

F I A T L I N E A



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

Dear Customer,

Congratulations! You've just chosen one of the most stylish sedans in the world, the new Fiat Linea.

As you already know, Fiat Linea is a work of contemporary art. With spacious interiors and many thoughtful innovations, you're now ensured of a truly personal and enjoyable driving experience.

We are sure the Fiat Linea will overtake all your expectations. And look forward to you becoming yet another ardent admirer of the Fiat Linea.

Best wishes,



Rajeev Kapoor
(President & CEO)
Fiat India Automobiles Limited.



Dear Customer,

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

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

You 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 the technological features of your Fiat.

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 happy motoring!

**This Owner Handbook describes all Fiat Linea 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) 91 minimum.



Diesel engines: only refuel with normal diesel (**avoid premium diesel**) conforming with cetane number 51 minimum.

The use of other products or mixtures may damage the engine beyond repair and consequently cause lapse of warranty in relation to the damage caused.

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



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

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 (with the risk of gradually draining the battery), visit a Fiat-Tata Dealership. They can calculate the overall electrical requirement and check that the car's electric system can support the required load.



CODE card

Keep it in a safe place, not in the car. Make sure you have the electronic code with you at all times.






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'S MANUAL CONTAINS...

... important information, advise and warnings for correct use, driving safety and maintenance of your car in time. Pay special attention to the symbols  (personal safety)  (environmental protection)  (the car's wellbeing).



DASHBOARD AND CONTROLS

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

DASHBOARD	5	CEILING LIGHTS.....	54
SYMBOLS	6	CONTROLS	57
THE FIAT CODE SYSTEM	6	FUEL CUT-OFF SWITCH	59
THE KEYS	8	INTERIOR FITTINGS.....	60
IGNITION DEVICE	12	DOORS	64
INSTRUMENT PANEL	13	POWER WINDOWS	65
INSTRUMENTS	14	BOOT.....	67
DIGITAL DISPLAY	16	BONNET.....	68
MULTIFUNCTION DISPLAY	21	HEADLIGHTS	70
TRIP COMPUTER	30	ABS SYSTEM	71
FRONT SEATS	32	SOUND SYSTEM	73
REAR SEATS	33	ACCESSORIES PURCHASED BY THE OWNER.....	74
HEAD RESTRAINTS.....	33	AT THE FILLING STATION	75
STEERING WHEEL	35	PROTECTING THE ENVIRONMENT.....	76
REARVIEW MIRRORS	36		
HEATING AND VENTILATION	37		
MANUAL CLIMATE CONTROL SYSTEM	38		
AUTOMATIC CLIMATE CONTROL SYSTEM	44		
EXTERNAL LIGHTS	51		
WINDSCREEN WASHING	53		

DASHBOARD

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

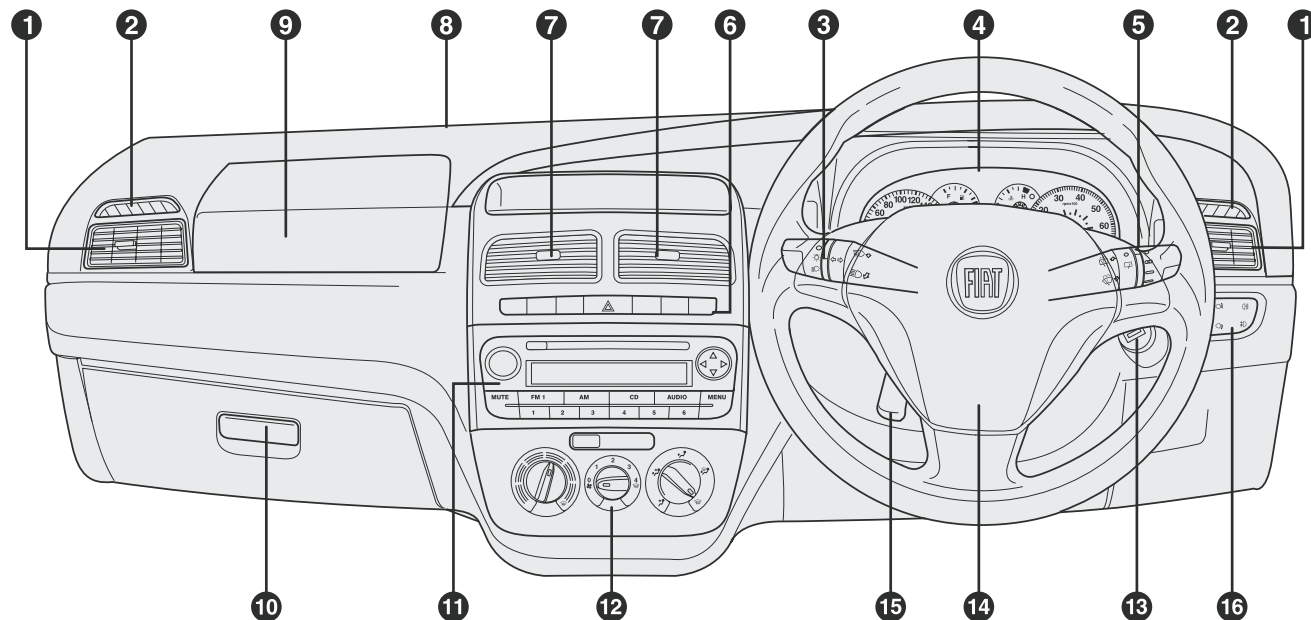


fig. 1

FOR0001m

1. Adjustable side air vents - 2. Fixed side air vents - 3. Left stalk: external lights control - 4. Instrument panel - 5. Right stalk: windscreen wiper controls, trip computer - 6. Controls on dashboard - 7. Adjustable central air vents - 8. Fixed upper air vent - 9. Front airbag - passenger side - 10. Oddment compartment - 11. Sound system (where provided) - 12. HVAC controls - 13. Ignition device - 14. Front airbag - driver's side - 15. Steering wheel adjustment lever - 16. Control panel: fog lights/rear fog light/headlight position adjustment/digital display/multifunctional display.

SYMBOLS

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

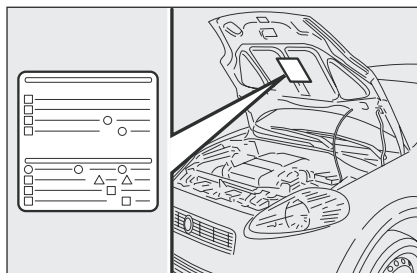


fig. 2

The table summarising the symbols used can be found under the bonnet **fig. 2** (where provided).

THE FIAT CODE SYSTEM

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


Each key contains an electronic device which modulates the signal emitted during ignition by an antenna incorporated in the ignition device. This signal is the 'password' which changes at each ignition and which the control unit uses to recognise the key and allow ignition.

OPERATION

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

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



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

If the code has not been recognised correctly, the warning light  turns on accompanied by the related message on the display (see section “Warning lights and messages”).

In this case, turn the key to **STOP** and then back to **MAR**; try with the other keys provided if the problem persists. Contact a Fiat-Tata Dealership if you still can't start the engine.

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

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).
- ❑ If the warning light  stays on, contact a Fiat-Tata Dealership.



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

THE KEYS

CODE CARD fig. 3

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

- A** the electronic code;
- B** the mechanical key code to be given to the Fiat-Tata Dealership when ordering duplicate keys.

Make sure you have the electronic code **A**-fig. 3 with you at all times.

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



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

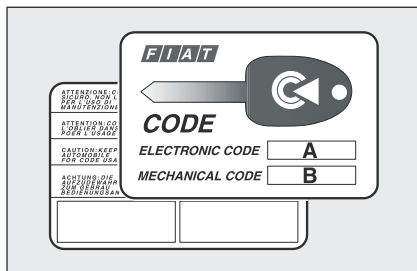


fig. 3

FOR0003m

KEY WITH REMOTE CONTROL fig. 4

The metal insert **A** is retractable and it operates:

- the ignition switch;
- the door locks;
- the fuel filler lock (where provided);
- the tailgate lock.

To extract the metal insert, press button **B**.

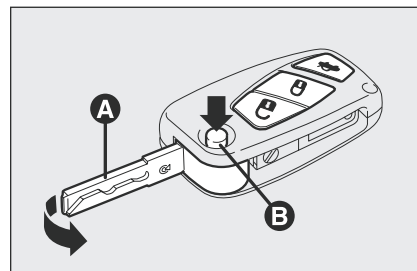


fig. 4

FOR0004m

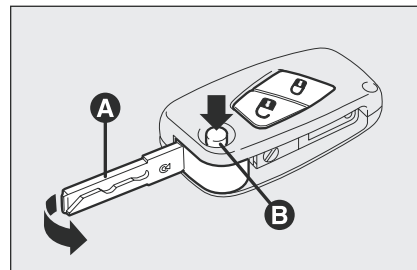


fig. 5

FOR0005m


To refit it proceed as follows:


- keep button **B** pressed and move the metal insert **A**;
- release button **B** and turn the metal insert **A** until hearing the proper locking click.




WARNING

Only press button B with the key away from your body, specifically from your eyes and from objects which could get damaged (e.g. your clothes). Do not leave the key unattended to avoid the button from being accidentally pressed while it is being handled, e.g. by a child.

Button  is used for opening the doors and the tailgate.

Button  is used for locking the doors and the tailgate.

Button  (present in some versions only) is used for remote opening of the tailgate.

The passenger's compartment lights will come on for a preset time when the doors are unlocked.

Request for additional remote controls

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

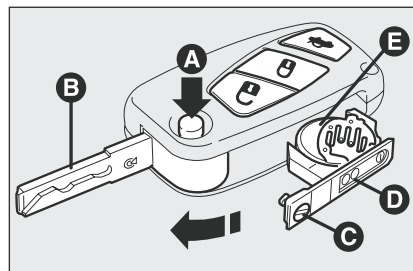




fig. 6

FOR0007m

Replacing the battery of the key with remote control fig. 6

Battery replacement:

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



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-Tata Dealership, which will deal with their disposal.

KEY WITHOUT REMOTE CONTROL fig. 7

The metal insert of the key **A** is fixed.

The key operates:

- the ignition switch;
- the door locks;
- the fuel filler lock (where provided)
- the tailgate lock.

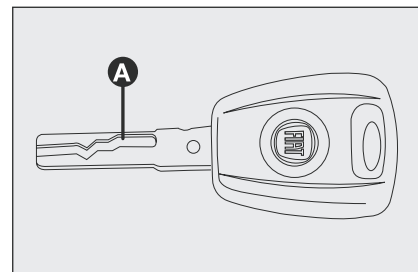





fig. 7

F0R0008m

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

Type	Unlocking the doors	Locking the doors from the outside	Unlocking the tailgate
Key without remote control	Turn key anticlockwise (driver's side)	Turn key clockwise (driver's side)	–
	Turn key anticlockwise (driver's side)	Turn key clockwise (driver's side)	–
Key with remote control	Briefly press 	Briefly press 	Briefly press 
Direction indicators flashing (only with key with remote control)	blinks twice	blinks once	blinks twice

IGNITION DEVICE

The key can be turned to 3 different positions **fig. 8**:

- ❑ **STOP**: engine off, key extractable, steering locked. Some electrical devices (e.g. sound system, central door locking system, etc.) may work.
- ❑ **MAR**: driving position. All electrical devices may work.
- ❑ **AVV**: engine starting (unstable position).

The ignition switch is fitted with an electronic safety system 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-Tata Dealership as soon as possible.

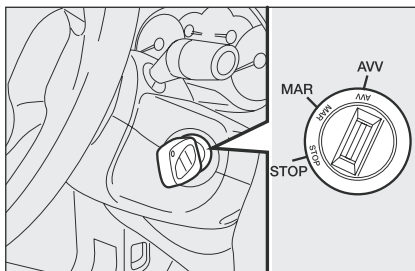


fig. 8

F0R0009m



WARNING

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

STEERING COLUMN LOCK

Engaging

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

Disengaging

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



WARNING

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



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

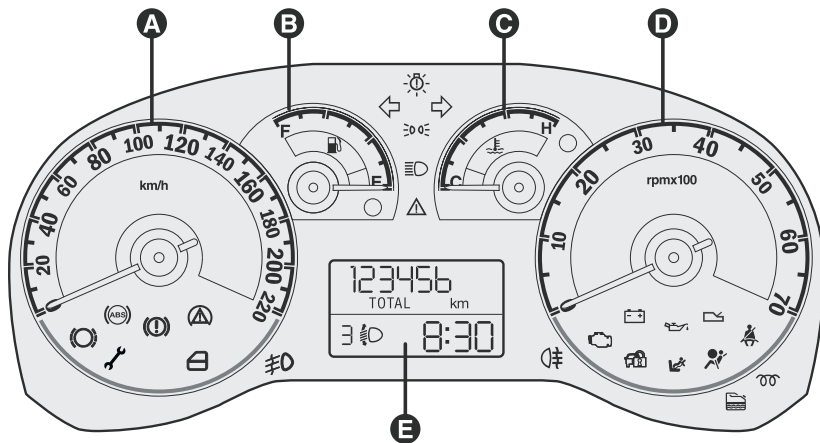


fig. 9

FOR0010m

Versions with digital display fig. 9

- 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 Digital display

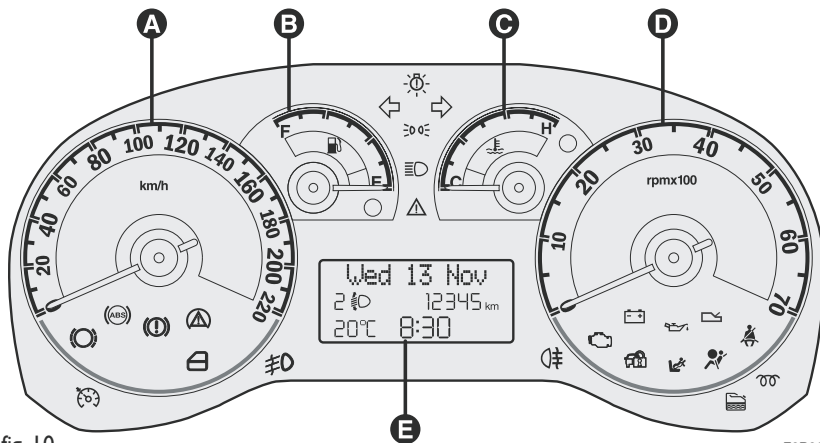


fig. 10

FOR0011m

Versions with multifunction display fig. 10

- 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

INSTRUMENTS

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

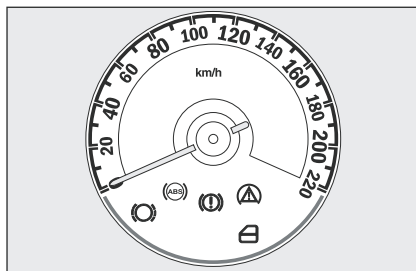


fig. 11

F0R0012m

SPEEDOMETER fig. 11

It shows the car speed.

