WARMING FAILURE (Multijet versions - amber)

Glow plug warming

Turning the ignition key to **MAR**, the warning light turns on and it will turn off when glow plugs reach the preset temperature. Start the engine immediately after warning light switching off.

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

Glow plug warming failure



The warning light turns on when there is a failure in the glow plug warming system. Contact Fiat Dealership as soon as possible.

On certain versions the dedicated message is displayed.





WATER IN DIESEL FUEL FILTER (Multijet versions - amber)

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

The warning light  turns on when there is water in the diesel fuel filter. On certain versions warning light  will turn on.

On certain versions the dedicated message is displayed.





The presence of water in the fuel circuit may cause serious damage to the entire injection system and cause irregular engine operation. If the warning light  turns on (on certain versions the warning light  together with the message on the display) contact Fiat Dealership as soon as possible to have the system relieved. If the above indications come on immediately after refuelling, water has probably been poured into the tank: turn the engine off immediately and contact Fiat Dealership.




CAR PROTECTION SYSTEM FAILURE - FIAT CODE (amber)

Turning the key to **MAR** the warning light shall flash only once and then go off.

If with the ignition key at **MAR**, the warning light stays on, this indicates a possible failure (see “Fiat Code system” in section “Dashboard and controls”).

IMPORTANT The turning on at the same time of the  and  warning lights indicates a failure of the Fiat CODE system.

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 “Dashboard and controls”).

Contact Fiat Dealership to have all the key memorised.



HEATED REAR WINDOW (amber)

The warning light turns on when switching the heated rear window on.



EXTERNAL LIGHT FAILURE (amber)

The warning light turns on when one of the following lights is failing:

- side/taillights
- brake lights (third brake light excluded)
- rear fog lights
- direction indicators
- number plate lights.

The failure referring to these lights could be: one or more blown bulbs, a blown protection fuse or an electric connection cut-off.

The dedicated message is displayed.



REAR FOG LIGHTS (amber)

The warning light turns 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 comes on when the engine oil pressure sensor is faulty. Contact Fiat Dealership as soon as possible.

Water in diesel fuel filter

See what described for warning light .

Inertial fuel cut-off switch intervened

The warning light comes on when the inertial fuel cut-off switch is triggered.

The display will show the dedicated message.



ESP SYSTEM FAILURE (amber)

Turning the ignition key to **MAR** the warning light comes on but shall go off after few seconds.

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

On certain versions the dedicated message is displayed.

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



HILL HOLDER FAILURE (amber)

Turning the ignition key to **MAR** the warning light comes on but shall go off after few seconds.

The warning light will turn on when the Hill Holder system is faulty. Contact Fiat Dealership as soon as possible .

On certain versions the dedicated message is displayed.



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 when this device is active (see “Follow me home” in section “Dashboard and controls”).

The display will show the dedicated message.



FRONT FOG LIGHTS (green)

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



LEFT-HAND DIRECTION INDICATOR (green - intermittent)

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



RIGHT-HAND DIRECTION INDICATOR (green - intermittent)

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



“DUALDRIVE” ELECTRIC POWER STEERING ACTIVATION (green)

The indication CITY will turn on when engaging the “Dualdrive” electric power steering by pressing the relevant button. The indication CITY will turn off when pressing the button again.



MAIN BEAMS (blue)

The warning light turns on when the main beams are turned on.

POSSIBLE PRESENCE OF ICE ON THE ROAD (versions with reconfigurable multifunction display)

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 “Multifunction Display” in section “Dashboard and controls”).

LIMITED RANGE (versions with reconfigurable multifunction display)

The display will show the dedicated message to warn the driver that the cruising range is less than 50 km.

ASR SYSTEM (versions with reconfigurable multifunction display)

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

The display will show the dedicated message to warn the driver that the system is off; at the same time the button led will turn on.

Pressing again button **ASR OFF** the button led will turn off and the display will show the dedicated message to warn the driver that the system is on again.

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ENGINE STARTING

EMERGENCY START-UP






If the Fiat CODE system fails to deactivate engine immobilising system the instrument panel warning lights  and  stay on and the engine cannot be started.


To start the engine the emergency start-up can be performed.


Read the whole procedure carefully before trying to carry it out: if you make a mistake, you must turn the ignition key back to **STOP** and repeat the whole operation from beginning.

Proceed as follows:

- read the 5-figure electronic code given on the CODE card;
- turn the ignition key to **MAR**;

- press and hold down the accelerator pedal: the warning light  turns on for about 8 seconds, and then goes off;
- release the accelerator pedal and get ready to count the flashes of the warning light ;
- count the number of flashes that corresponds to the first figure of the code on the CODE card, then press the accelerator pedal and keep it there until the warning light  comes on (for 4 seconds) and then goes off: release the accelerator pedal;
- warning light  will start flashing again: after it has flashed the number of times that corresponds to the second figure on the CODE card, press the accelerator pedal to the floor and keep it there;
- do the same for the remaining figures on the CODE card;
- once the final figure has been entered, keep the accelerator pedal pressed. The warning light  will light up for 4 seconds and then go out. Release the accelerator pedal;

- rapid flashing of the warning light  (for about 4 seconds) confirms the operation has been carried out successfully;
- start the engine by turning the ignition key from **MAR** to **AVV**.

If, however, the warning light  stays on, turn the ignition key to **STOP** and repeat the procedure from step one.

IMPORTANT After an emergency start-up you should contact a Fiat Dealership, otherwise you will have to repeat the procedure described each time you want to start the engine.

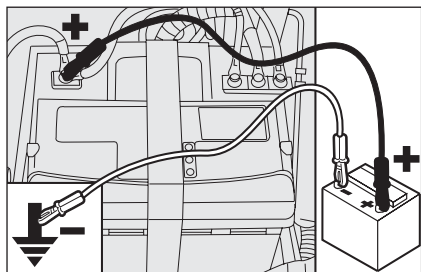


fig. 1

F0G0694m

JUMP STARTING fig. 1

If the battery is flat, it is possible to start the engine using an auxiliary battery with the same capacity or a little higher than the flat one.



Never use a battery charger to start the engine as this could damage the electronic systems of your car, particularly the ignition and fuel supply control units.



WARNING

The starting procedure must be carried out by qualified personnel because incorrect operations may cause electrical discharge of considerable intensity. The liquid contained in the battery is poisonous and corrosive. Avoid contact with the skin and eyes. Keep naked flames and lighted cigarettes away from the battery and do not cause sparks.

Proceed as follows:

- Connect positive terminals (+) of the two batteries with a jump lead;
- With a second lead, connect the negative terminal – of the auxiliary battery to an earthing point ↓ on the engine or the gearbox of the car to be started;
- Start the engine;

- When the engine has been started, remove the leads reversing the order above.

If after a few attempts the engine does not start, do not insist but contact the nearest Fiat Dealership.

IMPORTANT Do not directly connect the negative terminals of the two batteries: any sparks may ignite the detonating gas which could come out of the battery. If the auxiliary battery is installed on another car, avoid metal parts touching accidentally between this car and the one with the flat battery.

BUMP STARTING

Never bump start the engine (by pushing, towing or coasting downhill).

This could cause fuel to flow into the catalytic converter and damage it beyond repair.

IMPORTANT Remember that the servo-brake and electrical power steering system (where provided) 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.

IF A TYRE IS PUNCTURED

GENERAL INSTRUCTIONS

The car can be delivered (upon request/where provided) with standard spare wheel or space saver spare wheel; see changing instructions on the following paragraphs.

Wheel changing and correct use of the jack and space-saver spare wheel call for some precautions as listed below.



WARNING

The space-saver spare wheel (where provided) is specific to your car, do not use it on other models, or use the spare wheel of other models on your car. The space-saver spare wheel shall only be used in an emergency. It shall only be used for the distance necessary to reach a service point and the car speed shall not exceed 80 km/h. The spare wheel has an orange sticker that summarises the main cautions for use and limitations. The sticker should never be removed or covered. Never fit a wheel cap on a space-saver spare wheel. The sticker gives the following information in four languages: Caution! For temporary use only! 80 km/h max! Replace by normal wheel as soon as possible. Do not cover this label in use.

If you change the type of wheel (alloy rims instead of steel rims) you will have to change the entire set of fastening bolts with another set of suitably sized bolts.



WARNING

Alert other drivers that the car is stationary in compliance with local regulations: hazard warning lights, warning triangle, etc. Any passengers on board should leave the car, especially if it is heavily laden. Passengers should stay away from oncoming traffic while the wheel is being changed. If parked on a slope or rough surface, chock the wheels with wedges or other suitable devices.



WARNING

When driving with a space-saver spare wheel fitted, the driving performance of the car changes. Avoid accelerating or braking sharply, abrupt turns of fast cornerings. The life of a spare wheel is approx. 3000 km, after this distance it should be replaced with another of the same type. Never attempt to fit a conventional tyre on a rim designed for use as a space-saver spare wheel. Have the punctured wheel repaired and refitted as soon as possible. Two or more space-saver spare wheels should never be used together. Do not grease the threads of bolts before installing them: they might slip out.



WARNING

The jack shall only be used for changing wheels on the car with which it is provided or on cars of the same model. It must not be used for other purposes such as for instance raising cars of other models. In no case should it be used for repairs under the car. Incorrect positioning of the jack may cause the jacked car to fall. Do not use the jack for higher capacities than stated on its label. Snow chains cannot be fitted to the space-saver spare wheel. So, if a front (drive) wheel is punctured and chains are needed, a rear wheel should be fitted to the front of the car and the spare wheel should be fitted to the rear. This way with two normal drive wheels, snow chains can be fitted to them to solve an emergency.



WARNING

Fasten the wheel cap correctly to prevent the wheel from coming free in motion. Never tamper with the inflation valve. Never place tools between the rim and tyre. Check and restore, if required, the pressure of tyres and spare wheel to the values given in section "Technical specifications".

Please note:

- the jack weight is 1,76 kg;
- the jack requires no adjustment;
- the jack cannot be repaired and in the event of a fault it must be replaced by another original one;
- no tool other than its cranking device may be fitted on the jack.

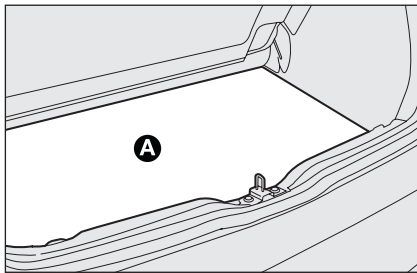


fig. 2

F0G0171m

To change a wheel proceed as follows:

- Stop the car in a position that is not dangerous for oncoming traffic where you can change the wheel safely. The ground should be flat and adequately firm;
- turn the engine off and pull up the hand-brake;
- engage first gear or reverse;
- lift the luggage compartment mat **A**-fig. 2;

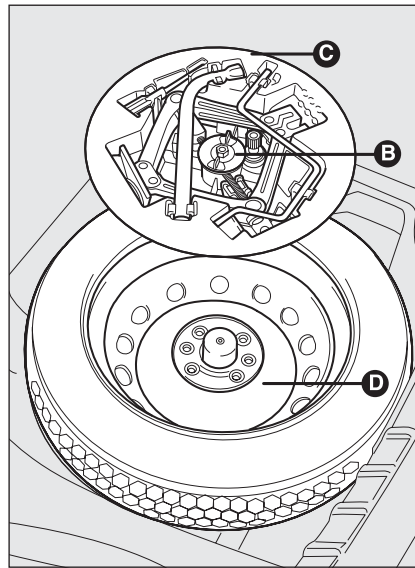


fig. 3

F0G0078m

- loosen the clamping device **B**-fig. 3;
- take out the tool container **C** and take it near the wheel to be changed;
- take the space saver spare wheel **D**;
- to remove the wheel cap secured by spring, use the screwdriver provided levering on the three notches present on the outer circumference;

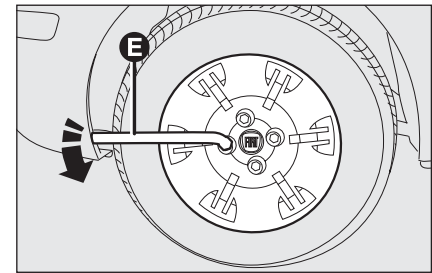


fig. 4

F0G0695m

- loosen the bolts on the wheel to be replaced with the tool **E**-fig. 4 provided;
- turn handle to partially open the jack;

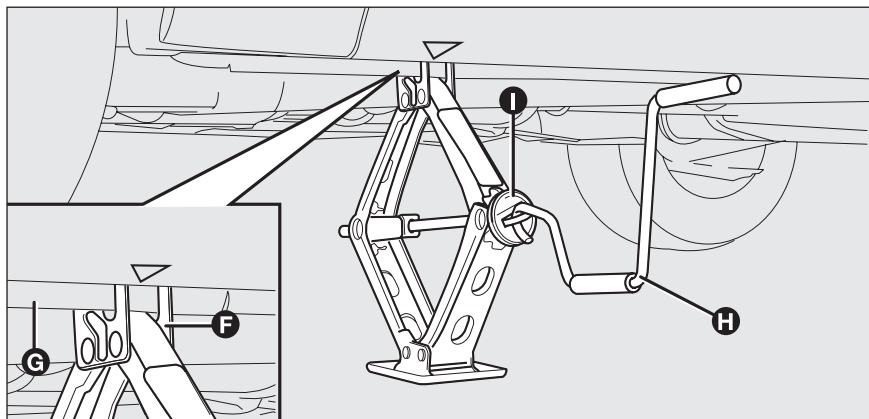


fig. 5

F0G0173m

- position the jack near the wheel to be repaired at the reference point ▼ on the side member;
- extend the jack until groove **F**-fig. 5 on the jack fits correctly into ridge **G** underneath the side member;
- alert other passengers that the car is about to be raised; all persons should be kept away from the car until it has been lowered;
- fit the handle **H** to operate the jack device **I** and raise the car until the wheel is a few centimetres from the ground. When turning the jack handle make sure that it can be used easily and take care not to scrape your hand against the ground. The moving parts of the jack (screw and joints) may also cause injury if touched. Clean off any grease;