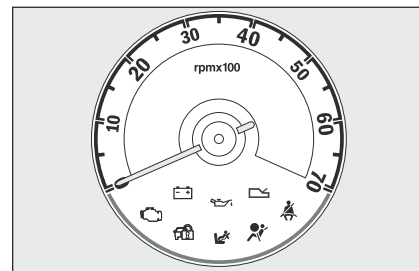


fig. 12

F0R0013m

REV. COUNTER fig. 12

Rev counter shows engine rpm.

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 increase of the speed.

This is normal and does not indicate a fault. It may be caused, for example, by the operation of the climate control system or fan. In these case, a slow change in engine speed is used to protect the battery charge.

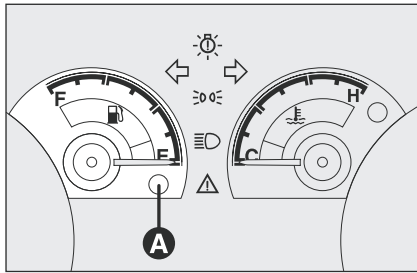


fig. 13

F0R0014m

FUEL LEVEL GAUGE fig. 13

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

E empty tank (see “At the filling station”).

F full tank.

The reserve warning light **A** turns on to indicate that approximately 7 litres of fuel are left in the tank.

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

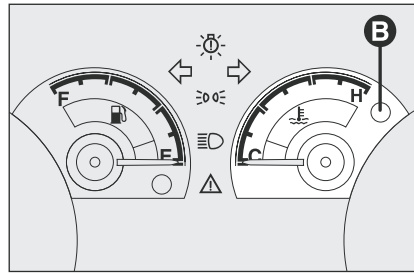


fig. 14

F0R0015m

ENGINE COOLANT TEMPERATURE GAUGE fig. 14

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.

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



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

DIGITAL DISPLAY

STANDARD SCREEN fig. 15

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 (distance covered in kilometres or miles) and TRIP data.

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.

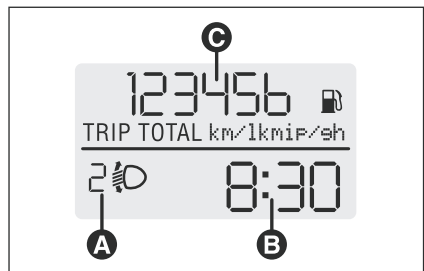


fig. 15

FOR0016m

CONTROL BUTTONS fig. 16

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

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

Hold pressed to go back to the standard screen.

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

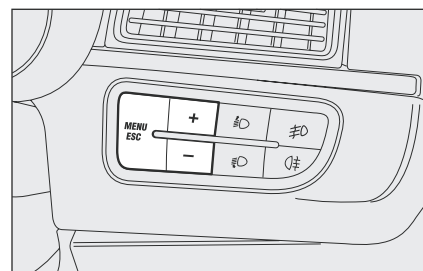


fig. 16

FOR0017m

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

To adjust display brightness inside the passenger compartment

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

Setup menu

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

SETUP MENU fig. 17

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

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

Single presses on buttons + and – will scroll the setup menu options.

Handling modes differ with each other according to the characteristic of the option selected.

Selecting a menu option

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

Selecting “Set Clock”

- briefly press button **MENU ESC** to select the first value to change (hours);
- press buttons + and – (by single presses) to select the new setting;
- briefly press button **MENU ESC** to store the new setting and to go to the next setup menu option (minutes);
- after setting the values with the same procedure, the system will go back to the menu option previously selected.

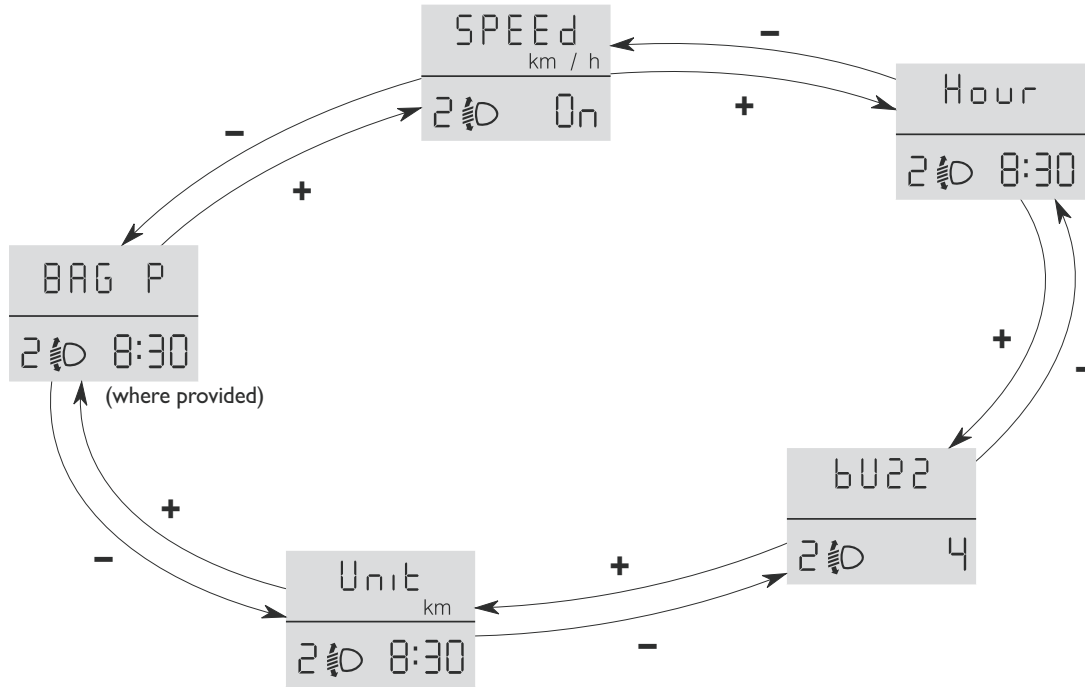
Hold button MENU ESC pressed

- to quit the set up menu if you are in the menu;
- to quit the displayed menu if you are setting an option;
- to save only the settings stored yet (and confirmed by pressing button **MENU ESC**).

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 **MENU ESC**).

Briefly press button **MENU ESC** to start browsing from the standard screen. Press **+** or **-** to browse within the menu.

Note Only the short menu may be accessed for reasons of safety while the car is moving ("SPEED" setting). Stop the car to access the full menu.



FOR2003g

fig. 17

Setting the speed limit (SPEEd)

This function may be used to set the car speed limit (km/h or mph), when this limit is exceeded the driver is immediately alerted (see section “Warning lights and messages”).

To set the speed limit, proceed as follows:

- briefly press button **MENU ESC**, the message (SPEEd) and the previously set unit (km/h) or (mph) will appear on the display;
- press button **+** or **-** to activate (on) or deactivate (OFF) the speed limit function;
- if the function is on, press buttons **+** or **-** to select the required speed limit and then press **MENU ESC** to confirm;

Note The speed may be set in the range from 30 to 200 km/h, or from 20 to 125 mph according to the previously chosen unit (see “Setting the distance unit”) described below. The setting will increase/decrease by five units each time button **+/-** is pressed. Hold button **+/-** pressed to increase/decrease the setting rapidly. Complete the setting by briefly pressing the button when you approach the required setting.

– briefly press button **MENU ESC** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings. To cancel the setting, proceed as follows:

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

Setting the clock (Hour)

This function is used to set the clock.

Proceed as follows:

- briefly press button **MENU ESC**, “hours” will flash on the display;
- press button **+** or **-** for setting;
- briefly press button **MENU ESC**, “minutes” will flash on the display;
- press button **+** or **-** for setting;
- briefly press button **MENU ESC** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

Adjusting the buzzer volume (bUZZ)

This function is used to adjust the buzzer volume used for failure/warning indications and when **MENU ESC**, **+** and **-** buttons are pressed.

To adjust the volume proceed as follows:

- briefly press button **MENU ESC**, the display will show the wording (bUZZ);
- press button **+** or **-** to select the required volume (volume can be adjusted according to 8 levels).
- briefly press button **MENU ESC** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

Setting the distance unit (Unit)

With this function it is possible to set the unit.

To set the required unit proceed as follows:

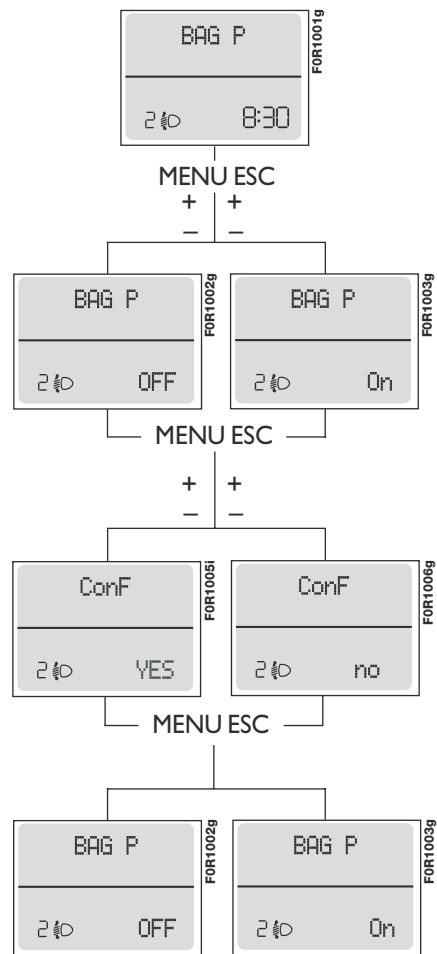
- briefly press button **MENU ESC**, the display will show the message (Unit) and the previously set unit (km) or (mi);
- press button **+** or **-** to select the required distance unit.
- briefly press button **MENU ESC** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.

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

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

Proceed as follows:

- press button **MENU ESC** and after the message (BAG P OFF) (to deactivate) or (BAG P On) (to activate) is displayed by pressing buttons **+** or **-**, press again button **MENU ESC**;
- the confirmation request message will be displayed;
- press buttons **+** or **-** to select (YES) (confirming activation/deactivation) or (no) (to abort);
- briefly press button **MENU ESC** to confirm setting to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.



MULTIFUNCTION DISPLAY (where provided)

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

“STANDARD” SCREEN fig. 18

The standard screen shows the following information:

- A** Date.
- B** Odometer (covered km or miles).
- C** Clock (always displayed, even with ignition key removed and front doors closed).
- 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 kilometres or miles covered.

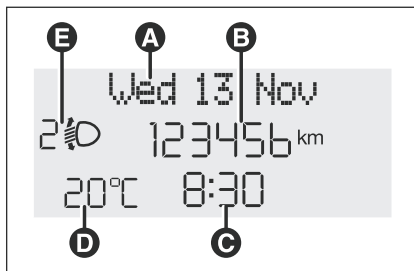


fig. 18

F0R0018m

CONTROL BUTTONS fig. 19

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

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

Hold pressed to go back to the standard screen.

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

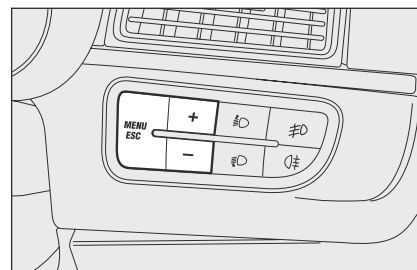


fig. 19

F0R0019m

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

To adjust light inside the passenger compartment

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

Setup menu

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

SETUP MENU fig. 20

The menu comprises a series of functions arranged in a cycle which can be selected through buttons **+** and **-** to access the different select operations and settings (set-up) given in the following paragraphs. A submenu is provided for some items (Clock and Unit setting).