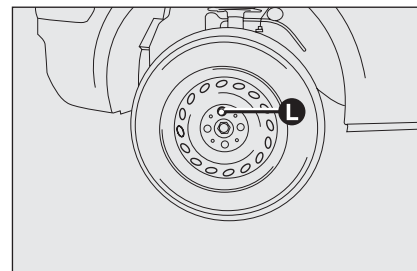


fig. 6

F0G0233m

- remove the wheel cap (where provided) after loosening the three fastening bolts then, loosen the fourth bolt **L**-fig. 6 and remove the wheel;
- make sure the contact surfaces between spare wheel and hub are clean so that the fastening bolts will not come loose;

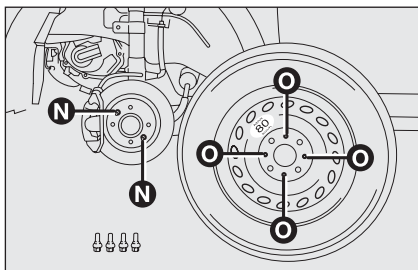


fig. 7

F0G0204m

- fit the spare wheel making pin **N**-fig. 7 coincide with one of the wheel holes **O**;
- fasten the four fastening bolts;
- turn the jack handle to lower the car and remove the jack;

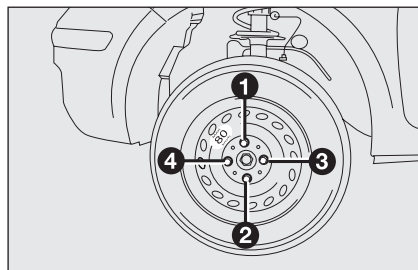


fig. 8

F0G0206m

- fasten bolts completely, working in a criss-cross fashion as shown in **fig. 8**.

REFITTING THE STANDARD WHEEL

- Following the above procedure, raise the car and remove the space saver wheel;
- make sure the contact surfaces between wheel and hub are clean so that the fastening bolts will not come loose;

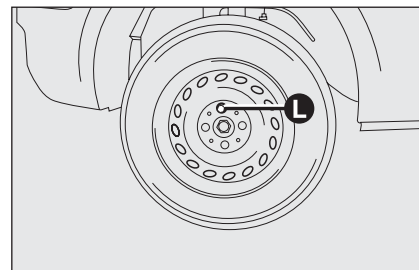


fig. 9

F0G0233m

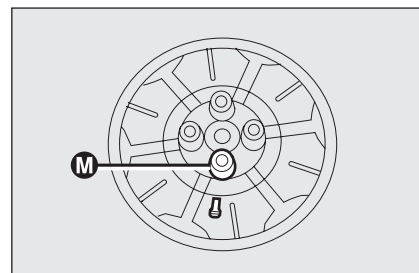



fig. 9/a

F0G0603m

- fit the standard wheel by inserting the first bolt **L**-fig. 9 in the hole next to the inflation valve;
- fit the wheel cap making the symbol  coincide with the inflation valve and the bolt previously fastened to the hole **M**-fig. 9/a;

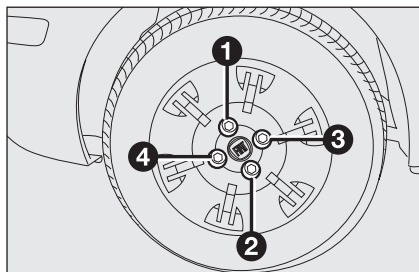


fig. 10

F0G0696m

- fasten the three other bolts with the wrench provided;
- lower the car and remove the jack;
- fasten bolts completely, working in a criss-cross fashion as shown in **fig. 10**.

When you have finished

- arrange the space-saver spare wheel **D-fig. 3** in the specific compartment in the boot;
- insert the partially open jack into the container **C** and force it slightly into its seat so that it does not vibrate when the car is moving;
- put the tools back into their places in the container;
- stow the container complete with tools on the spare wheel and secure everything with the clamping device **B**;
- correctly reposition the boot stiff cover.

IMPORTANT Do not use inner tubes with tubeless tyres. Check the inflation pressure of the tyres and the spare wheel regularly.

IMPORTANT You will need to change the set of bolts if you want to change the type of wheels fitted (alloy rims instead of steel rims, and vice versa). You will have to change the entire set of fastening bolts with another set of suitably sized bolts and adopt a specific spare wheel having different building characteristics.

You should keep the bolts and spare wheel in case you decide to use the original type of wheel later on.

QUICK TYRE REPAIR KIT - FIX & GO automatic

The quick tyre repair kit Fix & Go automatic is placed in the boot; the tool bag **fig. a**, is located under the driver's seat and it is fastened by means of "velcro" type adhesive.

The kit **fig. 1** includes:

- bottle **A** containing sealer and fitted with:
 - filling pipe **B**;
 - sticker **C** bearing the notice “max. 80 km/h”, to be placed in a position visible to the driver (on the instrument panel) after fixing the tyre;
- instruction brochure (see **fig. 2**), to be used for prompt and proper use of the quick repair kit and to be then handed to the personnel charged with handling the treated tyre;
- compressor **D-fig. 1** including gauge and connections;
- a pair of protection gloves located in the side space of the compressor;
- adapters for inflating different elements.

In the tool bag you also find the screwdriver, the tow ring and the jack.

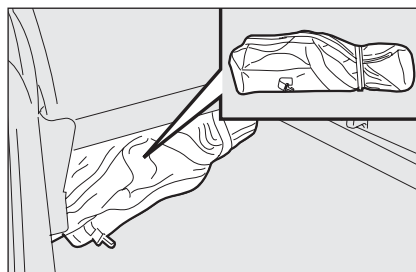


fig. a

F0G0607m

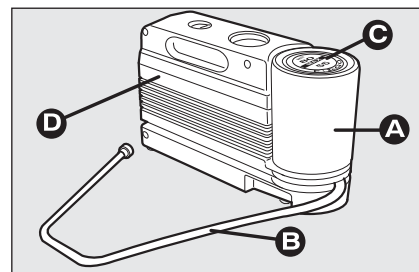


fig. 1

F0G0669m



WARNING

Hand the instruction brochure to the personnel charged with treating the tyre repaired with the kit.



In the event of a puncture caused by foreign bodies, it is possible to repair tyres showing damages on the track or shoulder up to max 4 mm diameter.



WARNING

Holes and damages on the tyre side walls cannot be repaired. Do not use the quick tyre repair kit if damaging is due to running with flat tyre.

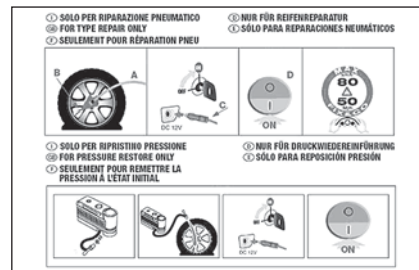


fig. 2

F0G0670m



WARNING

Repairs are not possible in case of damages on the wheel rim (bad groove distortion causing air loss). Do not remove foreign bodies (screws or nails) from the tyre.

IT SHOULD BE NOTICED THAT:

The sealing fluid of the quick tyre repair kit is effective with external temperatures between -20°C and $+50^{\circ}\text{C}$.

The sealing fluid has limited life.



WARNING

The compressor shall not be operated for more than 20 minutes. Risk of overheating!. Tyres repaired with the quick tyre repair kit shall be used temporarily only.



WARNING

The cylinder contains ethylene glycol. The cylinder contains latex: it can cause allergic reactions. It is harmful if ingested or inhaled and irritant for the eyes and in case of contact. In case of contact rinse immediately with water and take off contaminated clothes. If swallowed, do not induce vomit, rinse out the mouth, drink a lot of water and call the doctor immediately. Keep away from children. This product must not be used by asthmatics. Do not inhale vapours. Call the doctor immediately in case of allergic reactions. Keep the cylinder in the space provided for the purpose and far from heat. The sealing fluid has limited life.



Replace the cylinder if sealer has run out. Do not throw away the cylinder and the sealing fluid. Have the sealing fluid and the cylinder disposed of in compliance with national and local regulations.

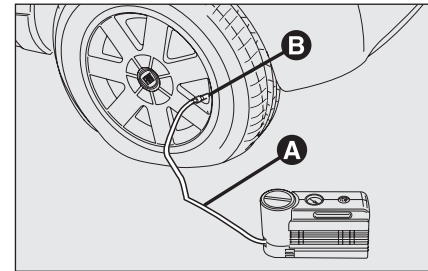


fig. 3

F0G0697m

INFLATING PROCEDURE



WARNING

Put on the protection gloves provided together with quick tyre repair kit.

- Pull up the handbrake.** Loosen tyre inflation valve cap, take out the filler hose **A**-fig. 3 and screw the ring nut **B** on the tyre valve;

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

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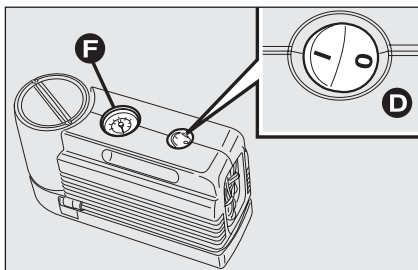


fig. 4

FOG0672m

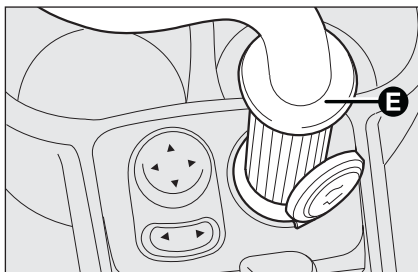


fig. 5

FOG0673m

- check that the compressor switch **D**-fig. 4 is set at 0 (off), start the engine, fit plug **E**-fig. 5 into the 12V outlet located on the central console and then turn the compressor on setting the switch **D**-fig. 4 in position **I** (on). Inflate the tyre at the pressure value specified in paragraph "Inflation pressure" in section "Technical Specifications"

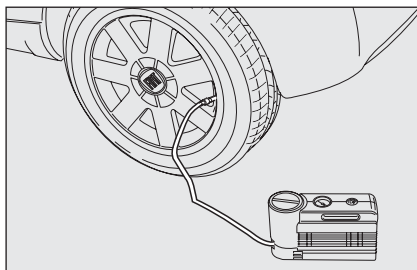


fig. 6

FOG0698m

Check tyre pressure on gauge **F**-fig. 4 with compressor off to obtain precise reading;

- if after 5 minutes it is still impossible to reach at least 1.5 bar, disengage compressor from valve and current outlet, then move the car forth for approx. ten metres in order to distribute the sealing fluid inside the tyre evenly, then repeat the inflation operation;
- If after this operation it is still impossible after 5 minutes to reach at least 1.8 bar, do not start driving since the tyre is excessively damaged and the quick tyre repair kit cannot guarantee suitable sealing, contact Fiat Dealership;

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

**WARNING**

Apply the sticker in a visible position for the driver to indicate that the tyre has been treated with the quick tyre repair kit. Drive carefully especially when cornering. Do not exceed 80 km/h. Avoid heavy braking and accelerating.

- after driving for about 10 minutes stop and check again the tyre pressure; **pull up the handbrake**;

**WARNING**

If the pressure falls below 1.8 bars, do not drive any further: the quick tyre repair kit Fix & Go automatic cannot guarantee proper hold because the tyre is too much damaged. Contact Fiat Dealership.

- if at least 1.8 bar pressure is read, restore proper pressure (with engine running and handbrake on) and restart;
- drive with the utmost care to the nearest Fiat Dealership.



WARNING

It is of vital importance to communicate that the tyre has been repaired using the quick tyre repair kit. Hand the instruction brochure to the personnel charged with treating the tyre repaired with the kit.

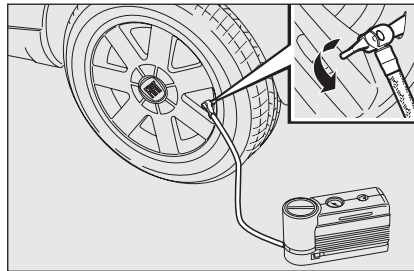


fig. 7

F0G0699m

FOR CHECKING AND RESTORING PRESSURE ONLY

The compressor can be also used just for restoring pressure. Release cylinder connection **A**-fig. 8 and connect it directly to the tyre valve **fig. 7**; in this way the cylinder is not connected to compressor and the sealing fluid will not flow into the tyre.

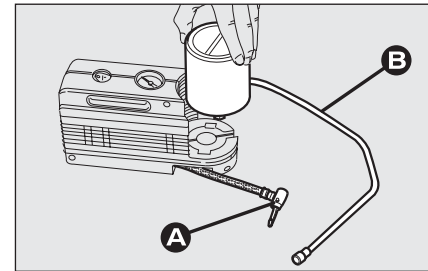


fig. 8

F0G0676m

CYLINDER REPLACEMENT PROCEDURE

To replace the cylinder proceed as follows:

- disconnect connection **A**-fig. 8;
- turn counter-clockwise the cylinder to replace and raise it;
- fit the new cylinder and turn it clockwise;
- connect connection **A** to the cylinder and fit the transparent tube **B** into the proper space.