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

Single presses on buttons **+** or **-** will scroll the setup menu options.

Handling modes differ with each other according to the characteristic of the option selected.

Selecting an option of the main menu without submenu

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

Selecting an option of the main menu with submenu:

- briefly press button **MENU ESC** to display the first submenu option;
- press buttons **+** or **-** (by single presses) to scroll all the submenu options;
- press briefly button **MENU ESC** to select the displayed submenu option and to open the relevant setup menu;
- press buttons **+** or **-** (by single presses) to select the new setting for this submenu option;
- briefly press button **MENU ESC** to store the new setting and to go back to the previously selected submenu option.

Selecting "Set Date" and "Set time":

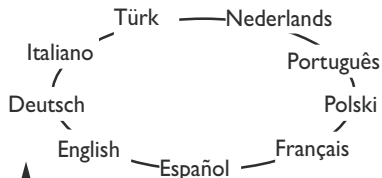
- briefly press button **MENU ESC** to select the first value to change (e.g. hours / minutes or year / month / day);
- press buttons **+** or **-** (by single presses) to select the new setting;
- briefly press button **MENU ESC** to store the new setting and to go to the next setup menu option, if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

Hold button MENU ESC pressed:

- 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 **MENU ESC**).

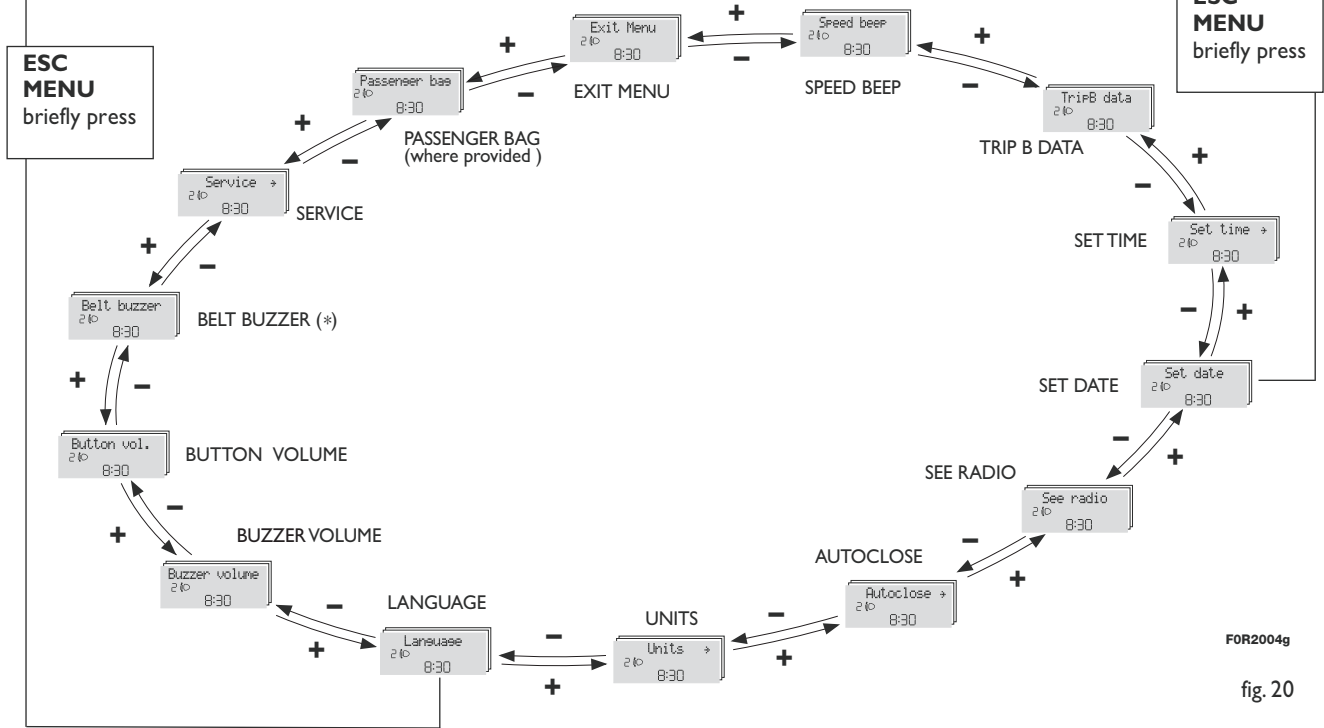
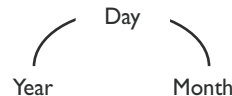
The setup menu environment is timed. Only the changes saved by the user b briefly pressing **MENU ESC** will be saved when the menu is automatically closed.

Example:



Briefly press **MENU ESC** on the standard screen to browse. Press **+** or **-** to browse within the menu.
Note Only the short menu may be accessed for reasons of safety while the car is moving ("Speed Beep" setting). Stop the car to access the full menu.

Example:



FOR2004g

fig. 20

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

- DASHBOARD AND CONTROLS
- SAFETY DEVICES
- CORRECT USE OF THE CAR
- WARNING LIGHTS AND MESSAGES
- IN AN EMERGENCY
- CAR MAINTENANCE
- TECHNICAL SPECIFICATIONS
- INDEX

Speed limit (Speed Beep)

This function may be used to set the car speed limit (km/h or mph); when this limit is exceeded the driver is immediately alerted (see section “Warning lights and messages”).

To set the speed limit, proceed as follows:

- briefly press button **MENU ESC**, the display will show the wording (Speed Buzz);
- 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 **MENU ESC** to confirm.

Note The speed may be set in the range from 30 to 250 km/h, or from 20 to 125 mph according to the previously chosen unit (see “Setting the distance unit”) described below. The setting will increase/decrease by five units each time button **+/-** is pressed. Hold button **+/-** pressed to increase/decrease the setting rapidly. Complete the setting by briefly pressing the button when you approach the required setting.

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

To cancel the setting, proceed as follows:

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

Trip B 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”.

Proceed as follows to switch the function on and off:

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

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

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

Setting the clock (Set time)

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

Proceed as follows:

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

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

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

- *when accessing the “Hour” submenu* : – briefly press button **MENU ESC**, “hours” will flash on the display;

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

- briefly press button **MENU ESC**, “minutes” will flash on the display;

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

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

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

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

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

Set date (Set Date)

This function may be used to update the date (year - month - day).

To correct the date proceed as follows:

- briefly press button **MENU ESC**: “day” will flash on the display;

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

- briefly press button **MENU ESC**: “month” will flash on the display;

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

- briefly press button **MENU ESC**: “year” will flash on the display;

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

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

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

Audio repetition (See radio)

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

- Radio: tuned radio station frequency or RDS message, automatic tuning activation or AutoStore;
- CD audio, CD MP3: track number;
- CD Changer: CD number and track number;

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

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

Automatic door locking with car running (Autoclose)

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

This function is available on all versions and may only be switched off by means of the multifunctional display.

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

- briefly press button **MENU ESC** to display the three sub-menus;
- briefly press button **MENU ESC**: (On) or (Off) will flash on the display (according to previous setting);
- press button **+** or **-** for setting;
- briefly press button **MENU ESC** to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.
- hold **MENU ESC** pressed to go back to the standard screen or main menu according to the points of the menu where you are at.

Set units (Unit of measure)

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

Proceed as follows to set the required unit:

- briefly press button **MENU ESC** 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 **MENU ESC**;
- *when accessing the “Distances” sub-menu:* briefly press **MENU ESC**: either “km” or “mi” will appear on the display (according to the previous setting);
- press **+** or **-** to make your choice;

– when you are in the “Consumption” sub-menu: briefly press **MENU ESC**: either “km/l, Lit/100km” or “mpg” will appear on the display (according to the previous setting);

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

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

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

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

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

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

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

Selecting the language (Language)

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

To set the required language proceed as follows:

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

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

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

Adjusting the failure/warning buzzer volume (Buzzer Volume)

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

To adjust the volume proceed as follows:

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

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

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

Adjusting the button volume (Button Vol.)

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

To adjust the volume proceed as follows:

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

Scheduled Servicing (Service)

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

Proceed as follows:

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

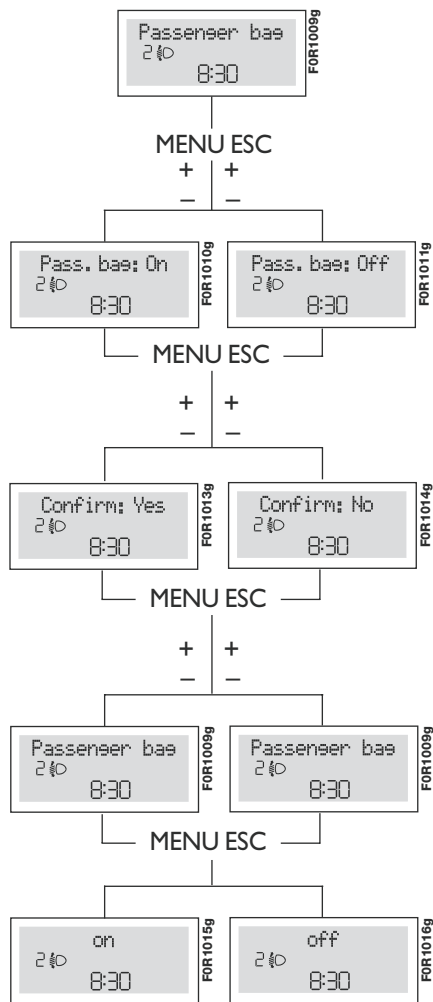
Note The “Service Schedule” requires the car to be serviced every 15,000 km; this indication will appear automatically with the key at **MAR** when there are 2000 km left (or 1240 mi) and will be presented automatically every 200 km (or 124 mi). The indications will appear more frequently where there are 200 km left. The indication will appear in kilometers or miles according to the settings. When the next scheduled service operation is approaching, the message “Service” will appear on the display followed by the number of kilometers or miles left when the key is turned to **MAR**. Go to a Fiat-Tata Dealership where the “Scheduled Service” operations will be performed and the message will be reset.

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

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

Proceed as follows:

- ❑ press button **MENU ESC** and press **MENU ESC** again after the message (Bag pass: Off) (to deactivate) or (Bag pass: On) (to activate) is displayed by pressing buttons **+** and **-**;
- ❑ display will show the confirmation message;
- ❑ press buttons **+** or **-** to select (Yes) (confirming activation/deactivation) or (No) (to abort);
- ❑ briefly press button **MENU ESC** to confirm setting e to go back to the menu screen or press the button for long to go back to the standard screen without storing settings.



Exit Menu

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

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

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

TRIP COMPUTER

General features

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

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

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

- Range
- Distance travelled
- Average consumption
- Instant consumption
- Average speed
- Travel time (driving time).

“Trip B”, available on multifunctional display only, shall be used to display the figures relating to:

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

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

Values displayed

Range

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

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

Distance travelled

This indicates the distance covered from the start of the new mission.

Average consumption

This indicates the average consumption from the start of the new mission.

Instant consumption

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

Average speed

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

Travel time

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

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

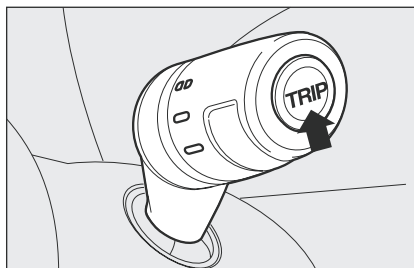


fig. 21

FOR0020m

TRIP button fig. 21

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:

- briefly press to display the different values
- hold pressed to reset and then start a new mission.

New mission

Reset can be:

- “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 “Travel time” reaches 99.59 (99 hours and 59 minutes);
- after disconnecting/reconnecting the battery.

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

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

Start of journey procedure

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

Exit Trip

To exit the Trip function: hold **MENU ESC** pressed for longer than 2 seconds.

FRONT SEATS



WARNING

All adjustments must be made with the car stationary.



The fabric upholstery of your car is designed to withstand the normal wear and tear of your car for a long time. Some precautions are however needed. Avoid prolonged rubbing against clothing accessories, such as metal buckles, Velcro strips and the like, which by applying a high pressure on the fabric in a small area could cause the breakage of some threads and damage the upholstery.

Backwards/Forwards adjustment fig. 22

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

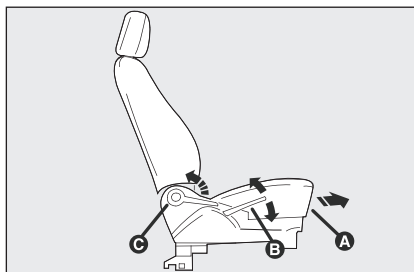


fig. 22

FOR0021m



WARNING

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

Seat height adjustment (where provided) fig. 22

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

IMPORTANT Adjustment must be carried out only seated in the relevant seat.

Back rest angle adjustment fig. 22

Push lever **C**.



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.

REAR SEATS

To folds the rear seats refer to paragraph “Extending the boot” ‘Refer page no. 68’ of this section.



The fabric upholstery of your car is designed to withstand the normal wear and tear of your car for a long time. Some precautions are however needed. Avoid prolonged rubbing against clothing accessories, such as metal buckles, Velcro strips and the like, which by applying a high pressure on the fabric in a small area could cause the breakage of some threads and damage the upholstery.