WHEN NEEDING TO CHANGE A BULB

GENERAL INSTRUCTIONS

- Before changing a bulb check the contacts for oxidation;
- Burnt bulbs must be replaced by others of the same type and power;
- Always check headlight aiming after changing a bulb to ensure they are safe;
- When a light is not working, check that the corresponding fuse is intact before changing a bulb: for the location of fuses, refer to paragraph “If a fuse blows” in this section.



WARNING

Alterations or repairs to the electric system not carried out correctly and without taking into account the system specifications may cause failures and the risk of fire.



WARNING

Halogen bulbs contain pressurised gas, in the case of breakage they may burst.



Halogen bulbs must be handled touching only the metallic part. If the transparent bulb is touched with the fingers, its lighting intensity is reduced and life of the bulb may be compromised. If touched accidentally, rub the bulb with a cloth moistened with methylated spirit and allow to dry.



Where possible, it is advisable to have bulbs changed c/o Fiat at Dealership. The correct operation and aiming of the outer lights are vital to the safety of the car and its passengers and the subject of specific laws.

IMPORTANT The headlight inner surface might be slightly misted: this should not be considered irregular but a natural phenomenon due to low temperature and the air humidity level. Misting will disappear as soon as the headlights are turned on. Drops inside the headlight mean water infiltration: contact Fiat Dealership.

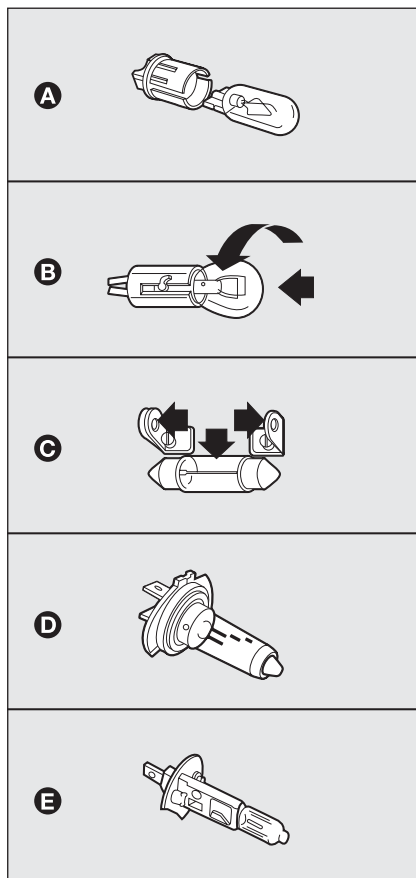


fig. 20

F0G0118m

TYPES OF BULBS fig. 20

Various types of bulbs are fitted to your car:

- A All glass bulbs:** these are pressed on. Pull to remove.
- B Bayonet type bulbs:** press the bulb, then counterclockwise to remove this type of bulb from its holder.
- C Tubular bulbs:** free them from their contacts to remove.
- D Halogen bulbs:** to remove the bulb, release the clip holding the bulb in place.
- E Halogen bulbs:** to remove the bulb, release the clip holding the bulb in place.

Bulbs	Type	Power	Ref. figure
Main beam	H4	60/55	D
Dipped beam	H4	60/55	D
Front side lights	W5W	5	A
Front direction indicators	PY21W	21	B
Side direction indicators	W5W	5	A
Rear direction indicators	PY21W	21	B
Stop/taillights	P21/5W	21/5	B
Reversing light	P21W	21	B
Rear fog lights	P21W	21	B
Ceiling light	C5W	5	C
Boot light	W5W	5	A
Number plate light	C5W	5	C
Fog lights	H1	55	E
Third 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”.

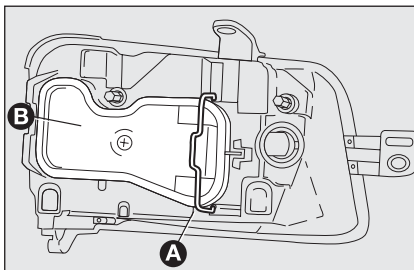


fig. 21

F0G0089m

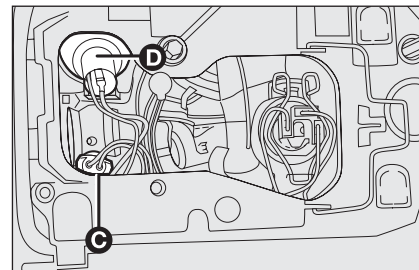


fig. 22

F0G0090m

FRONT LIGHT UNITS

To change the bulb, proceed as follows:

- release clip **A-fig. 21** and remove cap **B**;
- turn the bulb-holder **C-fig. 22** and remove it (it is pressure-fitted);
- remove the burnt bulb **E-fig. 23** and fit the new bulb;
- refit by reversing the above mentioned operations.

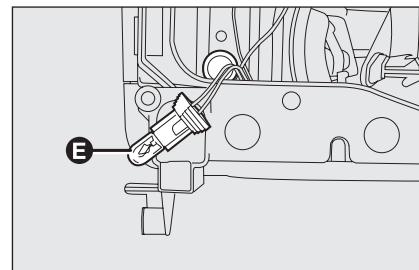


fig. 23

F0G0091m

To change the direction indicator bulb, proceed as follows:

- release clip **A-fig. 21** and remove cap **B**;
- turn the bulb-holder **D-fig. 22** and remove it (it is pressure-fitted);

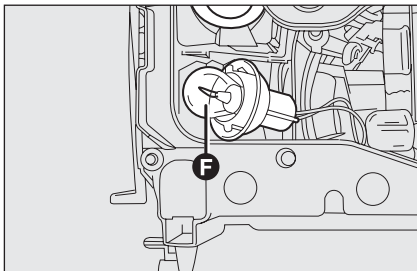


fig. 24

F0G0092m

- remove the burnt bulb **F-fig. 24** and fit the new bulb;
- refit by reversing the above mentioned operations.

To replace the main/dipped beam light bulb, proceed as follows:

- release clip **A-fig. 21** and remove cap **B**;

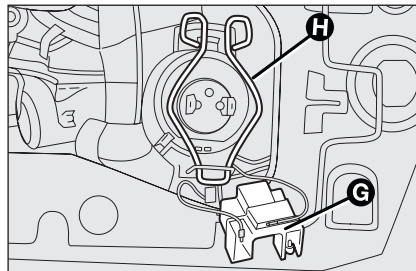


fig. 25

F0G0093m

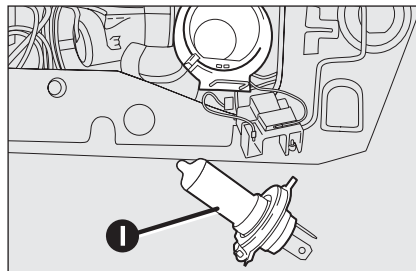


fig. 26

F0G0094m

- remove connector **G-fig. 25**;
- release the bulb holder catch **H**;
- remove the burnt bulb **I-fig. 26** and fit the new bulb;
- refit by reversing the above mentioned operations.

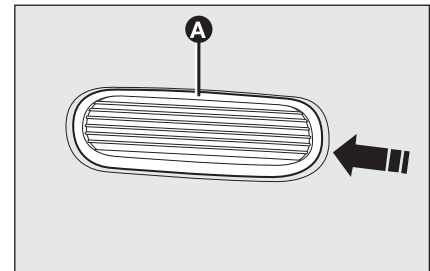


fig. 27

F0G0095m

SIDE DIRECTION INDICATORS

To change the bulb, proceed as follows:

- push the transparent cover **A-fig. 27** towards car running direction (it is pressure-fitted);

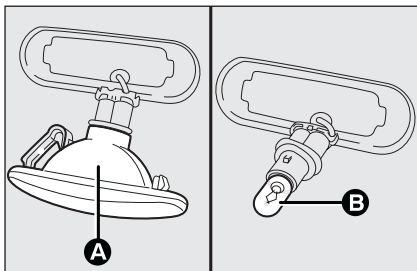


fig. 28

F0G0604m

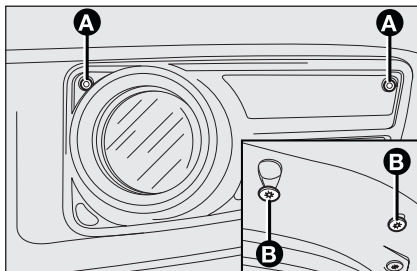


fig. 29

F0G0227m

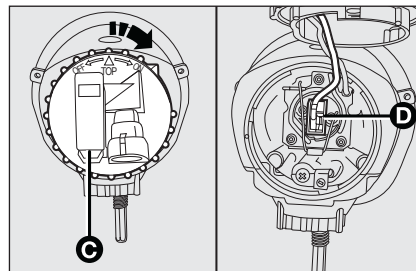


fig. 30

F0G0228m

- remove the transparent cover **A**-fig. 28 from bulb holder (it is pressure-fitted);
- remove the bulb **B** and replace it;
- refit the lens.

FRONT FOG LIGHTS (where provided)

To change the halogen bulb, proceed as follows:

- slacken the two fog light fastening screws **A**-fig. 29 on the bumper;
- slacken the two fog light fastening screws **B** under the bumper;
- remove the protection including the fog light and remove the connector;

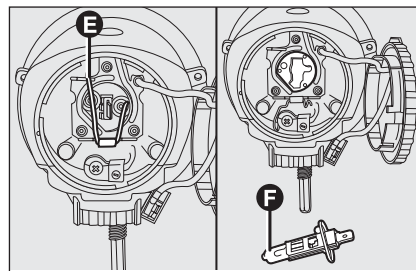


fig. 31

F0G0229m

- loosen cover **C**-fig. 30 and remove the connector **D**;
- release clip **E**-fig. 31 and remove the bulb **F**;
- refit by reversing the above mentioned operations.

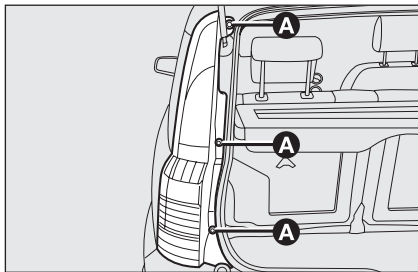


fig. 32

F0G0096m

REAR LIGHT UNIT

To change the bulb proceed as follows:

- slacken the three screws **A**-fig. 32 from their seats, pull gently outwards until releasing the whole headlight from the three clips (press-fitted) and release the connector;

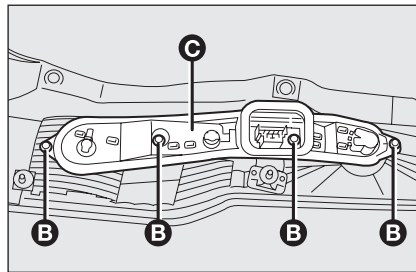


fig. 33

F0G0097m

- slacken the four screws **B**-fig. 33 from their seats;
- remove the bulb-holder **C**;
- remove the bulbs, pushing them slightly anti-clockwise;
- refit by reversing the above mentioned operations.

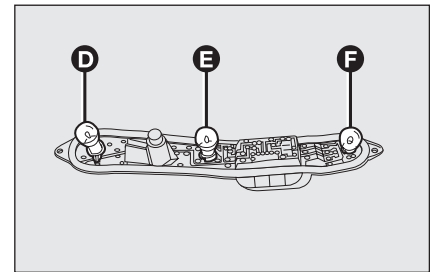


fig. 34

F0G0098m

Figure 34

- D** 12V-21W bulb for reversing light on right light unit;
- rear fog light on left light unit;
- on right hand drive versions, reversing light in the left rear light cluster and in the rear fog lamp in the right rear light cluster;
- E** 12V-21W bulb for direction indicators;
- F** 12V-21/5W double-light bulb for stop light and taillights;

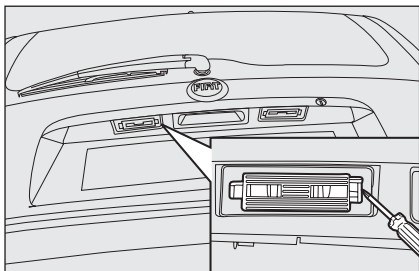


fig. 35

F0G0099m

Number plate light

To change the bulb, proceed as follows:

- use a screwdriver to remove the retaining spring as shown in **fig. 35**;

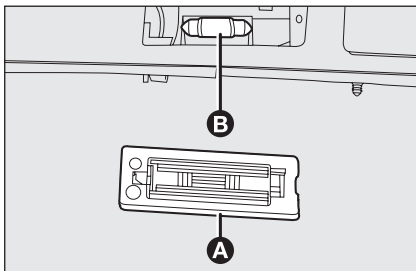


fig. 36

F0G0100m

- remove the transparent **A-fig. 36** and the bulb **B** from the bulb holder;
- change the 12V-5W bulb pressure-fitted in the bulb holder;
- refit the lens.

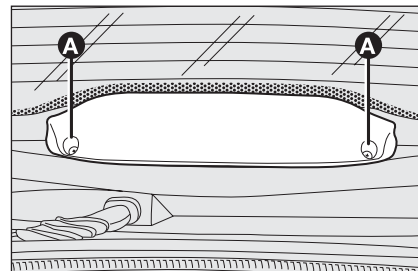


fig. 37

F0G0101m

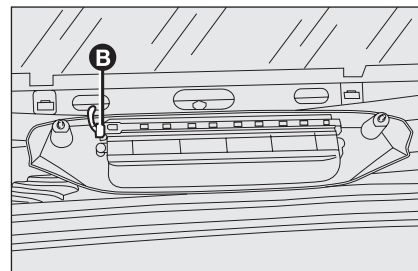


fig. 38

F0G0210m

THIRD STOP LIGHT

To change the bulb, proceed as follows:

- slacken the two screws **A-fig. 37** and remove the whole cover;
- disconnect connector **B-fig. 38** and remove the light unit;

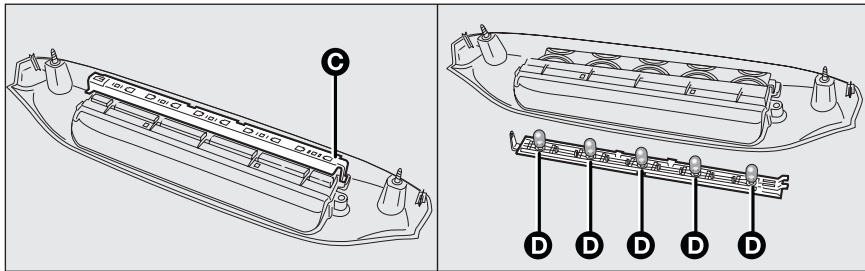


fig. 39

F0G0211m

- release clip **C**-fig. 39 and remove the light unit from the lens unit;
- replace the pressure-fitted burnt out bulb **D**;
- refit by reversing the above mentioned operations.