HEAD RESTRAINTS

FRONT fig. 23

To improve passenger safety, the height of the head restraints can be adjusted. They lock into place automatically in the required position.

To adjust head restraints proceed as follows:

- upward adjustment: raise the head restraint until you hear it click.
- Downward adjustment: push the head restraint down to the required position



WARNING

The head restraints must be adjusted so that they support your neck and not your head. Only in this way may they perform their protective action.

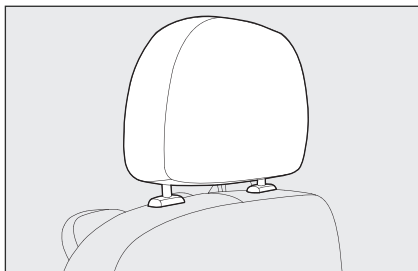


fig. 23

F0R0024m

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

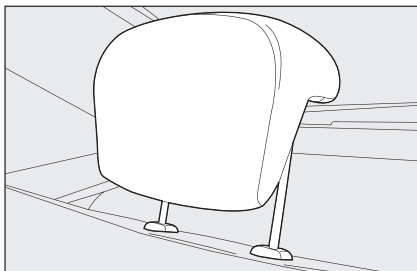


fig. 24

F0R0025m

REAR (where provided) fig. 24

To use the head restraint, raise it until hearing the click (position of use).

To bring it back to the original position (position of non use), push the head restraint down into the back rest.

IMPORTANT Rear seat passengers shall always set the head restraints in the position of use.

STEERING WHEEL

The driver can adjust the steering wheel position in height.

Proceed as follows:

- ❑ release the lever **A**-fig. 25 pushing it forwards (position 1);
- ❑ adjust the steering wheel as required;
- ❑ lock the lever **A** pulling it towards the steering wheel (position 2).

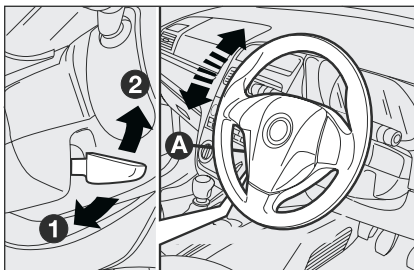


fig. 25

F0R0026m



WARNING

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



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.

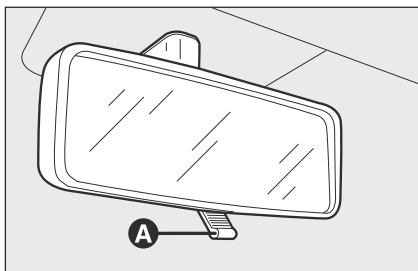


fig. 26

F0R0027m

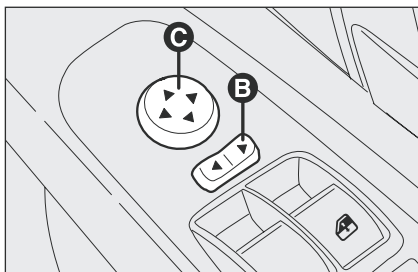


fig. 27

F0R0028m

REARVIEW MIRRORS

DRIVING MIRROR fig. 26

The mirror can be adjusted to two different positions (normal or antiglare) by means of the lever **A**.

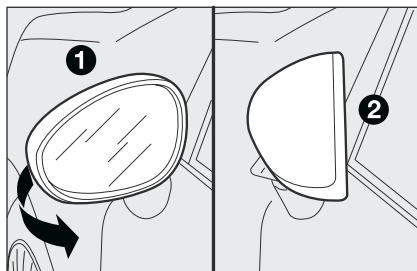


fig. 28

F0R0029m

DOOR MIRRORS

Electrical adjustment fig. 27

This operation is only possible with ignition key at **MAR**.

Proceed as follows:

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

Folding

When required (for example when the mirror causes difficulty in narrow spaces) it is possible to fold the mirror moving it from position **1**-fig. 28 to position **2**.

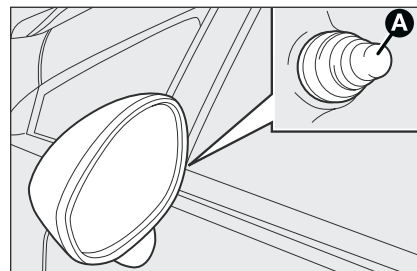


fig. 29

F0R0030m

Manual adjustment fig. 29

Use knob **A**-fig. 29 to adjust manually.



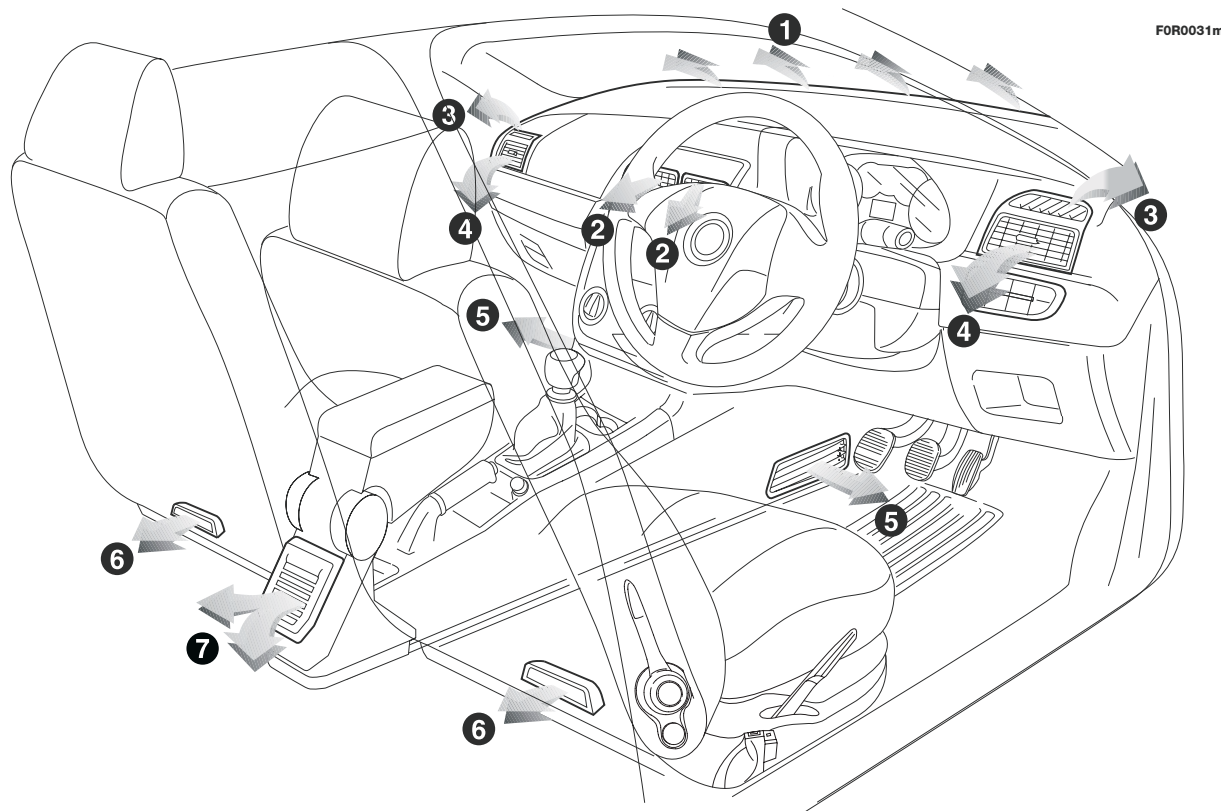
When driving the mirrors shall always be in position 1-fig. 28.



WARNING

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

HEATING AND VENTILATION



FOR0031m

fig. 30

1. Upper fixed vent - 2. Adjustable central vents - 3. Fixed side vent - 4. Adjustable side vents - 5. Lower vents for front seats - 6. Lower side vents for rear seats - 7. Lower central vent for rear seats (where provided).

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR

MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

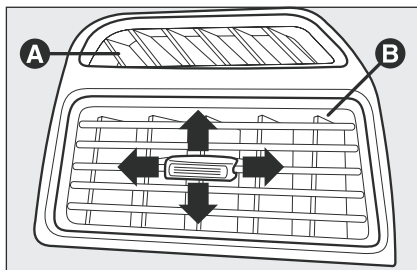


fig. 31

F0R0032m

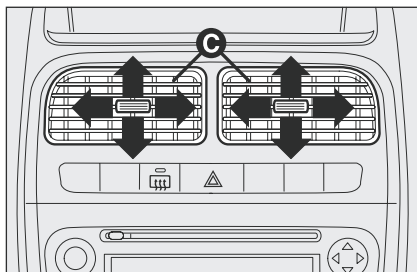


fig. 32

F0R0033m

ADJUSTABLE SIDE AND CENTRAL VENTS fig. 31-32

A Fixed vent for side windows.

B Adjustable side vents.

C Adjustable central vents.

Vents **A** are fixed.

To use vents **B** and **C**, operate the relevant device to turn them as required.

MANUAL CLIMATE CONTROL SYSTEM (where provided)

CONTROLS fig. 33

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 = ventilation speed

4 🌀 = maximum fan speed

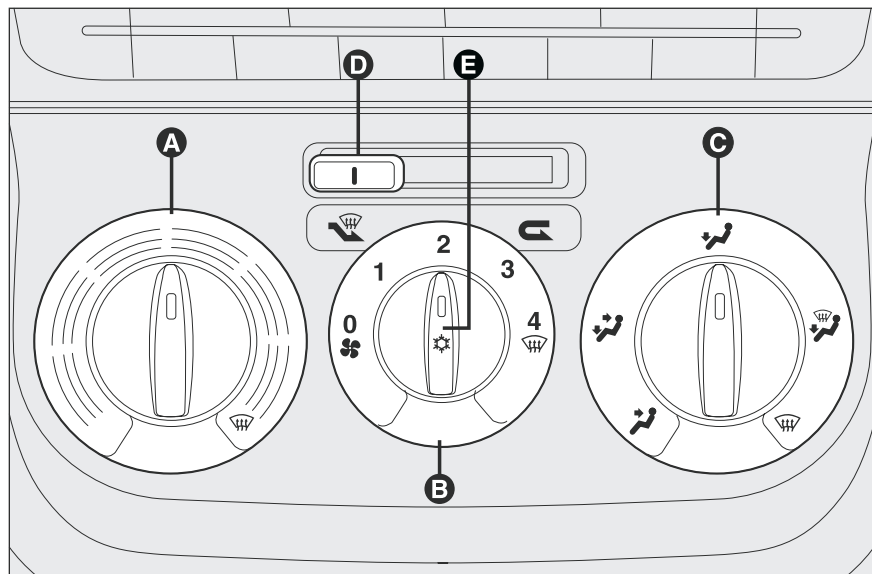






fig. 33

FOR0036m


Air distribution knob C


-  to convey air to the central and side vents;
-  to warm the feet and convey cooler air to the dashboard vents, in intermediate temperature conditions;
-  for heating when the outside temperature is very cold: for maximum air flow to feet;

 to warm the feet and at the same time demist the windscreen;

 for quick windscreen demisting.

Air recirculation on/off slider D

Take the slider to position  to recirculate internal air.

Take the slider to position  to switch internal air recirculation off.


Switching the climate control system on and off

Press knob **E** - **fig. 33** (LED on knob will light up) to switch the climate control system on.

Press knob **E** again (LED on knob will go off) to switch the climate control system off.



VENTILATION

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

- knob **A** turned to blue section;
- switch internal air recirculation off;
- turn knob **C** to ;
- turn knob **B** to required speed.

CLIMATE CONTROL (cooling)

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

- knob **A** turned to blue section;
- switch internal air recirculation on;
- turn knob **C** to ;
- switch the climate control system on by pressing knob **E**: the LED on the knob will light up;
- turn knob **B** to 4  (maximum speed of fan).

Cooling adjustment

- turn knob **A** rightwards to increase the temperature;
- switch internal air recirculation off;
- turn knob **B** to increase fan speed.



WARMING THE PASSENGER COMPARTMENT

Proceed as follows:

- turn knob **A** to the red sector;
- turn knob **C** to the required symbol;
- turn knob **B** to required speed.

FAST HEATING

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



- turn knob **A** to the red sector;
- switch internal air recirculation on;
- turn knob **C** to ;
- knob **B** turned to 4  (max. fan speed).

Then adjust the controls to obtain the required conditions of comfort and switch internal air recirculation off.

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/DEFROSTING (WINDSCREEN AND SIDE WINDOWS)

Proceed as follows:



- turn knob **A** to the red sector;
- turn knob **B** to 4  (maximum fan speed);
- turn knob **C** to ;
- switch internal air recirculation off.

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

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

Window demisting

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

- turn knob **A** to the red sector;
- switch internal air recirculation off;
- turn knob **C** to  and change it back to  if demisting does not improve;
- turn knob **B** to 2nd speed.

IMPORTANT The climate control system is very useful to prevent window misting up in presence of high humidity since it dries the air.