IF AN INTERIOR LIGHT BURNS OUT

For the type of bulb and power rating, see “When needing to change a bulb”.

CEILING LIGHT

To change the bulb, proceed as follows:

- insert the screwdriver supplied with the car in the point shown by the arrow and remove the ceiling light **A**-fig. 40;

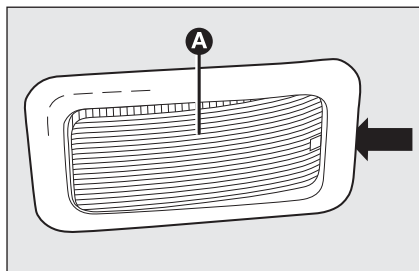


fig. 40

F0G0193m

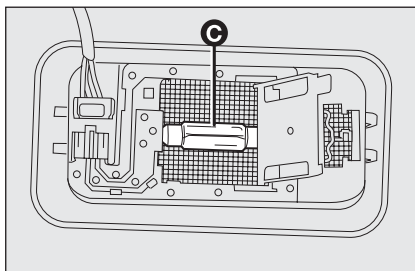


fig. 42

F0G0214m

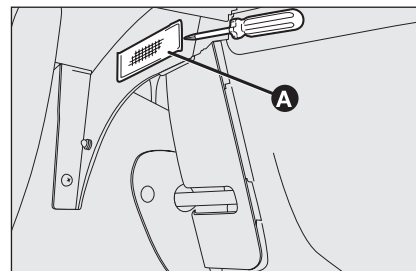


fig. 43

F0G0102m

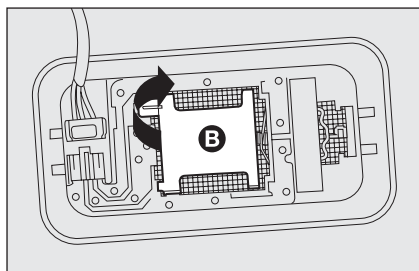


fig. 41

F0G0213m

- open cover **B**-fig. 41 as shown;

- replace the bulb **C**-fig. 42 releasing the side contacts, insert the new bulb and make sure that it is correctly clamped between the contacts;
- close the cover and refit the transparent.

BOOT LIGHT (where provided)

To change the bulb, proceed as follows:

- open the tailgate;
- insert the screwdriver supplied with the car in the point shown by the arrow and remove the ceiling light **A**-fig. 43.

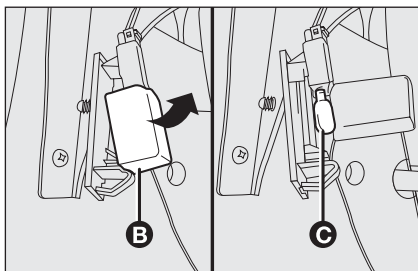


fig. 44

FOG0103m

- open the bulb cover **B**-fig. 44 and replace the pressure-fitted bulb **C**;
- refit the cover **B** on the transparent;
- refit correctly the light pressing one side and then the other until the locking click is heard.

IF A FUSE BLOWS

GENERAL fig. 45

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.

When a device does not work, check the efficiency of its fuse: the conductor element **A** must be intact. If not, replace the fuse with one of the same amp rating (same colour).

B undamaged fuse.

C fuse with damaged filament.

To facilitate fuse replacement, use the pliers **D** hooked to the fusebox on the instrument panel left-hand side.

Refer to the tables on the following pages to identify the protection fuse.



WARNING

If a fuse blows again, contact a Fiat Dealership.

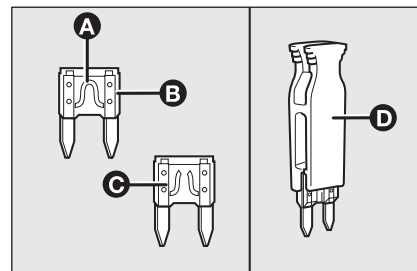


fig. 45

FOG0087m



Never replace a fuse with metal wires or anything else.



WARNING

Never replace a fuse with another with a higher amp rating; DANGER OF FIRE.



WARNING

If a general fuse (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE) cuts in, do not attempt any repair and contact a Fiat Dealership.



WARNING

Before replacing a fuse, make sure the ignition key has been removed and that all the other services are switched off and/or disengaged.

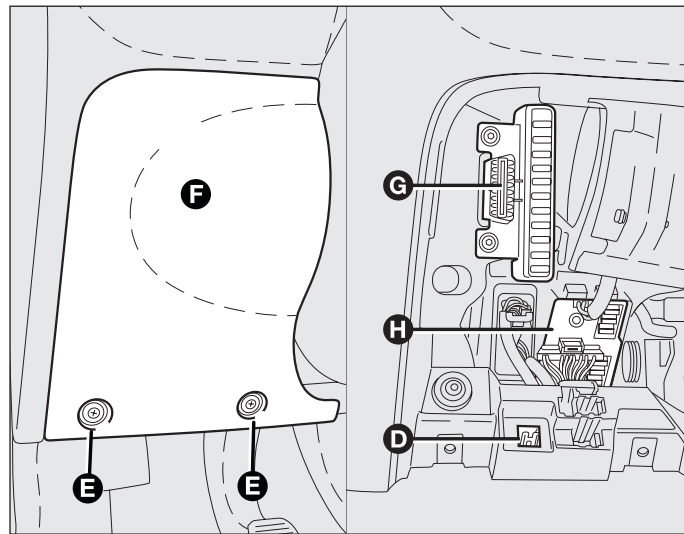


fig. 46

FOG0260m

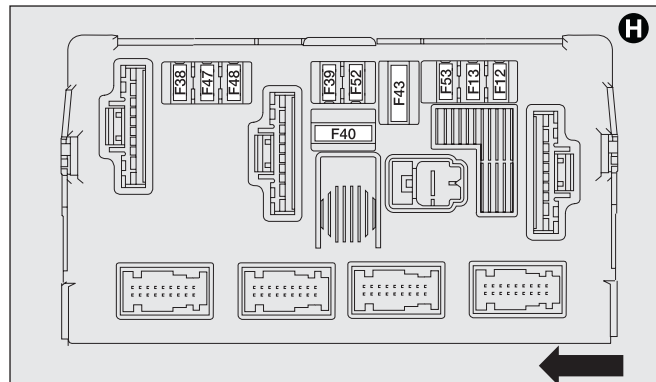
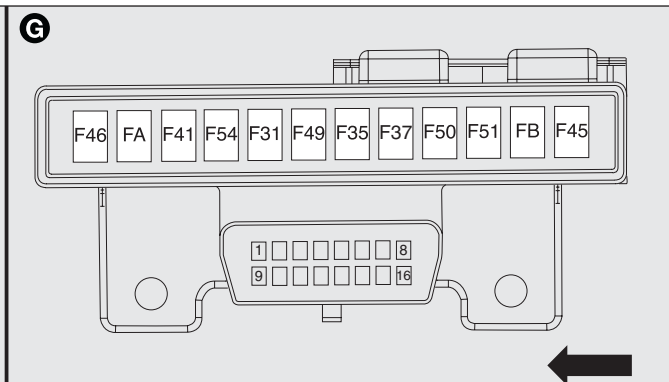


fig. 47



FOG0139m

FUSE LOCATION

The fusebox is on the steering wheel left-hand side **fig. 46** and **47**.

To gain access to the fusebox, slacken the cover **F** fastening screw **E**.

G wired control unit.

H Body-computer control unit.

D fuse extracting pliers.

The number identifying the electrical component corresponding to each fuse is on the cover back.

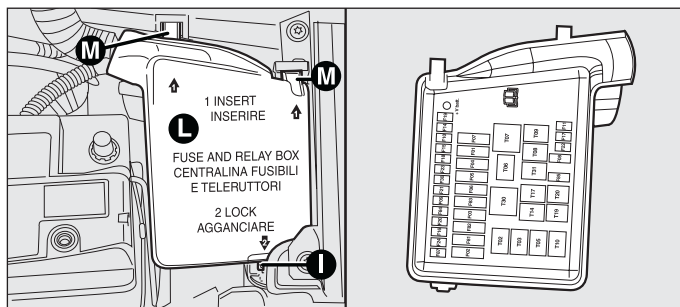


fig. 48

F0G0652m

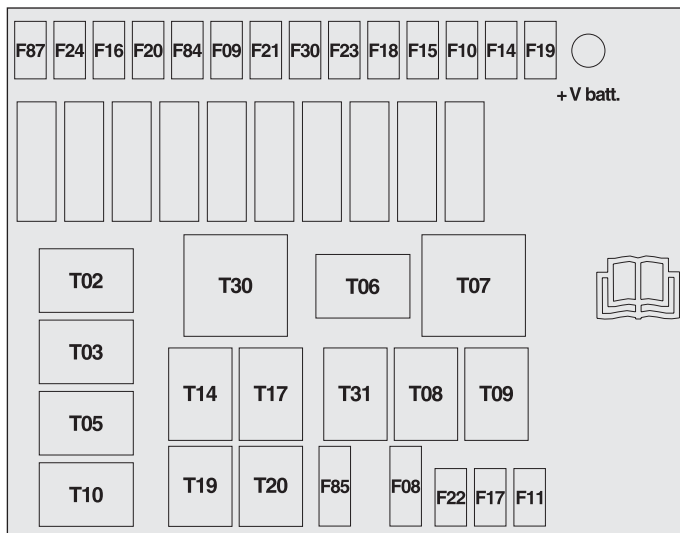


fig. 49

F0G0704m

Fuses in the engine compartment fig. 48 and 49

A second fuse unit is located on the right side of the engine compartment, next to the battery, to reach it release spring **I**, free tabs **M** and remove lid **L**.

The number identifying the electrical component corresponding to each fuse and relays is on the cover back.

FUSE SUMMARY TABLE

Passenger's compartment fusebox - fig. 47

	FUSE	AMPERE
Reversing light	F31	5
+15 radio	F35	7.5
Central dashboard	F35	7.5
+15 stop light	F37	10
Door mirrors defroster	F41	7.5
Heated seats (pre-arrangements)	F45	15
Electric sunroof	F46	15
Automatic climate control system	F49	7.5
Tyre pressure	F49	7.5
Sensor for water presence in the gas oil filter	F49	7.5
+15 air bag control unit	F50	7.5
+15 Body-computer control unit	F51	5
+15 instrument panel	F51	5
Subwoofer	F54	15
Free	FA	–
Free	FB	–
Right dipped beam headlight	F12	7.5
Left dipped beam headlight	F13	7.5
To adjust the headlight slant	F13	7.5
+ 30 door locking device	F38	20
EOBD diagnosis socket	F39	10
Radio	F39	10
Automatic climate control system	F39	10
Tyre pressure	F39	10

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Passenger's compartment fusebox - fig. 47

	FUSE	AMPERE
Telephone	F39	10
Body-computer control unit	F39	10
Heated rear window	F40	30
Windscreen wiper/washer	F43	30
Windscreen/rear window washer pump	F53	15
Front left power window	F47	20
Front right power window	F48	20
Rear window wiper	F52	15

Engine compartment fusebox - fig. 49

	FUSE	AMPERE
Ai conditioner electric fan	F8	30
Headlight washer	F9	20
Horn	F10	15
Secondary services and tachymeter generator	F11	15
Upper beam	F14	15
Trailer unit	F15	15
Electronic injection system and Dualogic transmission unit supply	F16	7.5
Electronic injection primary services	F17	10
Engine control node	F18	7.5

Engine compartment fusebox - fig. 49

	FUSE	AMPERE
Air conditioner compressor	F19	7.5
Fuse available	F20	–
Fuel pump supply (Multijet version)	F21	15
Electronic injection primary services	F22	20
Braking node valves and ABS	F23	20
Electric power steering	F24	10
Fog lights	F30	15
Dualogic transmission unit	F84	15
Cigarette lighter/current socket	F85	20
ABS and stop light control	F87	7.5

Engine compartment unit - fig. 49

	RELAY	AMPERE
Upper beam relay	T02	20
Horn relay	T03	20
Compressor relay	T05	20
Engine cooling electric fan relay (low speed)	T06	30
Engine cooling electric fan relay (high speed)	T07	50
Air conditioner electric fan relay	T08	30
Injection system main relay	T09	30
Fuel pump relay (Multijet version)	T10	20
Fog light relay	T14	20
Headlight washer relay	T17	20
Pump disconnection teleswitch	T19	10/20
Star-up inhibiting relay	T20	30
Dualogic transmission pump relay	T30	50
Cigarette/current socket relay	T31	30

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IF THE BATTERY IS FLAT

IMPORTANT Battery recharging procedure is given as information only. This operation shall be only performed at a Fiat Dealership.

Charging should be slow at a low amp rating for 24 hours. Charging for a longer time may damage the battery.

Charge the battery as follows:

- disconnect battery negative terminal;
- connect the charger cables to the battery terminals, observing the poles;

- turn on the charger;
- when you have finished, turn the charger off before disconnecting the battery;
- reconnect battery negative terminal.



WARNING

The liquid contained in the battery is poisonous and corrosive. Avoid contact with the skin or eyes. The battery should be charged in a well ventilated place, away from naked flames or possible sources of sparks: danger of explosion and fire.



WARNING

Do not attempt to charge a frozen battery: it must first be thawed, otherwise it may burst. If freezing has occurred, the battery should be checked by skilled personnel to make sure that the internal elements are not damaged and that the body is not cracked, with the risk of leaking poisonous and corrosive acid.

JACKING THE CAR

If the car needs to be jacked up, go to a Fiat Dealership which is equipped with shop jacks and jack arms.

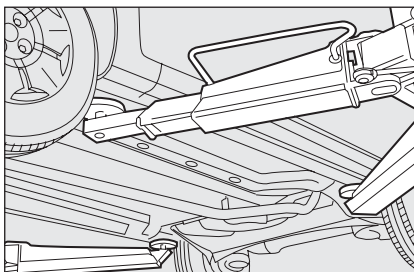


fig. 50

F0G0215m

Jack up the car only by positioning the jack arms or the shop jack in the points shown in **fig. 50**.

TOWING THE CAR

The tow ring provided with the car is housed in the tool box under the boot mat.

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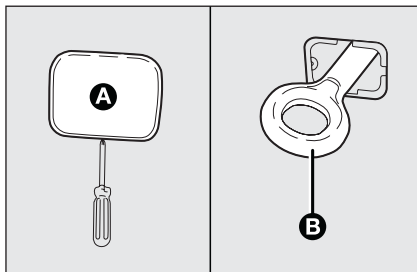


fig. 51

F0G0217m

TOW RING HOOKING fig. 51

Proceed as follows:

- release the cap **A**;
- take the tow hook **B** from the tool support;
- tighten the ring on the rear or front threaded pin.



WARNING

Before starting to tow, turn the ignition key to MAR and then to STOP. Do not remove the key. If the key is removed, the steering lock engages automatically resulting in the impossibility to steer the wheels.



WARNING

When towing, remember that without the help of the servobrake and power steering, a greater effort is required on the pedal and steering wheel. Do not use flexible cables for towing and avoid jerks. During towing operations make sure that fastening the joint to the car does not damage the components in contact with it. When towing the car, you must comply with the specific traffic regulations regarding the tow ring and how to tow on the road.



WARNING

Do not start the engine when towing the car.

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SCHEDULED SERVICING

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

This is why Fiat has programmed a series of checks and maintenance operations every 20,000 km.

It is however important to remember that scheduled servicing does not completely cover all the car's requirements- also in the initial period before 20,000 km service coupon and later, between one coupon and another, ordinary care is still required such as for example routine check and topping up the level of fluids, tyre pressure check, etc...

IMPORTANT The Programmed Maintenance coupons are specified by the Manufacturer- The failure to have them carried out may invalidate the warranty.

Scheduled Servicing is performed by all Fiat Dealership, at pre-established times.

If during each operation, in addition to the ones programmed, the need arises for further replacements or repairs, these may be carried out only with the explicit agreement of the Customer.

IMPORTANT You are advised to contact Fiat Dealership in the event of any minor operating faults, without waiting for the next service coupon.

If your car is used frequently for towing, the interval between one service coupon and the other must be reduced.

SERVICE SCHEDULE

These coupons are to be carried out every 20,000 km

Thousands of km	20	40	60	80	100	120	140	160	180
Check tyre conditions/wear and adjust pressure if required	●	●	●	●	●	●	●	●	●
Check lighting system operation (headlights, direction indicators, hazard lights, boot lights, warning lights, etc.)	●	●	●	●	●	●	●	●	●
Check windscreen wiper/washer operation, adjust nozzles	●	●	●	●	●	●	●	●	●
Check windscreen/rear window blade position/wear	●	●	●	●	●	●	●	●	●
Check front disk brake pad conditions and wear	●	●	●	●	●	●	●	●	●
Check rear drum brake linings and wear			●			●			●
Sight 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 adjust accessory drive belts (excluding engines with automatic belt tighteners)	●								
Sight inspect accessory drive belt conditions		●		●		●		●	
Check and adjust tappet clearance (petrol versions)		●		●		●		●	
Check and adjust handbrake lever stroke		●		●		●		●	
Check antievaporation system (petrol versions)				●				●	

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	Thousands of km	20	40	60	80	100	120	140	160	180
DASHBOARD AND CONTROLS	Replace air cleaner cartridge (every 30,000 km for 1.3 Multijet engine)			●			●			●
SAFETY DEVICES	Top up fluids (engine coolant, brakes, windscreen washer, battery, etc.)	●	●	●	●	●	●	●	●	●
CORRECT USE OF THE CAR	Check timing belt conditions (excluding 1.3 Multijet engine)			●						●
WARNING LIGHTS AND MESSAGES	Replace timing belt (*) (excluding 1.3 Multijet engine)						●			
	Change spark plugs (petrol versions)		●		●		●		●	
	Check engine control system operation (through diagnosis socket)		●		●		●		●	
	Check mechanical transmission oil level				●				●	
	Change engine oil and oil filter (petrol versions)	●	●	●	●	●	●	●	●	●
IN AN EMERGENCY	Change engine oil and oil filter (Multijet version with DPF) (**)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)
	Change brake fluid (or every 2 years)			●			●			●
CAR MAINTENANCE	Change pollen filter (or every year)	●	●	●	●	●	●	●	●	●
	Check exhaust emissions/smoke (1.3 Multijet engine)		●		●		●		●	
	Replace fuel filter cartridge (Green-filter) (1.3 Multijet engine)			●			●			●

(*) Or every 4 years for particularly demanding use (cold climates, driving in the city idling for a long time)
Or every 5 years, regardless of the km covered

(**) Engine oil and oil filter shall be changed when the corresponding warning light turns on (see section “Warning lights and Messages”), or in any case every 2 years.

ANNUAL INSPECTION SCHEDULE

For cars with an annual mileage of below 20,000 Km (for example about 15,000 Km) the following yearly inspection programme is advised:

- Check tyre conditions/wear and adjust pressure if required (including the spare wheel);
- check lighting system operation (headlights, direction indicators, hazard lights, boot lights, passenger compartment lights, glovebox light, warning lights, etc.);
- check windscreen wiper/washer operation, adjust nozzle;
- check windscreen/rear window blade position/wear;
- check front disk brake pad conditions and wear;
- check cleanness of locks, bonnet and boot and lever cleanness and lubrication;

- sight inspect the conditions of: engine, gearbox, transmission, pipes and hoses (exhaust - fuel - brakes) rubber parts (boots - sleeves - bushes etc.), fuel and brake system hoses;
- check battery charge;
- visual check on various drive belt conditions;
- top up fluid levels (engine coolant, brakes, windscreen washer, battery, etc.);
- change engine oil;
- change engine oil filter;
- change pollen filter (where provided).

ADDITIONAL CHECKS

Every 1,000 km or before long journeys, check and top up if required:

- engine coolant fluid level;
- brake fluid level;
- battery fluid level;
- windscreen washer fluid level;
- tyre pressure and conditions.

Every 3,000 km check and top up if required:

- engine oil level.

You are recommended to use FL Selenia products designed and produced specifically for Fiat cars (see table “Capacities” in section “Technical specifications”).

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IMPORTANT - Engine oil

Should prevailing use of the car be under one of the following specially heavy conditions:

- trailer or caravan towing;
- dusty roads;
- short distances (less than 7- 8 km) repeated and with external temperatures below zero;
- frequently idling engines or long distance low speed driving (e.g. taxis or door-to-door deliveries) or in case of a long term inactivity;

replace engine oil more frequently than required on "Service Schedule".

IMPORTANT - Diesel filter

The possibility of topping up with diesel fuel not complying with EN590 European Norm might make it necessary to replace the filter more frequently than indicated in the "Service Schedule".

IMPORTANT - Air cleaner

If the car is used on dusty roads change the air cleaner more frequently than the indications in the "Service schedule". If in doubt as to how often the engine oil and air cleaner should be changed according to how you use the car, contact a Fiat Dealership.

IMPORTANT - Pollen filter

If the car is used frequently in dusty or heavily polluted environments it is advisable to replace the filtering element more frequently; in particular it should be replaced if a reduction of the amount of air admitted to the passenger compartment is noted.

IMPORTANT - Battery

The charge in the battery should be checked at the start of winter to limit the risk of electrolyte freezing.

This check should be carried out more frequently if the car is used mainly for short trips, or if it is fitted with accessories that permanently absorb electricity even with the ignition key removed, especially in the case of after market accessories. If the car is used in hot climates or particularly harsh conditions it is wise to check the level of the battery fluid (electrolyte) more frequently than specified in the "Service schedule".



Car maintenance should be entrusted to Fiat Dealership. For routine and minor maintenance operations you wish to carry out yourself, always make sure you have the proper equipment, genuine Fiat spare parts and the necessary fluids; do not however carry out these operations if you have no experience.

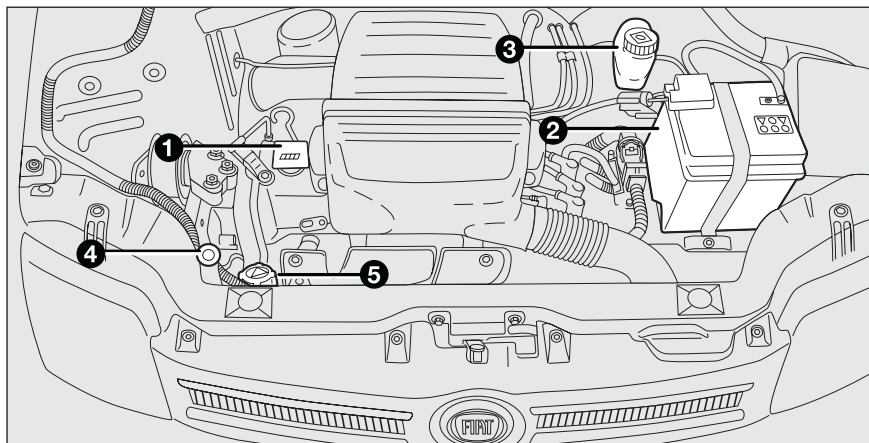


fig. 1

F0G0700m

CHECKING FLUID LEVELS



WARNING

Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.



Be careful, when topping up take care not to confuse the various types of fluids: they are all incompatible with one another and could seriously damage the car.

Version 1.1 and 1.2
(with heater) fig. 1

1. Engine oil
2. Battery
3. Brake fluid
4. Windscreen washer fluid
5. Engine coolant.

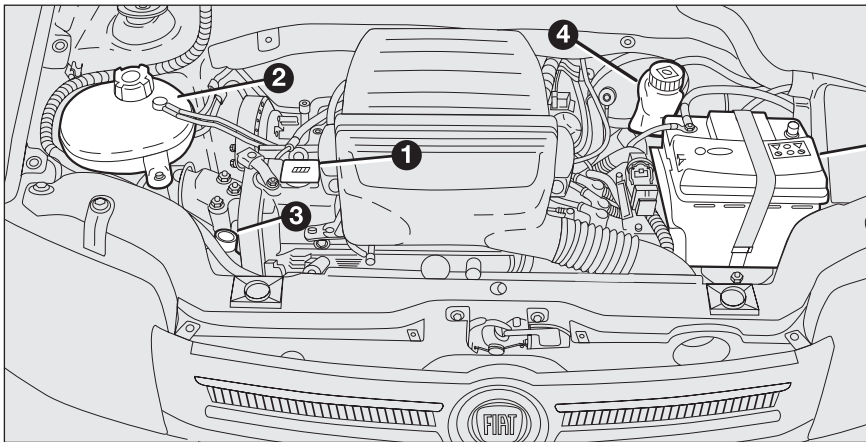


fig. 2

F0G0701m

Version 1.1 and 1.2 (with air conditioning system) fig. 2

1. Engine oil
2. Engine coolant
3. Windscreen washer fluid
4. Brake fluid
5. Battery.

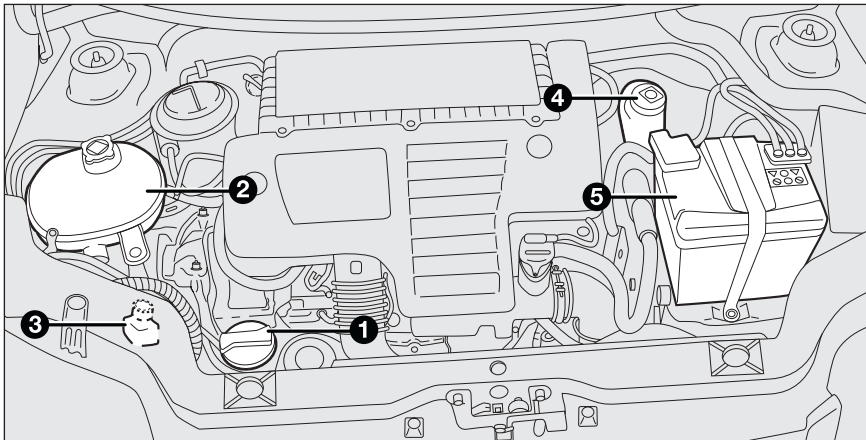


fig. 3

F0G0261m

Version 1.3 Multijet - fig. 3

1. Engine oil
2. Engine coolant
3. Windscreen washer fluid
4. Brake fluid
5. Battery.

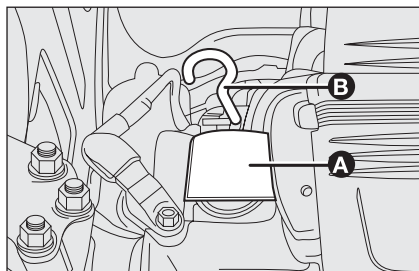


fig. 4 - Version 1.1

FOG0184m

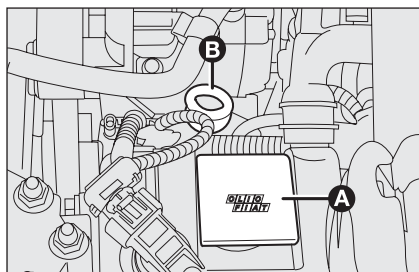


fig. 5 - Version 1.2

FOG0106m

ENGINE OIL fig. 4, 5 and 6

Check the oil level a few minutes (about 5) after the engine has stopped, with the car parked on level ground.