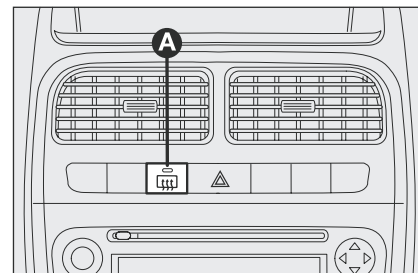


fig. 34

F0R0035M

HEATED REAR WINDOW DEMISTING/DEFROSTING (where provided) fig. 34

Press button **A** to start this function; when this function is on the button led is on.

This function is timed and it will turn off automatically after 20 minutes. Press **A** again to switch it off before.

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.

AIR RECIRCULATION

Move slider **D** to position  to switch internal air recirculation on.

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

IMPORTANT The inside air recirculation system makes it possible to reach the required “heating” or “cooling” conditions faster.

Do not use the air recirculation function on rainy/cold days as it would considerably increase the possibility of the windows misting inside.

LOOKING AFTER THE SYSTEM

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



The system uses R134a refrigerant fluid which does not harm the environment in the event of accidental leakage. Never use R12 fluid which is not compatible with the system components.

AUTOMATIC CLIMATE CONTROL SYSTEM (where provided)

GENERAL

The automatic climate control system adjusts the temperature, the quantity and the distribution of the air in the passenger compartment. Temperature is controlled on the basis of an “equivalent temperature” principle; in other words, the system continuously works to keep the comfort level inside the car constant and to compensate for possible variations of external conditions, including sun radiation detected by a specific sensor.

The automatically controlled parameters and functions are:

- air temperature at the vents;
- air distribution at the vents;
- fan speed (continuous air flow variation);
- compressor fan on (for cooling/dehumidifying the air);
- air recirculation.

All functions may be manually changed. In other words, you may select one or more functions and change the parameters as required. Automatic control of the manually changed functions will be suspended: the system will change override your settings only for safety related reasons (e.g. risk of misting up).

Manual selections will always have higher priority over automatic settings and will be stored until the user switches the system back to automatic control by pressing **AUTO** expect for the cases in which the system will intervene for particular, safety-related reasons.

You can adjust one function automatically and have the automatic system control all the others.

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

The following parameters and functions can be set or changed manually:

- air temperature;
- fan speed (continuous variation);
- air distribution setting to seven positions;
- compressor enabling;
- fast defrosting/demisting;
- air recirculation;
- system off.

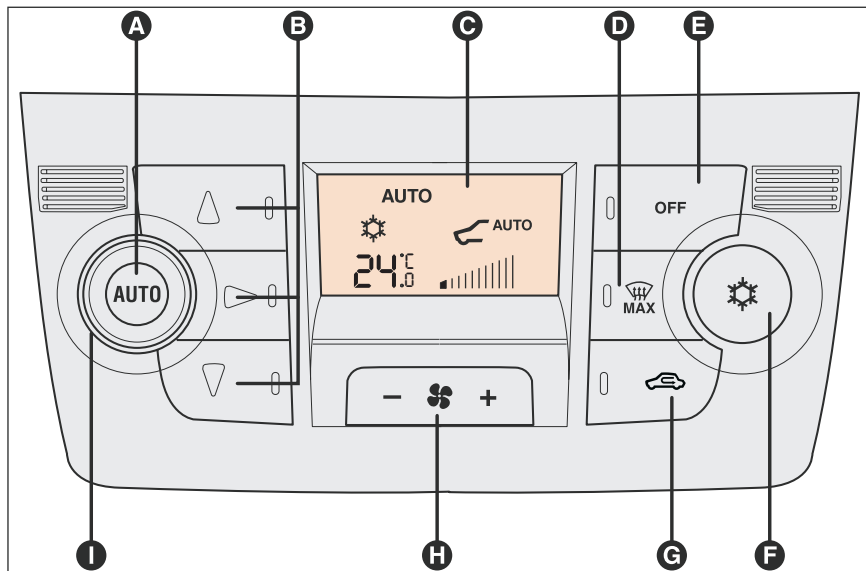


fig. 35

FOR0148m

CONTROLS fig. 35

- A** **AUTO** button: automatic control of all functions.
- B** Air distribution selection buttons.
- C** Display.
- D** **MAX DEF** function button.
- E** System off button.



- F** Compressor enabling button.
- G** Air recirculation button.
- H** Fan speed buttons.
- I** Temperature adjustment knob.

USING THE CLIMATE CONTROL SYSTEM

The system can be started in different ways, but it is advisable to start by pressing the **AUTO** button and then turning the knobs to set the temperature required on the display.

The system will start running automatically in this way and the set comfortable temperature will be reached as quickly as possible. The system will adjust the temperature, the quantity and the distribution of the air introduced into the passenger compartment and will manage the recirculation function and the compressor.

Manual intervention is only required for the following functions during fully automatic operation.

-  air recirculation, to keep the function always either on or off;
-  to speed up demisting/defrosting of windscreen, rear window and external rearview mirrors;

During completely automatic system operation, you can vary the set temperature, the air distribution and the fan speed using the corresponding buttons or knobs at any time: the system will automatically change settings to adapt to the new request.

During fully automatic operation (**FULL AUTO**), the word **FULL** will disappear if the air distribution, air speed, compressor and/or recirculation settings are changed. In this way, the functions will switch from automatic to manual control until **AUTO** is pressed again. With on or more manually set functions, the introduced air temperature is still managed automatically by the system, except for when the compressor is off: in the case, the air introduced into the passenger compartment cannot be cooler than the outside air.

Air temperature adjustment knob (I)

Turn the knob either clockwise or anti-clockwise to increase or lower the requested temperature in the passenger compartment. The set temperature is shown on the display.

Turn the knob either all to the right or all to the left to the extreme **HI** or **LO** position to use the maximum heating or maximum cooling functions:

- HI** function (maximum heating):

select by turning the temperature knob clockwise over the maximum value (32 °C).

This function may be used to heat up the passenger compartment exploiting the system potential to the maximum. In this condition, the system stop controlling temperature automatically and sets air mixing to maximum heating. The air speed and distribution are fixed.

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

All manual settings will be allowed when this function is on.

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

□ **LO** function (maximum cooling):

select by turning the temperature knob anticlockwise under the minimum value (16 °C).

This function may be used to cool down the passenger compartment exploiting the system potential to the maximum. In this condition, the system stop controlling temperature automatically and sets air mixing to maximum cooling. The air speed and distribution are fixed. All manual settings will be allowed when this function is on.

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

Air distribution buttons (B)

Press these buttons to manually set one of the seven air distribution settings:

- ▲ Air flow to the windscreen and front side window vents to demist or defrost them.
- ▶ Air flow at central and side dashboard vents to ventilate the chest and the face during the hot season.
- ▼ Air flow to the front and rear foot well vents. Thanks to the natural tendency of hot air to spread upwards, this distribution pattern allows to warm the passenger compartment up as quickly as possible, providing an immediate feeling of warmth.
- ▶ Air flow distributed between foot well vents (hotter air) and central and side dashboard vents (cooler air). This distribution is particularly useful in spring and autumn on a sunny day.
- ▲ Air flow distributed between foot well vents and windscreen and front side window defrosting/demisting vents. This allows an adequate warming of the passenger compartment and prevents the windows from misting up.

▲ Air flow distributed between windscreen and front side window defroster/demister and central and side dashboard vents. This distribution allows to maintain good levels of comfort and the passenger compartment adequately cool (summer).

▲ Air flow distributed between windscreen and front side window defroster/demister and central and side dashboard vents. This distribution allows adequate air diffusion and maintains a good level of comfort both in summer and winter.

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

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

Fan speed adjusting buttons (H)

Press button **H** to increase or to decrease the fan speed and therefore the amount of air admitted into the passenger compartment, although keeping the required temperature set.

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

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

The fan can be cut off only if the climate control compressor has been switched off pressing button **F**-fig. 34.

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

IMPORTANT At high speeds, the dynamic effect may increase the flow of air into the passenger compartment which in this case will not directly correspond to the fan speed bar display.

AUTO (A) (automatic operation)

Press **AUTO** to make the system automatically adjust the quantity and distribution of the air introduced into the passenger compartment. All previous manual settings will be cancelled.

The message **FULL AUTO** will appear on the front display in this condition.



By manually intervening on at least of the functions automatically managed by the system (air recirculation, fan speed or compressor on/off), the word **FULL** will disappear from the display indicating that the system is no longer automatically controlling all the functions (the temperature will still be controlled automatically by the system).

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

To restore system automatic control at any time, after one or more manual adjustments, press button **AUTO**.

Air recirculation on/off button (G)

Air recirculation works according to the following operating logics:

- override on (inside air recirculation always on), indicated by the the LED on button **G** and symbol  on the display;
- override off (air recirculation always off and introduction of external air), indicated by the fact that the LED on the button is off  is on the display.

These operating conditions are obtained by pressing **G** in sequence.


IMPORTANT The inside air recirculation system makes it possible to reach the required heating or cooling conditions faster.

It is however inadvisable to use it on rainy/cold days as it would considerably increase the possibility of the windows misting inside, especially if the climate control compressor is off.

Recirculation is forced off (i.e. air is introduced from the outside) when the the outside temperature is cold to prevent misting up.

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


Climate control compressor enabling button (F)

Press  to switch the climate control compressor off (if on). The icon on the display will go out.

Press the button when the LED is off to restore automatically system control and use of the compressor. The icon will light up on the display in this case.

The system will switch recirculation off when the compressor is switched off to prevent misting up. Although the system is capable of maintaining the required temperature, the word **FULL** will disappear from the display. If on the other hand the system cannot maintain the required temperature, the digits will blink and the word **AUTO** will disappear.

IMPORTANT With the compressor off, it is not possible to introduced air cooler than ambient temperature into the passenger compartment. Furthermore, in certain conditions, the windows could mist up rapidly because the air is not dehumidified. The switching off of the climate control compressor remains in storage even when the engine has been stopped.

To restore automatic compressor control, press  again (in this case, the system will only work as a heater) or press **AUTO**.

With climate control compressor off, the fan speed can be set to zero manually (no bar shown).

With the compressor enabled and the engine started, the fan speed may be reduced to the minimum setting (only one bar shown).

Fast window demisting/defrosting button (D)

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

- switches on climate control compressor when climatic conditions are suitable;
- air recirculation off;
- maximum air temperature HI on both areas;
- operates proper fan speed according to engine coolant temperature to limit the flow into the passenger compartment of air not warm enough to demist the windows;
- directs air flow to windscreen and front side windows vents;
- heated rear window on.

IMPORTANT The quick demisting/de-frosting function will stay on for approximately 3 minutes after the engine coolant temperature is warm enough to ensure rapid window demisting.

When the function is on, the LED on the rear window demister button will light up and the message **FULL AUTO** will go out on the display.

You may only adjust the fan speed and switch the rear window demister off manually when this function is running.

To restore running operations before this function was activated, press either button **B**, air recirculation button **G**, compressor button **F** or button **AUTO A**.

Switching the system off (E)

Press **E** to switch the climate control system off. The display will go out as a consequence.

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

- display off;
- temperature not shown;
- air recirculation on, passenger compartment isolated from the outside (recirculation LED on);
- climate control compressor off;
- fan off.

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

EXTERNAL LIGHTS

The left-hand stalk **fig. 36** 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 various dashboard controls will come on with the external lights.

LIGHTS OFF

Knurled ring turned to symbol **O**.

SIDELIGHTS - TAILLIGHTS

Turn the knurled ring to **☀**.

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

DIPPED BEAM HEADLIGHTS

Turn the knurled ring to **☾**.

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

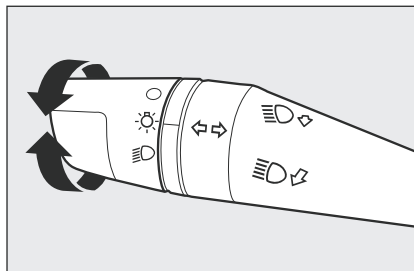


fig. 36

FOR0037m

MAIN BEAM HEADLIGHTS

When the knurled ring is at **☽**, pull the lever towards the steering wheel (2nd unstable position).

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

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



FLASHING THE HEADLIGHTS

Pull the stalk towards the steering wheel (1st unstable position) regardless of the position of the knurled ring. The warning light **☽** on the instrument cluster will come on at the same time.

DIRECTION INDICATORS fig. 37

Push the stalk to (stable) position:

- up (position 1): right-hand indicator;
- down (position 2): left-hand indicator;

Warning light  or  will blink on the instrument panel.

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

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

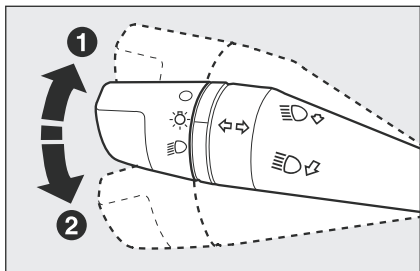


fig. 37


“FOLLOW ME HOME” DEVICE

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

Activation

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

At each single movement of the stalk, the lights will remain on for an extra 30 seconds up to a maximum of 210 seconds; then the lights are switched off automatically.

Warning light  on the instrument panel will light up and the corresponding message will appear on the display (see “Warning lights and messages”) as long as the function is on. The warning light will go out when the lever is operate and stay on until the function is automatically deactivated. Time for which the lights stay on can only be increased by operating the lever.