Check the level is within the MIN and MAX marks on the dipstick **B**.

The interval between the MIN and MAX marks corresponds to about one litre of oil.

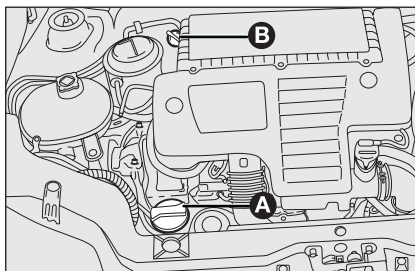


fig. 6 - Version 1.3 Multijet

FOG0262m

If the oil level is near or even below the MIN mark, add oil through the filler neck **A**, until reaching the MAX mark.

Oil level shall never exceed the MAX mark.

ENGINE OIL CONSUMPTION

Max engine oil consumption is usually 400 grams every 1000 km.

When the car is new, the engine needs to run in, therefore the engine oil consumption can only be considered stabilised after the first 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

When the engine is hot, take care when working inside the engine compartment to avoid burns. Remember that when the engine is hot, fan may cut in: danger of injury. Scarves, ties and other loose clothing might be pulled by moving parts.



Do not add oil with specifications other than that already in the engine.



Used engine oil and filter contain harmful substances for the environment. Contact Fiat Dealership to have the oil and filter changed, as they are equipped to dispose of the waste oil and filters respecting the nature and the law.

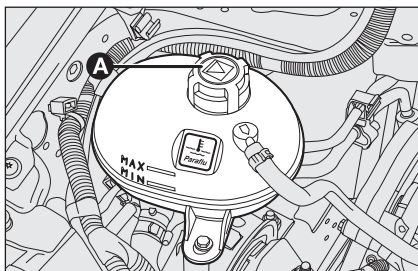


fig. 7 - 1.1 and 1.2 with air conditioning system - 1.3 Multijet
FOG0107m

ENGINE COOLANT fig. 7 and 8

The coolant level shall be checked with cold engine and shall be within the MIN and MAX marks on the tank.

If the level is low, pour slowly a mixture of 50% distilled water and 50% PARAFLO UP of the FL Selenia Group through the filler neck **A** until the level reaches MAX.

A 50-50 mixture of PARAFLO UP and distilled water gives freeze protection to -35°C .

For particularly hard climate conditions, we recommend use of a 60% Paraflo UP and 40% demineralized water mixture.

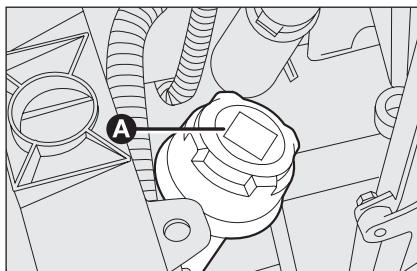


fig. 8 - 1.1 and 1.2 with heater
FOG0182m



The engine cooling system uses protective antifreeze fluid PARAFLO UP. Use the same fluid type as that already in the cooling system when topping up. PARAFLO UP fluid cannot be mixed with any other type of fluid. Should it happen, under no circumstances start the engine; contact a Fiat Dealership.



WARNING

The cooling system is pressurised. If necessary, replace the cap only with another genuine one, otherwise system efficiency could be compromised. Do not remove the reservoir cap when the engine is hot: you risk scalding yourself.

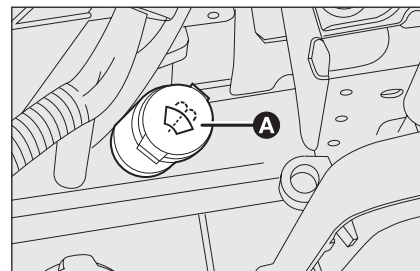


fig. 9
FOG0183m

WINDSCREEN/REAR WINDOW WASHER FLUID fig. 9

To top up, remove the cap **A**.

Pour a mixture of water and TUTELA PROFESSIONAL SC35, in the following concentrations:

30% TUTELA PROFESSIONAL SC35 and 70% water in summer.

50% TUTELA PROFESSIONAL SC35 and 50% water in winter.

In case of temperatures below -20°C , use undiluted TUTELA PROFESSIONAL SC35 fluid.

Check level through the reservoir.



WARNING

Do not travel with the windscreen washer reservoir empty: the windscreen washer is fundamental for improving visibility.



WARNING

Certain commercial additives for windscreen washers are inflammable. The engine compartment contains hot components which may set it on fire.

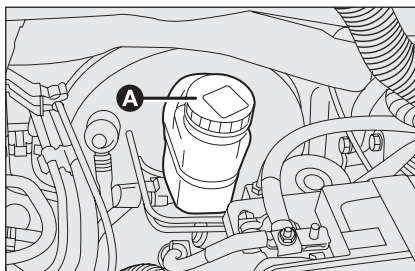


fig. 10

F0G0109m

BRAKE FLUID fig. 10

Unscrew cap **A**: check that the fluid level in the reservoir is at maximum.

Fluid level in the reservoir shall not exceed the **MAX** mark.

If fluid has to be added, it is suggested to use the brake fluid in table "Fluids and lubricants" (see chapter "Technical characteristics").

NOTE Clean accurately the tank cap **A** and the surrounding surface.

At plug opening, pay maximum attention in order to prevent any impurities from entering the tank.

For topping up, always use a funnel with integrated filter with mesh equal to or lower than 0.12 mm.

IMPORTANT Brake fluid absorbs moisture, for this reason, if the 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 it happen, immediately wash with water.



WARNING

Brake fluid is poisonous and highly corrosive. In the event of accidental contact, wash the parts involved immediately with neutral soap and water, then rinse thoroughly. Call the doctor immediately if the fluid is swallowed.



WARNING

The symbol © on the container indicates synthetic brake fluid, distinguishing it from the mineral kind. Using mineral fluids irreversibly damages the special braking system rubber seals.



WARNING

Brake fluid is poisonous and highly corrosive. In the event of accidental contact, wash the parts involved immediately with neutral soap and water, then rinse thoroughly. Call the doctor immediately if the fluid is swallowed.



WARNING

The symbol © on the container indicates synthetic brake fluid, distinguishing it from the mineral kind. Using mineral fluids irreversibly damages the special braking system rubber seals.

AIR FILTER

REPLACEMENT (petrol versions) fig. 11 and 12

Release the clips **A**, remove the cover front side **B** and extract the filtering element **C** to be replaced.

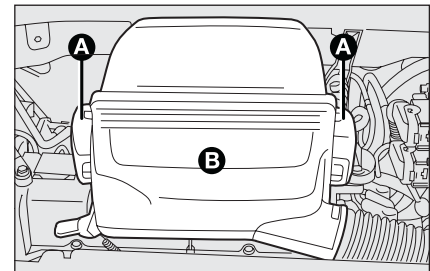


fig. 11

F0G0134m

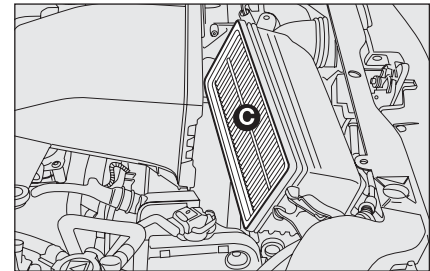


fig. 12

F0G0135m

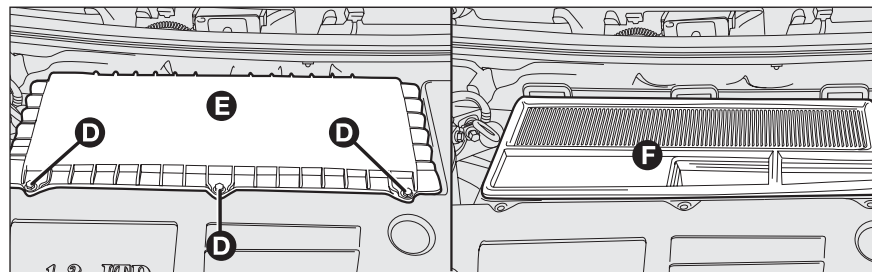


fig. 13

F0G0263m

REPLACEMENT (Diesel versions) fig. 13

Slacken screws **D**, remove the cover **E** and extract the filtering element **F** to be replaced.

POLLEN FILTER

Pollen filter replacement shall be carried out at a Fiat Dealership.

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BATTERY

The car fits a low-maintenance battery: no top-ups with distilled water are needed in normal conditions of use.

INSPECTING THE CHARGE AND THE ELECTROLYTE LEVEL

Inspection operations must be carried out by specialised personnel, following the prescriptions contained in the Use and maintenance booklet. Any top-up operations must be carried out by specialised personnel and by Fiat Dealership.



WARNING

Battery liquid is poisonous and corrosive. Avoid contact with the skin and eyes. Keep naked flames and sources of sparks away from the battery: risk of explosion and fire.



WARNING

Running the battery with an excessively low liquid level will damage the battery beyond repair and even cause an explosion.

CHANGING THE BATTERY

If required, replace the battery with a genuine spare part having the same specifications.

If a battery with different specifications is fitted, the service intervals given in the “Service schedule” in this section will no longer be valid.

Refer therefore to the instructions provided by the battery manufacturer.



Incorrect assembly of electric and electronic devices may cause severe damage to your car. Go to a Fiat Dealership if you want to install accessories (alarms, mobile phone, etc.): they will suggest the most suitable devices and advise you if a higher capacity battery needs to be installed.



Batteries contain substances that can be very dangerous for the environment. It is advisable to have the battery changed by a Fiat Dealership where it will be disposed of according to the law.



WARNING

If the vehicle must remain unused for a long time at very low temperature, remove the battery and carry it to a warm place, to avoid freezing.



WARNING

When you must perform any operation on the battery or near it, always protect your eyes with the special goggles.

USEFUL ADVICE FOR LENGTHENING THE LIFE OF YOUR BATTERY

To avoid draining your battery and lengthen its life, observe the following indications:

- when you park the car, ensure the doors, tailgate and bonnet are closed properly;
- switch off all lights inside the car: the car is however equipped with a system which switches all internal lights off automatically;
- do not keep accessories (e.g. sound system, hazard lights, etc.) switched on for a long time when the engine is not running;
- before performing any operation on the electrical system, disconnect the battery negative cable;
- battery terminals shall always be perfectly tightened.

IMPORTANT If the charge level remains for a long time under 50%, the battery is damaged by sulphation, reducing its capacity and starting attitude.

The battery will also be more at risk of freezing (e.g. already at -10°C). Refer to the paragraph "Car inactivity" in "Starting and driving" if the car is left parked for a long time.

If after buying the car, you want to install electric accessories which require permanent electric supply (alarm, etc.) contact Fiat Dealership whose qualified personnel, in addition to suggesting the most suitable devices, will evaluate the overall electric absorption, checking whether the car's electric system is capable of withstanding the load required, or whether it should be integrated with a more powerful battery.

Since these devices continue absorbing energy even when the ignition key is off, they gradually run down the battery.

WHEELS AND TYRES

Check the pressure of each tyre, including the spare, every two weeks and before long journeys: the pressure should be checked with the tyre rested and cold.

For the correct tyre inflation pressure, see “Wheels” in “Technical specifications” section.

Incorrect pressure causes abnormal tyre wear **fig. 15**:

- A** normal pressure: tread evenly worn.
- B** low pressure: tread particularly worn at the edges.
- C** high pressure: tread particularly worn in the centre.

Tyres must be replaced when the tread wears down to 1,6 mm. In any case, comply with the laws in the country where the car is being driven.

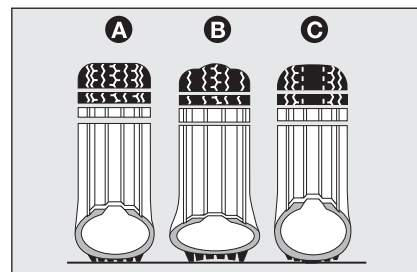


fig. 15

F0G0112m

IMPORTANT NOTES

- As far as possible, avoid sharp braking and screech starts etc. Be careful not to hit the kerb, potholes or other obstacles hard. Driving for long stretches over bumpy roads can damage the tyres;
- periodically check that the tyres have no cuts in the side wall, abnormal swelling or irregular tyre wear. If any of these occur, have the car seen to at a Fiat Dealership;
- avoid overloading the car when travelling: this may cause serious damage to the 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;

- ❑ tyres age even if they are not used much. Cracks in the tread rubber are a sign of ageing. In any case, if the tyres have been on the car for over 6 years, they should be checked by specialised personnel, to see if they can still be used. Also remember to check the spare wheel;
- ❑ In the case of replacement, always fit new tyres, avoiding those of dubious origin;
- ❑ If a tyre is changed, also change the inflation valve;
- ❑ to allow even wear between the front and rear tyres, it is advisable to change them over every 10-15 thousand kilometres, keeping them on the same side of the car so as not to reverse the direction of rotation.



WARNING

Remember that road holding depends also on the correct tyre inflating pressure.



WARNING

If the pressure is too low the tyre overheats and this can cause it serious damage.



WARNING

Do not cross switch the tyres, moving them from the right of the car to the left and vice versa.



WARNING

Never submit alloy rims to repainting treatments requiring to use temperatures exceeding 150°C. The mechanical properties of the wheels could be impaired.

RUBBER HOSES

As far as the brake system and fuel rubber hoses are concerned, carefully follow the “Service schedule” in this section.

Indeed ozone, high temperatures and prolonged lack of fluid in the system may cause hardening and cracking of the hoses, with possible leaks. Careful control is therefore necessary.

WINDSCREEN/ REAR WINDOW WIPERS

BLADES

Periodically clean the rubber part using special products; TUTELA PROFESSIONAL SC 35 is recommended.

If the rubber blades are bent or worn they should be replaced. In any case they should be changed once a year.

A few simple notions can reduce the possibility of damage to the blades:

- if the temperature falls below zero, make sure that ice has not frozen the rubber against glass. If necessary, thaw using an antifreeze product;
- remove any snow from the glass: in addition to protecting the blades, this prevents effort on the motor and overheating;
- do not operate the windscreen and rear window wipers on dry glass.



WARNING

Driving with worn wiper blades is a serious hazard, because visibility is reduced in bad weather.

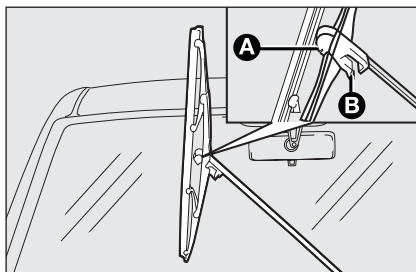


fig. 16

F0G0218m

Changing the windscreen wiper blades fig. 16

Proceed as follows:

- raise the windscreen wiper arm **A** and position the blade so that it forms an angle of 90° with the arm;
- press tab **B** of the coupling spring and remove the blade to be replaced from the arm **A**;
- fit the new blade by inserting the tab into the special slot in the arm. Make sure it is properly locked into place.

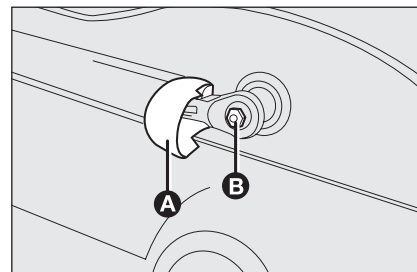


fig. 17

F0G0077m

Changing the rear window blade fig. 17

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.

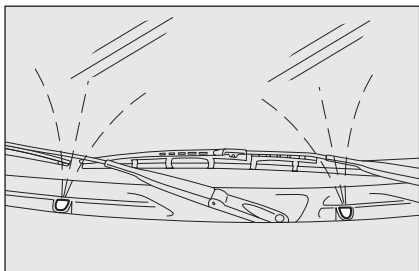


fig. 18

FOG0116m

SPRAY NOZZLES

Windscreen wiper fig. 18

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.

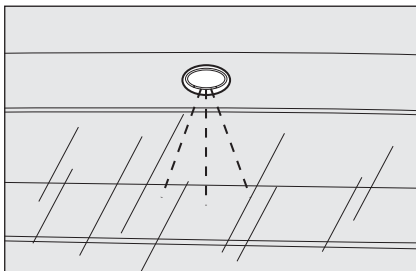


fig. 19

FOG0117m

Rear window wiper fig. 19

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 vehicles.

On your Fiat Panda, Fiat implemented the best manufacturing technologies to effectively protect the bodywork against corrosion.

These include:

- Painting products and systems which give the car particular resistance to corrosion and abrasion;
- Use of galvanised (or pretreated) steel sheets, with high resistance to corrosion;
- Spraying 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 Fiat Panda is covered by warranty against perforation due to rust of any original element of the structure or body.

For the general terms of this warranty, refer to Fiat Warranty Booklet.

ADVICE FOR PRESERVING THE BODYWORK

Paint

Paintwork does not only serve an aesthetic purpose, but also protects the underlying sheet metal.

In the case of deep scrapes or scores, you are advised to have the necessary touching up carried out immediately to avoid the formation of rust. For touching up use only original products (see “Bodywork paint identification plate” in section “Technical specifications”).

Normal paint maintenance consists in washing at intervals depending on the conditions and environment of use. For example, in highly polluted areas, or if the roads are sprayed with salt, it is wise to wash the car more frequently.

To correctly wash the car:

- remove the aerial from the roof to prevent damage to it if the car is washed in an automatic system;
- wash the body using a low pressure jet of water;
- wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing with the sponge;
- rinse well with water and dry with a jet of air or a chamois leather.

When drying, take particular care with the less visible parts like door surrounds, bonnet and around the headlights where water may stagnate. The car should not be taken to a closed area immediately, but left in the open so that residual water can evaporate.

Do not wash the car after it has been left in the sun or with the bonnet hot: this may alter the shine of the paintwork.

Exterior plastic parts must be cleaned in the same way as the rest of the 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. Therefore the engine compartment 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 rearscreen 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 the winter the engine compartment should be carefully washed, without directing the jet against electronic control units. Contact a specialised workshop to have this done.

IMPORTANT The car should be washed with the engine cold and the ignition key at **STOP**. After washing make sure that the various protections (e.g. rubber caps and various covers) have not been damaged or removed.

Front headlights

IMPORTANT Never use aromatic substances (e.g.: petrol) or ketones (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 like oil ether or rectified petrol for cleaning car interiors. Electrostatic discharges generated by rubbing during cleaning operations could cause fire.



WARNING

Do not keep aerosol cans in the car: they might explode. Aerosol cans must never be exposed to a temperature above 50° C. The temperature inside the car exposed to the sun may go well beyond that figure.

CLEANING SEATS AND FABRIC AND VELVET PARTS

Use a soft brush or vacuum cleaner to remove dust. Velvet is cleaned better if the brush is moistened.

Rub the seats with a sponge moistened with a solution of water and neutral detergent.

INTERIOR PLASTIC PARTS

For routine cleaning of interior plastic parts use a soft cloth moistened with water and neutral soap. Remove grease or persisting stains using appropriate solvent-free products designed to preserve appearance and colour of plastic components.

IMPORTANT Never use spirit or petroleum to clean the instrument panel.

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IDENTIFICATION DATA

You are advised to note the identification codes. The identification data stamped and given on the plates and their position are the following **fig. 1**:

- 1 Model plate.
- 2 Chassis marking.
- 3 Bodywork paint identification plate.
- 4 Engine marking.

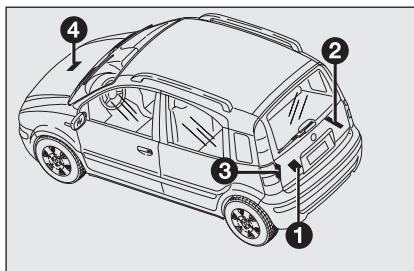


fig. 1

F0G0219m

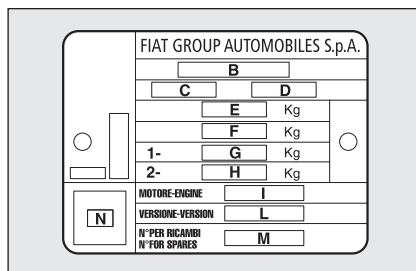


fig. 2

F0G0702m

MODEL PLATE fig. 2

The plate is to be found on the left side of the boot floor and it bears the following identification data:

- B** Homologation number.
- C** Vehicle type code.
- D** Chassis number.

- E** Maximum vehicle weight fully loaded.
- F** Maximum vehicle weight fully loaded with trailer.
- G** Maximum vehicle weight on front axle.
- H** Maximum vehicle weight on rear axle.
- I** Engine type.
- L** Body version code.
- M** Spare part code.
- N** Smoke opacity index (for diesel engines).

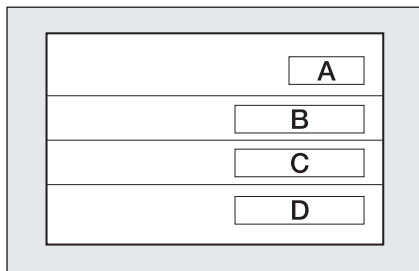


fig. 3

F0G0114m

BODYWORK PAINT IDENTIFICATION PLATE fig. 3

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.

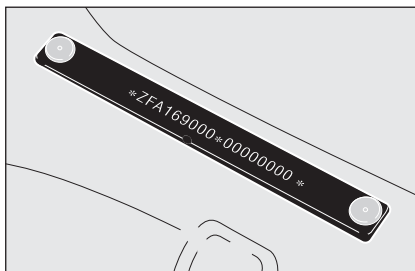


fig. 4

F0G0220m

CHASSIS MARKING fig. 4

The plate is to be found on the right side of the boot floor and it bears the following identification data:

- car model (ZFA 169000);
- chassis number.

ENGINE MARKING

Engine marking is stamped on the cylinder block and includes the model and the chassis number.

ENGINE CODES - BODYWORK VERSIONS

Versions	Engine code	Body version
I.1 Actual - Active (4-seat - euro 3) (5-seat - euro 3) (4-seat - euro 4) (5-seat - euro 4)	187A1000	169AXA1A 00 169AXA1A 00B 169AXA1A 00C 169AXA1A 00D
I.2 Dynamic - Emotion (4-seat - euro 3) (5-seat - euro 3) (4-seat - euro 4) (5-seat - euro 4) (*) Ecopack (4-seat - euro 4) (5-seat - euro 4)	188A4000	169AXB1A 01 169AXB1A 01B 169AXB1A 01C 169AXB1A 01D 169AXB1A 01E 169AXB1A 01F
I.3 Multijet 70HP Dynamic - Emotion (4-seat - euro 4) (5-seat - euro 4)	188A8000	169AXC1A 03 169AXC1A 03B
I.3 Multijet 75HP Dynamic - Emotion (4 posti - euro 4) (5 posti - euro 4)	169A1000	169AXD1A 06 (□) 169AXD1A 06B (□)

(□) Version with DPF

(*) Extended ratios to reduce CO₂ emissions

ENGINE

GENERAL INFORMATION		I.1	I.2	I.3 Multijet 70HP	I.3 Multijet 75HP
Engine code		187A1000	188A4000	188A8000	169A1000
Cycle		Otto	Otto	Diesel	Diesel
Number and layout of cylinders		4 in line	4 in line	4 in line	4 in line
Piston bore and stroke	mm	70 x 72	70.8 x 78.86	69.6 x 82	69.6 x 82
Total displacement	cm ³	1108	1242	1248	1248
Compression ratio		9.6 : 1	9.8 : 1	18 : 1	17.6 : 1
Maximum power (EEC)	kW	40	44	51	55
	HP	54	60	70	75
corresponding ratio	rpm	5000	5000	4000	4000
Maximum torque (EEC)	Nm	88	102	145	145
	kgm	9.0	10.4	14.8	14.8
corresponding ratio	rpm	2750	2500	1500	1500
Spark plugs		NGK DCPR7E-N-10 BOSCH YR7DEU	NGK DCPR7E-N-10 BOSCH YR7DEU	–	–
Fuel		Unleaded petrol 95 R.O.N.	Unleaded petrol 95 R.O.N.	Diesel fuel for motor vehicles (Specification EN 590)	Diesel fuel for motor vehicles (Specification EN 590)

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FUEL FEED/IGNITION

	I.1 - I.2	I.3 Multijet
Fuel feed	Multipoint sequential phased electronic injection, returnless system	Direct injection with electronically controlled Multijet "Common Rail", turbo and intercooler



WARNING

Modifications or repairs to the fuel feed system that are not carried out properly or do not take the system's technical specifications into account can cause malfunctions leading to the risk of fire.

TRANSMISSION

	I.1 - I.2 - I.3 Multijet
Gearbox	Five forward gears and reverse with synchromesh for forward gear engagement
Clutch	Self-adjusting pedal without idle stroke
Drive	Front

BRAKES

1.1 - 1.2 - 1.3 Multijet

Service brakes:

- front disc (self-ventilating for 1.3 Multijet engine)
- rear drum, self-centering shoes with control cylinder for each wheel

Parking brake

controlled by hand lever, it works on rear brakes

IMPORTANT Water, ice and antifreeze salt on roads may deposit on the brake discs thus reducing braking efficiency at first braking.

SUSPENSIONS

1.1 - 1.2 - 1.3 Multijet

Front

Mc Pherson independent wheels, mechanical cross member, shock absorbers and helical springs; stabiliser bar for versions with electric power steering.

Rear

twisting axle with interconnected wheels; twisting axle and two tubular arms with shock absorbers and helical springs.

STEERING

1.1 - 1.2 - 1.3 Multijet

Type

rack and pinion with electric power steering (where provided)

Minimum steering cycle

m

9.1

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WHEELS

RIMS AND TYRES

Pressed steel or alloy rims. Tubeless tyres with radial carcass. The homologated tyres are listed in the Log book.

IMPORTANT In the event of discrepancies between the information provided on this “Owner handbook” and the “Log book”, consider the specifications shown in the log book only.

Attaining to the prescribed size, to ensure safety of the car in movement, it must be fitted with tyres of the same make and type on all wheels.

IMPORTANT Do not use inner tubes with Tubeless tyres.

SPACE-SAVER SPARE WHEEL

Pressed steel rim. Tubeless tyre.

WHEEL GEOMETRY

Front wheel toe-in measured from rim to rim: 0 ± 1 mm

The values refer to the car in running order.