Deactivation

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

WINDSCREEN WASHING

The right stalk **fig. 38** controls front wind-screen wiper/washer operation.

WINDSCREEN WASHER/WIPER

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

The stalk ring nut can be moved to four different positions:

- windscreen wiper off;
- ◻ intermittent;
- continuous slow;
- ≡ continuous fast.

Move the lever to position **A** (unstable) to limit operation for the time for which the lever is held in this position. The lever will return to position and the wiper will be automatically stopped when released.

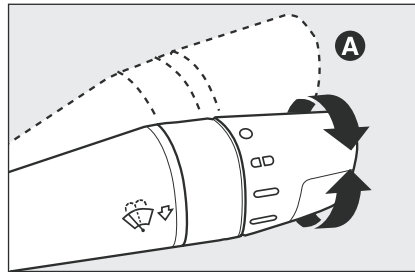


fig. 38

FOR0039m

With the ring in position ◻ the wind-screen wiper will automatically adapt to the speed of the car.

IMPORTANT Replace wiper blades as specified in section “Car maintenance”.



Do not use the windscreen wiper to remove layers of snow or ice from the wind-screen. In such conditions, the windscreen wiper may be subjected to excessive stress and the motor protection which prevents operation for a few seconds may trip. If operation is not restored, even after turning the key and restarting the engine, go to a Fiat-Tata Dealership.

“Smart washing” function

Pull the stalk towards the steering wheel (unstable position) to operate the wind-screen washer.

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

The wiper stops working three strokes after releasing the stalk.

A further stroke after 6 seconds completes the wiping operation.

CEILING LIGHTS

FRONT CEILING WITH SPOT LIGHTS fig.39/a AND WITH DIFFUSED LIGHTING LED (where provided) fig.39/b

Switch **A** turn on/off these lights.

With switch **A** in central position, lights **C** and **D** will turn on/off when opening/closing the front doors.

With switch **A** pressed on the left side, lights **C** and **D** will always stay off. With switch **A** pressed on the right side, lights **C** and **D** will always stay on.

Light turning on/off is gradual.

Switch **B** performs the spot function; with light off, it will turn on:

- light **C** if pressed on the left side;
- light **D** if pressed on the right side.

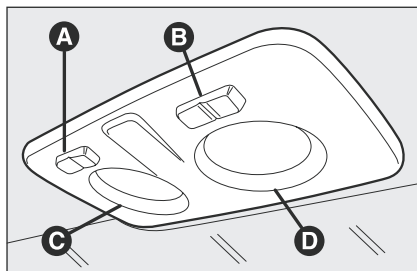


fig. 39/a

F0R0043m

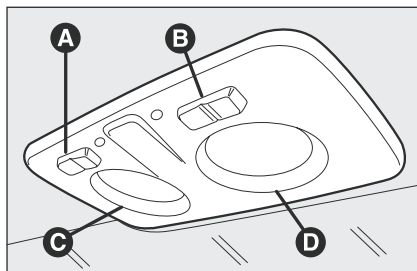


fig. 39/b

F0R0240m

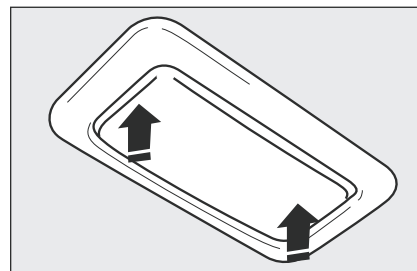


fig. 40

F0R0042m

REAR CEILING LIGHT WITH MOVABLE LENS

The light will turn on/off by pressing the movable lens rightwards or leftwards as shown in **fig. 40**.

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.

In any case, if the switch is left inadvertently to the on position, the lights will turn off automatically 15 minutes after turning the engine off.

Ceiling light timing

On certain versions to facilitate getting in/out of the car at night or with poor lighting, 2 different timed switching on modes have been provided.

LIGHT TIMING WHEN GETTING INTO THE CAR

Lights will turn on as follows:

- for about 10 seconds when opening front doors;
- for about 3 minutes when opening one of the side doors;
- for about 10 seconds when closing the doors.

Timing will stop when turning the ignition key to **MAR**.

LIGHT TIMING WHEN GETTING OUT OF THE CAR

After removing the key from the ignition switch, the ceiling lights will turn on as follows:

- within 2 minutes from turning the engine off for about 10 seconds;
- when opening one of the side doors for about 3 minutes;
- when closing one of the doors for about 10 seconds.

Timing will stop automatically when locking the doors.

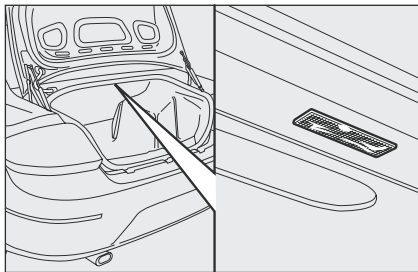


fig. 41

FOR0044m

BOOT LIGHT (where provided) fig. 41

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

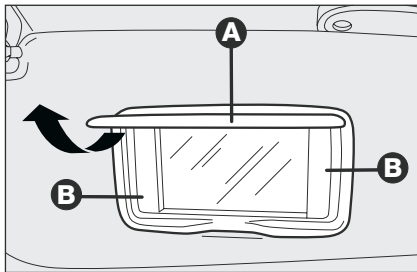


fig. 42

FOR0216m

COURTESY LIGHTS (where provided) fig. 42

Lights **B** by the side of the courtesy mirror will light up when cover **A** on the sun visor on driver's or passenger's side is raised with the key at **MAR**. The lights allow to use the courtesy mirror also in poor conditions of light.

IMPORTANT The lights may only be operated for 15 minutes when the key is turned to stop **STOP**. They will be automatically switched off after this to protect the battery charge.

CONTROLS

HAZARD LIGHTS fig. 43

They turn on by pressing switch **A**, regardless of the position of the ignition key.

When the device is on, the switch is flashing and warning lights $\leftarrow e \rightarrow$ on the panel come blink.

Press the switch again 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.

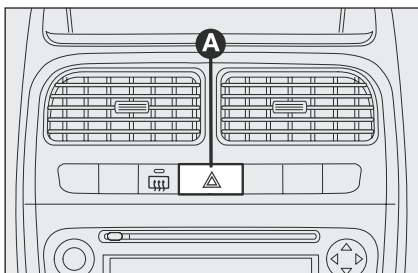


fig. 43

FOR0047m

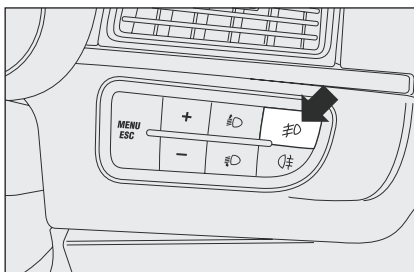


fig. 44

FOR0048m

FRONT FOG LIGHTS (where provided) fig. 44

To turn front fog lights on, press button ☁ , to activate these lights it is necessary to have the side/taillights switched on.

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

Press the button again to turn the lights off.

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

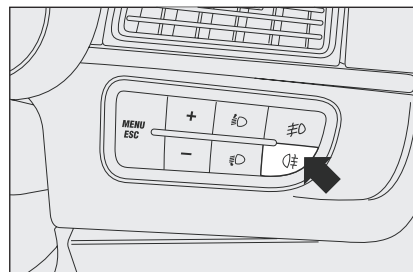


fig. 45

FOR0049m

REAR FOG LIGHTS fig. 45



Press button ☁ to turn these lights on providing the dipped beam headlights or the front fog lights (where provided) are switched on.


The warning light ☁ on the instrument panel will light up.

Either press the button again or switch the dipped beam headlights and/or fog lights (where provided) off.

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

PARKING LIGHTS

These lights can only be turned on with ignition key at **STOP** or removed, by moving the left stalk knurled ring first to **O** and then to position  or .

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

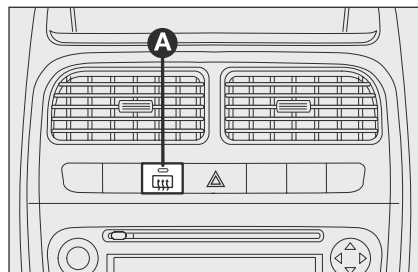


fig. 46

FOR0035m

HEATED REAR WINDOW (where provided) fig. 46

Press button **A** to switch the device on. The device will be switched off automatically after approximately 20 minutes.

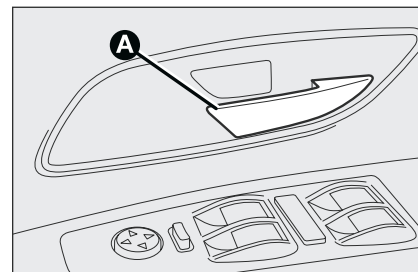



fig. 47

FOR0023m

DOOR LOCK fig. 47

To open: pull lever **A**.

To close: close the door and press lever **A**. Also the rear doors will be locked in this way (centralised door locking system).

Warning light  will light up with the corresponding message on the multifunctional display (see chapter “Warning lights and Messages”).

FUEL CUT-OFF SWITCH

The car is fitted with a safety switch that in the event of a crash comes into operation by cutting off fuel and turning off the engine as a consequence.

This device therefore prevents fuel leaks due to fuel piping breaking.

IMPORTANT After the accident, remember to remove the electronic key from the ignition device to prevent draining the battery.

The message “FPS on” will appear on the digital display when the switch trips. The message “Fuel cut off switch, see handbook” will appear on the multifunctional display.



WARNING

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

Door unlocking in the event of a crash

If the fuel cut-off switch trips following an accident, the doors will be automatically unlocked to let you leave the car and the ceiling lights will be switched on at the same time. The doors can always be opened from the inside of the car by means of the specific levers.

Proceed as follows if no fuel leakage is found and the car is in condition to be driven to rearm the fuel cut-off switch.



WARNING

If the centralised door locking system was operated from inside the car and the fuel cut-off switch did not manage to automatically release the doors, it will not be possible to access the passenger compartment from the outside after an accident. The possibility of opening the doors from the outside depends on the conditions of the doors themselves after the accident: it may not be possible to open a damaged door. In this case, try to open the other doors of the car.

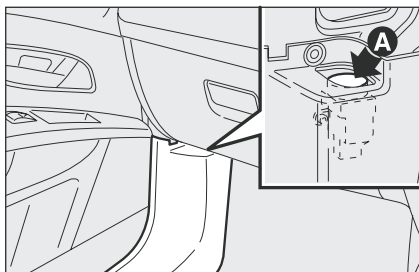


fig. 48

F0R0208m

Re-arming the fuel cut-off switch



WARNING

Before resetting the fuel cut-off switch carefully inspect the car for fuel leaks.

To reset the fuel cut-off switch, press button **A**-fig. 48.

INTERIOR FITTINGS

ODDMENT DRAWER fig. 49-50

To open the drawer operate handle **A**-fig. 49.

Inside the drawer there is a space **A**-fig. 50 to keep documents.

ODDMENT COMPARTMENTS

Oddment compartment **A**-fig. 51, is located on the dashboard, on the left of the steering wheel.

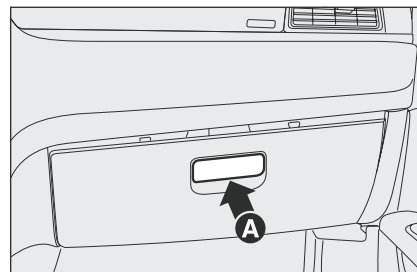


fig. 49

F0R0104m

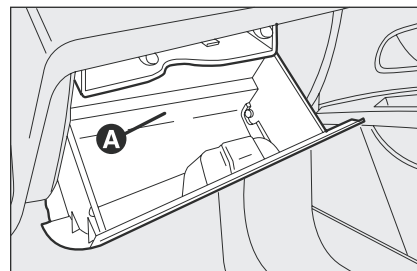


fig. 50

F0R0077m

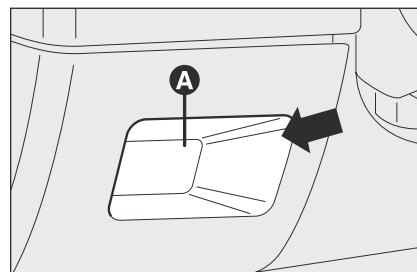


fig. 51

F0R0078m

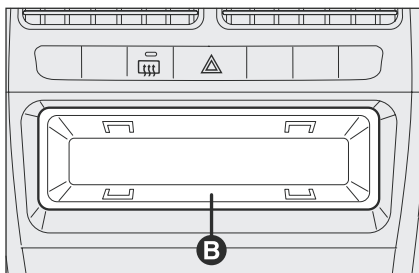


fig. 52

F0R0053m

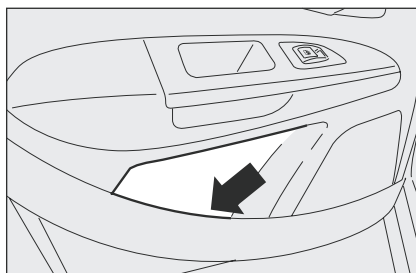


fig. 54

F0R0055m

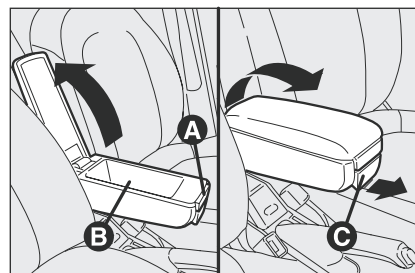


fig. 56

F0R0057m

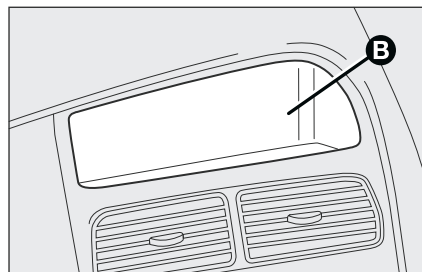


fig. 53

F0R0054m

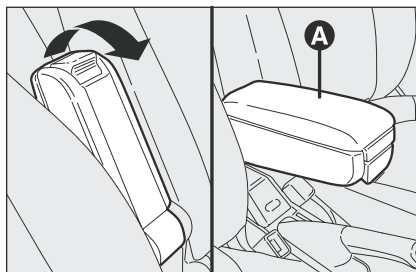


fig. 55

F0R0056m

FRONT ARMREST WITH ODDMENT COMPARTMENT (where provided)

Certain versions are fitted with armrest **A-fig. 55** between the front seats.

To use it, push it down as shown in **fig. 56**.

Press button **A-fig. 56** to raise the upper part of the arm rest and access compartment **B**. Operate lever **C** to move the armrest down with respect to the position of normal use.

Oddment compartment **B-fig. 52** is located in the middle of the dashboard.

CENTRAL CONSOLE ODDMENT COMPARTMENT

The compartment **A-fig. 53** is located on the dashboard central zone.

DOOR POCKETS fig. 54

Paper/map pockets are located in door panels.

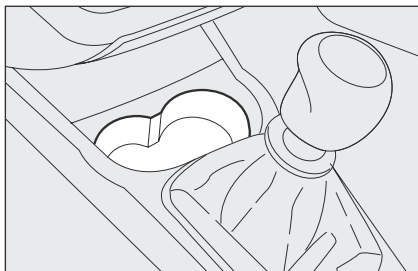


fig. 57

F0R0058m

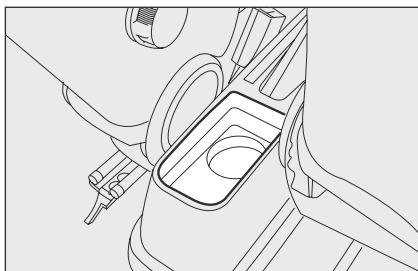


fig. 58

F0R0059m

GLASS HOLDER - CAN HOLDER (where provided) fig. 57-58

There are cup holders on the central tunnel (two cup holders in front of the gear-box and one behind it).

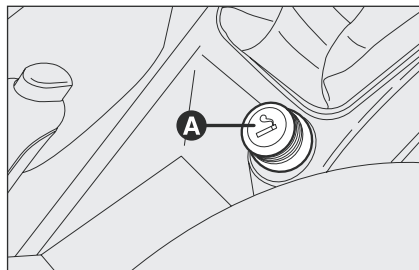


fig. 59

F0R0061m

CIGAR LIGHTER (where provided) fig. 59

It is located on the central console in front of the handbrake.

Press button **A** to switch on the cigar lighter with ignition key at **MAR**.

After about 15 seconds the button will return to its initial position and is ready for use.

IMPORTANT Always check that the cigar lighter has turned off.



WARNING

The cigar lighter becomes very hot. Handle with care. The device must not be used by children: risk of fire and/or burns.

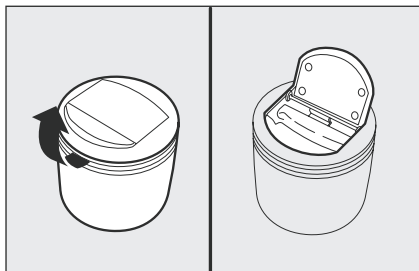


fig. 60

F0R0062m

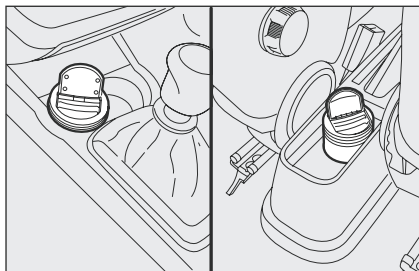


fig. 61

F0R0063m

ASHTRAY (where provided) fig. 60-61

The ashtray is a removable plastic box that can be fitted into the glass/can recesses on the central console.

IMPORTANT Do not use the box as an ashtray and a waste paper basket at the same time: it might set on fire in contact with cigarette stubs.

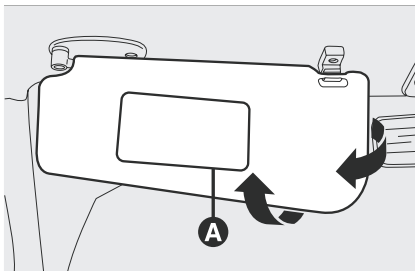


fig. 62

F0R0064m

SUN VISORS fig. 62

These are arranged at the sides of the internal rearview mirror. They may be oriented frontally and to the side.

A courtesy mirror can be applied to the back of sun visors **A**.

A courtesy light may light up according to the versions when the cover is opened.

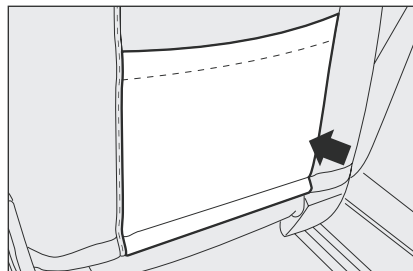


fig. 63

F0R0065m


MAP POCKET (where provided)

On certain versions a map pocket is located on the back of the seat backrest fig. 63.

DOORS

CENTRAL DOOR LOCKING/UNLOCKING SYSTEM

Locking from the outside

With the doors closed, press button  on the remote control **fig. 64** or insert and turn the metallic insert in the driver's side door lock and turn clockwise **fig. 65** (anticlockwise on the passenger door).

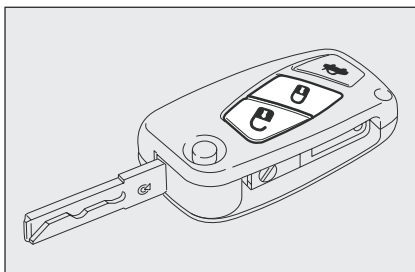


fig. 64

FOR0066m

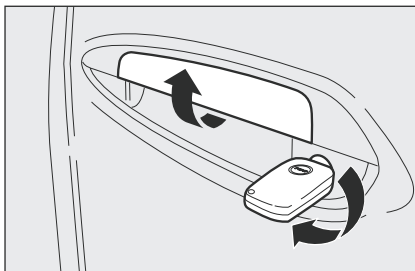



fig. 65

FOR0067m

Door unlocking from the outside

Briefly press button  **fig. 64** to obtain remote door unlocking, timed ceiling light turning on, directions indicator double flashing or fit the metal insert into the driver's door lock and turn it anticlockwise.

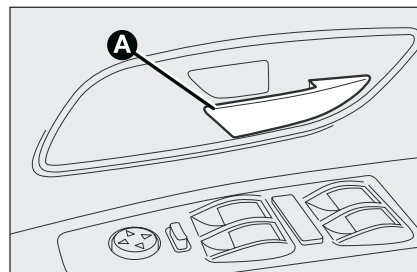


fig. 66

FOR0000m

Door locking/unlocking from the inside

Press lever **A-fig. 66** to unlock all doors. Pull the lever to unlock all doors.

Lacking power (blown fuse, battery disconnected, etc.) it is however possible to lock the doors manually.

After exceeding 20 km/h speed, doors will be locked automatically if the set up menu function has been selected (see paragraph "Multifunction display" in this section).

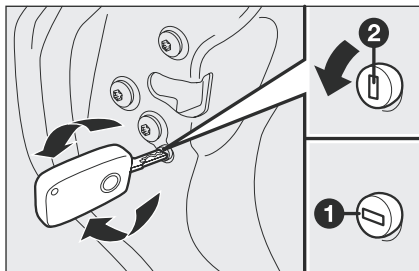


fig. 67

F0R0068m

CHILD LOCK fig. 67

This device prevents opening the rear doors from the inside. This device can be engaged only with rear doors open.

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

The device **A**-fig. 67 stays on even if the doors are unlocked by the centralised system.



WARNING

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

WINDOW WINDERS

POWER WINDOWS

The driver's door armrest features two fig. 68/a or (where provided) five fig. 68/b switches that with key at **MAR** shall be used:

- A** to open/close the right front window;
- B** to open/close the left front window;
- C** to open/close the right rear window (where provided);
- D** to open/close the left rear window (where provided);
- E** to inhibit rear door controls (where provided).

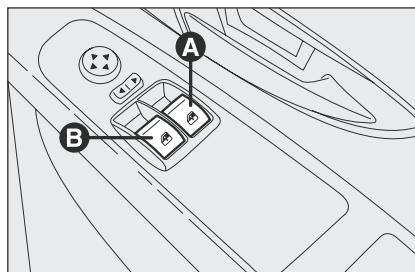


fig. 68/a

F0R0200m

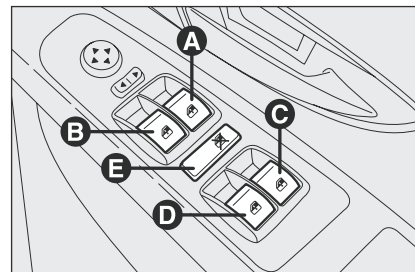


fig. 68/b

F0R0201m

Automatic continuous operation (where provided)

Power windows are equipped with an up/down mechanism for the front driver side window and of a mechanism just for the down movement of the other windows.

Hold one of the buttons pressed for longer than half a second to operate the automatic continuous window operation function. The window will stop when its reached end of travel or when the button is pressed again.

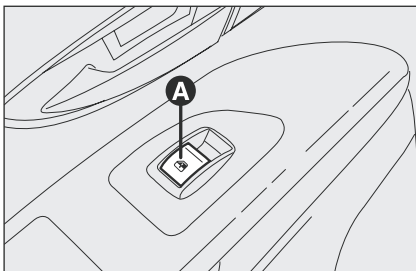


fig. 69

F0R0069m

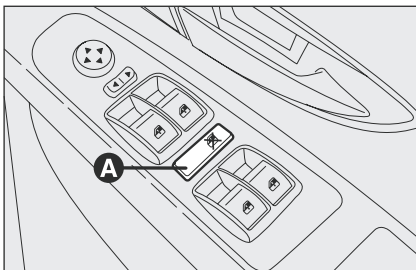


fig. 70

F0R0000m

Front and rear passenger door windows (where provided)

Front passenger door armrest and rear door armrests feature the switches **A-fig. 69** to be used for controlling the corresponding window.

Press button **A-fig. 70** to inhibit rear door controls (where provided).



WARNING

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

Power window system initialisation

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

Initialisation procedure:

- fully close manually the window to initialise;
- after the window has reached the upper end of travel, hold the up button pressed for at least one second.

BOOT



Do not fit additional objects onto the rear window shelf or tailgate (speakers, spoilers, etc.) except when contemplated by the manufacturer to ensure the correct operation of the side gas shock absorbers of the tailgate itself.



WARNING

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



WARNING

Never travel with objects on the rear window shelf: they can cause injury to passengers in the event of an accident or sudden braking.

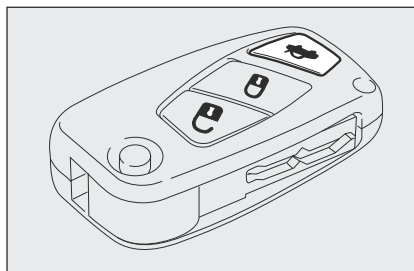


fig. 72

FOR0071m

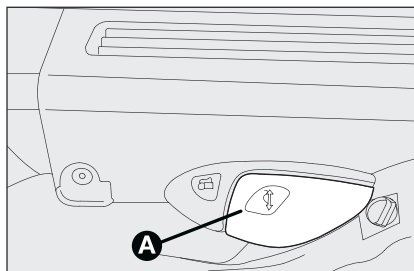



fig. 73

FOR0210m

OPENING THE BOOT

The boot lock may be released from the outside of the car by pressing  on the remote control (where provided) or by inserting and turning the metallic insert of the key in the boot lock anticlockwise as shown in **fig. 74/a**. The boot lock can be released from inside the vehicle operating on lever **A-fig.73** located on driver side seat or pressing push-button (where provided) **B-fig.74/b**.

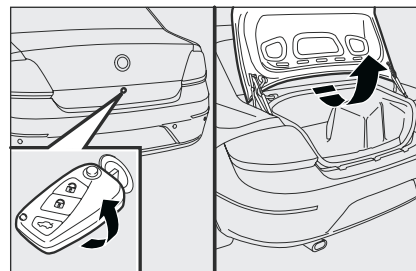


fig. 74/a

FOR0072m

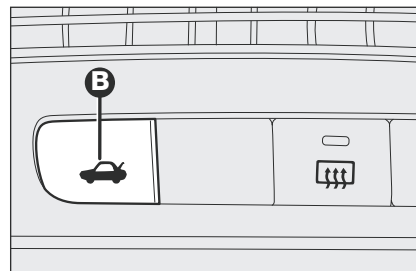


fig. 74/b

FOR0239m

BOOT CLOSING

To close the boot, lower it onto the lock until you hear it click. In emergency conditions (if either the remote control or car battery is flat), release the boot lock by turn the key in clockwise.