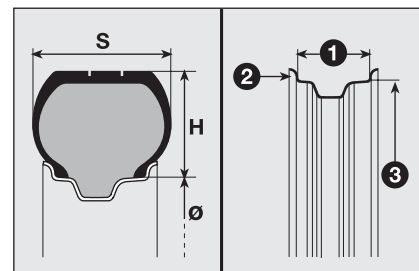


fig. 5

FOG0111m

UNDERSTANDING TYRE MARKING fig. 5

Example: 155/80 R 13 79T

155 = Nominal width (S, distance between sidewalls in mm).

80 = Percentage height/width ratio (H/S).

R = Radial tyre.

13 = Rim diameter in inches (Ø).

79 = Load rating.

T = Maximum speed rating.

Maximum speed rating

Q = up to 160 km/h.

R = up to 170 km/h.

S = up to 180 km/h.

T = up to 190 km/h.

U = up to 200 km/h.

H = up to 210 km/h.

V = up to 240 km/h.

Maximum speed 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

70 = 335 kg

71 = 345 kg

72 = 355 kg

73 = 365 kg

74 = 375 kg

75 = 387 kg

76 = 400 kg

77 = 412 kg

78 = 425 kg

79 = 437 kg

80 = 450 kg

81 = 462 kg

82 = 475 kg

83 = 487 kg

84 = 500 kg

85 = 515 kg

86 = 530 kg

87 = 545 kg

88 = 560 kg

89 = 580 kg

90 = 600 kg

91 = 615 kg

UNDERSTANDING RIM MARKING fig. 5

Example: 5,00 B x 13 H2

5,00 = rim width in inches **1**.

B = rim drop centre outline (side projection where the tyre bead rests)
2.

13 = rim nominal diameter in inches (corresponds to diameter of the tyre to be mounted) **3** = Ø.

H2 = “hump” shape and number (relief on the circumference holding the Tubeless tyre bead on the rim).

Version	Rim	Standard tyre	Snow tyre	Optional tyre	Space-saverspare wheel Rim	Space-saverspare wheel Tyre
Actual Active Dynamic	5,00 B x 13 H2 (steel)	155/80 R 13 79T	155/80 R 13 79T M+S	165/65 R 14 79T (only for Dynamic versions)	4,50 B 13 H	S135/80 B13 82M 135/80 R13 82P
Emotion	5J x 14 H2 (alloy)	165/65 R 14 79T	165/65 R 14 79T M+S			

COLD TYRE INFLATION PRESSURE (bar)

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm.

Recheck pressure value with cold tyres.

Versions	Tyre	Medium load		Full load		Space-saverspare wheel
		Front	Rear	Front	Rear	
Petrol	155/80 R 13 79T	2.0	1.8	2.2	2.2	2.8
	165/65 R 14 79T	2.0	1.8	2.2	2.2	
Multijet	155/80 R 13 79T	2.2	1.8	2.3	2.2	
	165/65 R 14 79T	2.2	1.8	2.3	2.2	
Snow tyres	155/80 R 13 79T M+S	2.0	1.8	2.2	2.2	2.8
	165/65 R 14 79T M+S	2.0	1.8	2.2	2.2	

DIMENSIONS

Dimensions are expressed in mm and refer to the car fitted with standard tyres.

The height refers to the car unladen.

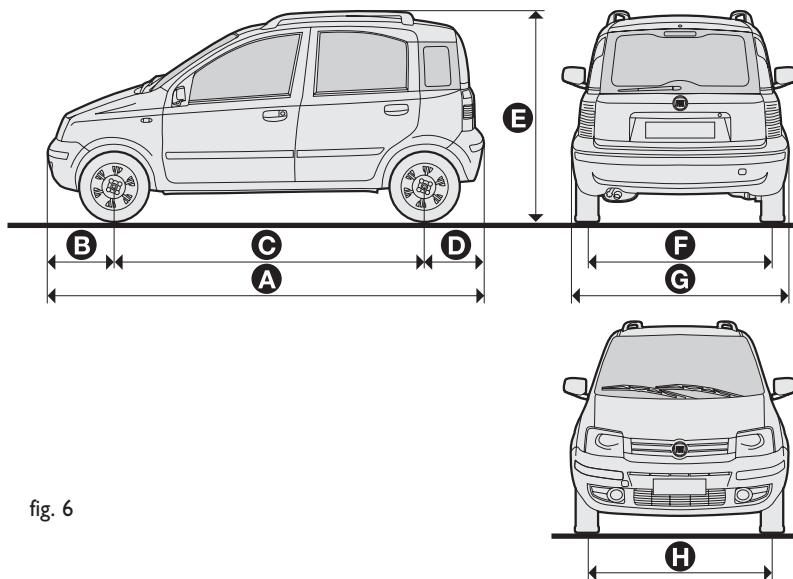


fig. 6

F0G0703m

Versions	A	B	C	D	E	F	G	H
Saloon	3538	713	2299	526	1578 (**)	1357 (*)	1578	1366 (*)

(*) Track measurements may vary according to rim size.

(**) Without longitudinal bars mm. 1540

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BOOT VOLUMEUnladen boot volume (V.D.A. Standards) in dm³

	Single and double rear seat	Rear sliding seat
Under rear parcel shelf with rear seat in normal position	206	176 (*) / 235 (**)
At waist edge with rear seat back rest folded	490	416
Max. to roof with rear seat back rest folded	860	786
Max. to roof with rear seat back rest folded (with sunroof)	815	741

(*) With seat completely backward

(**) With seat completely forward

PERFORMANCE

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

1.1	Actual	150
	Active	150
1.2	Dynamic	155
	Emotion	155
1.3 Multijet 70CV	Dynamic	160
	Emotion	160
1.3 Multijet 75CV	Dynamic	165
	Emotion	165

WEIGHTS

Weights (kg)	1.1	1.2	1.3 Multijet
Weight empty (including fluids, 90% fuel in the tank and no optional)	840	860	935
Payload (*) including the driver:	415	445	445
Maximum admitted loads (**)			
– front axle:	730	730	750
– rear axle:	640	660	660
– total:	1255	1305	1380
Towable loads			
– trailer with brakes:	800	800	900
– trailer without brakes:	350	400	400
Maximum load on roof (***):	50	50	50
Maximum load on tow hitch (trailer with brakes):	60	60	60

(*) If special equipment is fitted (sunroof, tow hitch, etc.) the unladen car weight increases, thus reducing the specified payload.

(**) Loads not be exceeded. The driver is responsible for arranging the loads in the boot and/or on the roof so that they comply with these limits.

(***) Lineaccessori Fiat roof rack, max capacity: 50 kg.

CAPACITIES

		1.1	1.2	1.3 Multijet	Specified fuels and recommended products
Fuel tank:	litres	35	35	35 (▲)	Unleaded petrol with no less than 95 R.O.N. (▲) Diesel fuel for motor vehicles (Specification EN590)
	including a reserve of: litres	5	5	5 (▲)	
Engine cooling system:					Mixture of distilled water and PARAFU UP at 50% (□)
	litres	4.6	4.6	4.6	
Engine sump:	litres	3.1	2.5	2.5 (●)	SELENIA 20K (●) SELENIA WR
Engine sump and filter:	litres	3.5	2.8	2.8 (●)	
Gearbox/differential casing:					TUTELA CAR ZC 75 SYNTH
	litres	1.65	1.65	1.65	
Hydraulic brake circuit:					TUTELA TOP 4
- with ABS	kg	0.55	0.55	0.55	
- without ABS	kg	0.40	0.40	0.40	
Windscreen and rear window washer fluid reservoir:	litres	1.8	1.8	1.8	Mixture of water and TUTELA PROFESSIONAL SC 35

(□) For particularly hard climate conditions, we recommend use of a 60% Parafu UP and 40% demineralized water mixture.

FLUIDS AND LUBRICANTS

RECOMMENDED PRODUCTS AND THEIR SPECIFICATIONS

Use	Fluid and lubricant specifications for correct car operation	Original fluids and lubricants	Change
Oils for petrol engines	Synthetic-based oils, grade SAE 10W-40, that pass ACEA A3 and API SL specifications.	SELENIA 20K	According to Service Schedule
Oils for diesel engines (1.3 Multijet versions)	Synthetic-based oils, grade SAE 5W-40, that pass ACEA B4, API CF and FIAT 9.55535- M2 specifications.	SELENIA WR	According to Service Schedule

For regular operation of Multijet versions with DPF, use only original oil. In an emergency (lacking the original product) only top up with max. 0,5 l and then drive immediately to the nearest Fiat Dealership.

If using non original SAE 5W-40 products, oils with minimum ACEA A3 specifications for petrol engines and ACEA B4 specifications for Diesel engines are admitted; in this event top engine performance is not guaranteed.

Use of products with low-quality properties than ACEA A3 and ACEA B4 could cause damages to the engine that are not covered by the warranty.

For very cold climate conditions, ask Fiat Dealership for the appropriate **Selenia** product to use.

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Use	Fluid and lubricant specifications for correct car operation	Recommended fluids and lubricants	Applications
Lubricants and greases for transmission	Synthetic oil SAE 75W- 80 EP, that passes API GL5, MIL - L - 2105 D LEV specifications.	TUTELA CAR ZC 75 SYNTH	Mechanical gearbox and differential
	Molibdenum organic disulphide, lithium soap based grease. N.L.G.I. 2 consistency	TUTELA STAR 500	CV joints on wheel side
	Lithium soap based grease. N.L.G.I.O. consistency	TUTELA MRM ZERO	CV joints on differential side
Brake fluids	Synthetic fluid FMVSS no. 116 DOT 4, ISO 4925 SAE J1704, CUNA NC 956- 01	TUTELA TOP 4	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 NC 956-16, ASTM D 3306 specifications	PARAFU UP (*)	Radiator antifreeze proportion: 50% distilled water and 50% PARAFU UP (□)
Windscreen/ rear window washer fluid	Mixture of alcohol, water and surfactants CUNA NC 956-II	TUTELA PROFESSIONAL SC 35	To be used diluted or undiluted in windscreen/rear window washer/wiper systems
Diesel fuel additive	Additive for diesel fuels with protective action for Diesel engines	DIESEL MIX	To be mixed with the fuel oil (25 cc per 10 litres)

(*) IMPORTANT Do not top up or mix with fluids having characteristics different from those specified.

(□) For particularly hard climate conditions, we recommend use of a 60% Parafu UP and 40% demineralized water mixture.

FUEL CONSUMPTION

The fuel consumption figures given in the table below are determined on the basis of the homologation tests set down by specific European Directives.

The procedures below are followed for measuring consumption:

- urban cycle: cold starting followed by driving that simulates urban use of the car;

- extra-urban cycle: frequent accelerating in all gears, simulating extraurban use of the car: speed varies between 0 and 120 km/h;

- combined consumption: is calculated weighing about 37% of urban cycle consumption and about 63% of extraurban consumption.

IMPORTANT The type of route, traffic situations, weather conditions, driving style, general conditions of the car, trim level/equipment/accessories, load, climate control system, roof rack, other situations that affect air drag may lead to different fuel consumption levels than those measured.

Fuel consumption according to 1999/100/EC Directive (litres x 100 km)

Versions	Urban	Extra-urban	Combined
I.1			
Actual - Active	7.2	4.8	5.7
I.2			
Dynamic - Emotion	7.1	4.8	5.6
(*) Ecopack	7.0	4.6	5.5
I.3 Multijet 70HP			
Dynamic - Emotion	5.4	3.7	4.3
I.3 Multijet 75HP			
Dynamic - Emotion	5.3	3.7	4.3

(*) Extended ratios to reduce CO₂ emissions

CO₂ EMISSIONS

The CO₂ emission levels at the exhaust given in the following tables refer to combined consumption.

Versions

CO₂ emissions
according to 1999/100/CE Directive (g/km)

1.1

Actual - Active

135

1.2

Dynamic - Emotion

133

(*) Ecopack

129

1.3 Multijet 70HP

Dynamic - Emotion

114

1.3 Multijet 75HP

Dynamic - Emotion

113

(*) Extended ratios to reduce CO₂ emissions

RADIO FREQUENCY REMOTE CONTROL

Conformity certifications to EC and national requirements

EC and Countries applying these Directives



Czech Republic

Slovak Republic

Poland

CLBT/C/120/2003 – CLBT/C/121/2003

South Africa

TA-2003/050 – TA-2003/049

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

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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

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For further information on Selenia products visit the web site www.fliselenia.com.

COLD TYRE INFLATION PRESSURE (bar)

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm.

In any case, check the correct value again when the tyres are cold.

Versions	Tyre	Medium load		Full load		Space-saverspare wheel
		Front	Rear	Front	Rear	
Petrol	155/80 R 13 79T	2.0	1.8	2.2	2.2	2.8
	165/65 R 14 79T (*)	2.0	1.8	2.2	2.2	
Multijet	155/80 R 13 79T	2.2	1.8	2.3	2.2	
	165/65 R 14 79T (*)	2.2	1.8	2.3	2.2	
Snow tyres	155/80 R 13 79T M+S 165/65 R 14 79T M+S	2.0	1.8	2.2	2.2	2.8

(*) Standard on Emotion versions and optional on Dynamic versions.

ENGINE OIL CHANGE (litres)

	1.1	1.2	1.3 Multijet
Engine sump	3.1	2.5	2.85
Engine sump and filter	3.5	2.8	3.0

FUEL CAPACITIES (litres)

	1.1	1.2	1.3 Multijet
Tank capacity	35	35	35
Reserve	5	5	5

Refuel petrol engines with unleaded petrol with octane rating (RON) no lower than 95 only (EN 228 Specifications)

Refuel diesel engines with diesel fuel for motor vehicles only (EN 590 Specifications)

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 FIAT dealer.

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