EXTENDING THE BOOT

Maximum extension

Tilt the rear seat completely to obtain maximum boot extension.

Proceed as follows:

- completely lower the rear seat head restraints;
- tip the cushions forward;
- pull the fastening devices **A-fig. 74/c** upwards to release the backrests and fold them onto the cushion.

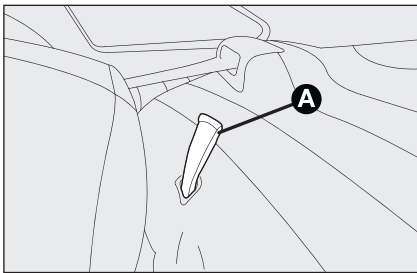


fig. 74/c

F0R0075m

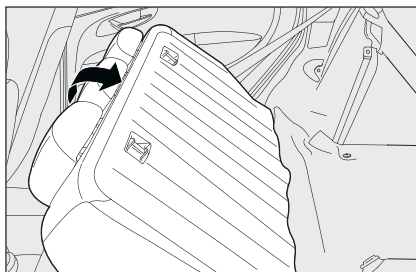


fig. 75

F0R0078m

To return the rear seat back to its original position fig. 75

Lift the backrests and push them back until you hear both fastening mechanisms click and return the cushions to the normal position of use.

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



WARNING

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

BONNET

OPENING THE BONNET

Proceed as follows:

- pull lever **fig. 76** in the direction of the arrow;
- operate lever **A-fig. 77** as shown in the figure;
- lift the bonnet and at the same time release the rod **D-fig. 78** from the catch, then fit end **C-fig. 79** of the rod into the bonnet recess **E**.

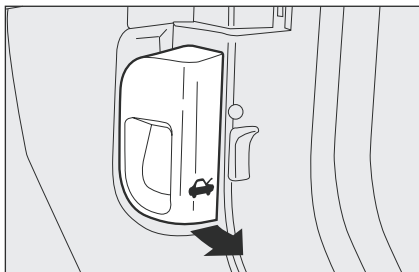


fig. 76

F0R0080m

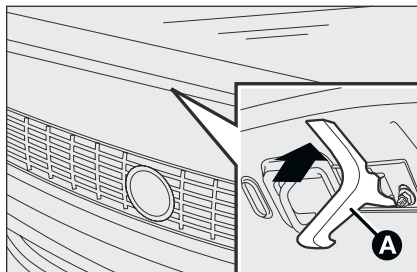


fig. 77

F0R0079m

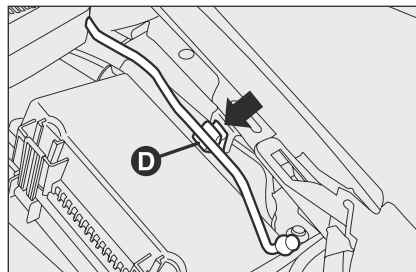


fig. 78

F0R0081m

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

CLOSING THE BONNET

Proceed as follows:

- hold the bonnet up with one hand and with the other remove rod **C**-fig. 79 from seat **E** and fit it back into its catch **D**-fig. 78;

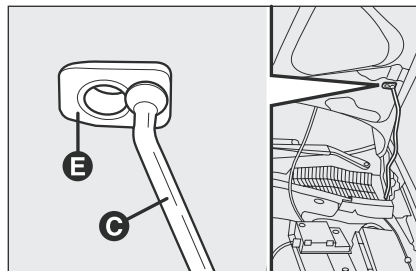


fig. 79

F0R0082m

- lower the bonnet to approximately 20 centimetres from the engine compartment and let it drop. Make sure that the bonnet is completely closed and not only fastened by the safety catch by trying to open it. If it is not perfectly closed, open the bonnet and repeat the procedure. No not simply press it.

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

**WARNING**

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

**WARNING**

The bonnet may drop suddenly if the supporting rod is not in correct position.

**WARNING**

Perform these operations when the car is stationary only.

HEADLIGHTS

BEAM DIRECTION

Correction direction of the headlights is essentially for the comfort and safety of the driver and the other road users. The headlights must be correctly directed to ensure the best visibility conditions when the headlights are on. Contact Fiat-Tata Dealership to have the headlights properly adjusted.

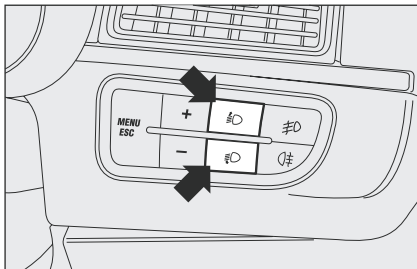


fig. 80

F0R0083m

HEADLIGHT AIMING DEVICE

This device works with the key at **MAR** and the dipped beam headlights on. The car will slant backwards when it is loaded, raising the light beam. The beams must therefore be directed again in this case.

Aiming the headlights fig. 80

Press and on the control panel.

The display located on the instrument panel, provides the visual indication of the positions during the adjustment operation.

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

Position **1** - five passengers.

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

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

IMPORTANT Check beam aiming every time the load carried changes.

AIMING THE FRONT FOG LIGHTS (where provided)

Contact Fiat-Tata Dealership to have the headlights properly adjusted.

ABS SYSTEM (where provided)

If you have never driven a car with ABS before, it is advisable to perform a few tests on slippery ground, naturally in conditions of safety and respecting the Highway Code of the country where you are driving. Read the following information carefully.

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 Maximum efficiency of the braking system is obtained after approximately 500 km (when the car is new or after replacing the brake pads/discs): during this time, avoid sudden, repeated and prolonged braking.



WARNING

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

ABS SYSTEM INTERVENTION

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




WARNING

When the ABS intervenes it means that you are approaching the grip limit between tyres and road: slow down to exploit all the available grip.



FAILURE INDICATIONS

ABS failure

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

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


EBD failure

ABS failure is indicated by the turning on warning lights  and  on the instrument panel together with the dedicated message on the multifunctional display (where provided), (see section “Warning lights and messages”).

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




WARNING

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

EOBD SYSTEM (where provided)

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

It also alerts the driver, by turning on the warning light  on the instrument panel (together with relevant message on the multifunctional display, where provided) (see section “Warning lights and messages”), when these conditions are no longer in peak conditions.



The objective is:

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

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

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



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

SOUND SYSTEM (where provided)

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

SOUND SYSTEM PRESETTING (where provided)

The system consists of:

- ❑ sound system power wires
- ❑ front and rear speaker connecting wires
- ❑ aerial power wire
- ❑ 2 tweeters on front doors
- ❑ 4/6 full-range speakers on rear doors and rear valance panels
- ❑ radio aerial wire.

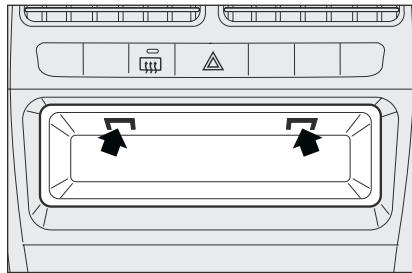


fig. 81

F0R0085m

Sound system installation

The sound system shall be installed in the proper space occupied by the central oddment compartment, here you will find the preset cables.

Lower the fasteners shown in **fig. 81** to remove the box.



WARNING

For connection to existing car presetting system, contact Fiat-Tata Dealership to prevent any trouble that could impair car safety.

ACCESSORIES PURCHASED BY THE OWNER

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



WARNING

Be very careful when fitting non-standard additional spoilers, light alloy wheels or wheel cups: they could reduce brake ventilation and consequently brake efficiency in the case of repeated, violent braking or on long downhill roads. Make sure that nothing obstructs the pedal stroke (mats, etc.)

ELECTRICAL/ELECTRONIC DEVICE INSTALLATION

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



FIAT INDIA AUTOMOBILES LTD. authorises the installation of transceiving devices provided that they are installed according to rules of good engineering practice respecting the manufacturer's indications by a specialised centre.

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

FIAT INDIA AUTOMOBILES LTD. shall not be liable for damage caused by the installation of accessories either not supplied or recommended by FIAT INDIA AUTOMOBILES LTD. and/or installed in compliance with the provided instructions.

TRANSCIVERS AND MOBILE PHONES

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

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

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

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

AT THE FILLING STATION

PETROL ENGINES

Use only unleaded petrol.

The petrol octane rating (RON) must not be lower than 91.

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

For better performance use only normal diesel (avoid premium diesel / with additives) conforming with cetane number 51 minimum for diesel version. If the outside temperature is very low, the diesel thickens due to the formation of paraffin clots and could clog the diesel fuel filter.

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 you accidentally introduce other types of fuel in the tank, do not start the engine and empty the tank. If the engine has run also for a very short time, you will need to have the entire fuel feed system emptied in addition to the tank.

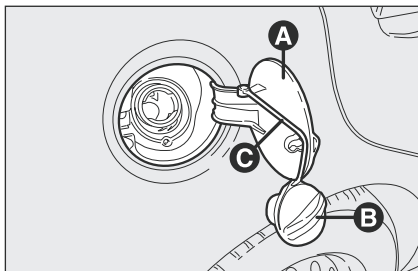


fig. 82

FOM0203m

FUEL FILLER CAP fig. 82

To carry out fuelling, operate lever **A**-fig. 83/84 to release the flap **A** and unscrew cap **B**; the cap is fitted with a special device **C** which fastens it to the lid so it cannot be mislaid.

In some versions, cap **B** may be provided with a lock and key; use the ignition key to access the flap **A**-fig. 82, turn it anti-clockwise and loosen the cap itself.

The airtight closing may determine a slight increase of pressure in the tank. A suction noise when you release the cap is therefore entirely normal.

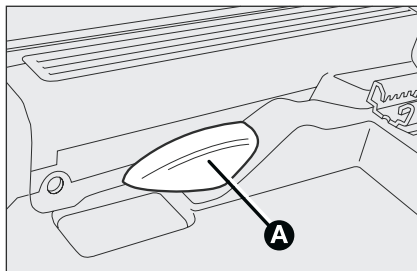


fig. 83

FOR0210m

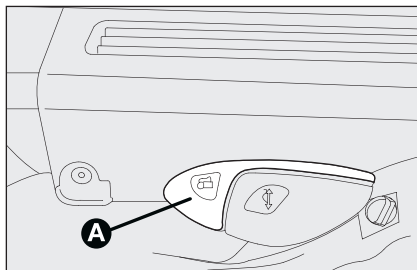


fig. 84

FOR0210m

When refuelling, position the cap on the device inside the lid as shown in **fig. 82**.



WARNING

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

PROTECTING THE ENVIRONMENT

The devices for curtailing petrol engine emissions are the following:

- three-way catalytic converter;
- lambda sensors;
- fuel evaporation system.

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

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

- oxidising catalytic converter;
- exhaust gas recirculation system (E.G.R.).



WARNING

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

SAFETY DEVICES

SEAT BELTS	78
S.B.R. SYSTEM	79
PRETENSIONERS.....	80
CARRYING CHILDREN SAFELY	83
FRONT AIRBAGS	87

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

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 of the tongue **A** and insert it into the buckle **B**, until hearing the locking click.

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

Press button **C** to release the belt. Accompany the belt while it is being rewound to prevent twisting.

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

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

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

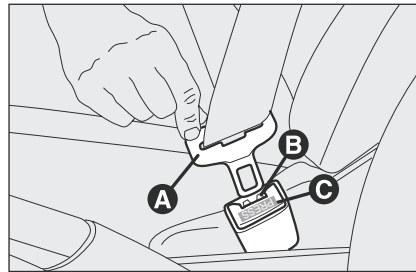


fig. 1

FOR0150m

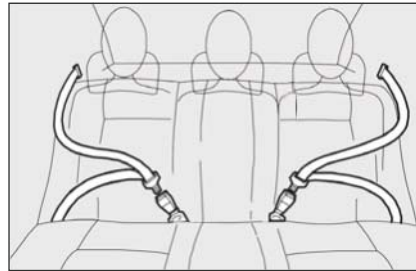


fig. 2

FOR0088m



WARNING

Never press button C-fig. 1 when travelling.

The rear seat belts must be used as shown in the diagram in **fig. 2**.

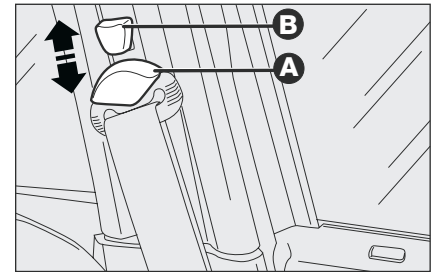


fig. 3

FOR0151m

ADJUSTING THE FRONT SEAT BELT HEIGHT

Always adjust the seat belt height to the passenger's body: this precaution may considerably reduce the risk of injury in the event of a collision.

Correct regulation is obtained when the belt passes approximately half way between the shoulder and the neck.

To adjust, move the grip **A-fig. 3** of the locking mechanism either up or down and at the same time move the ring **B-fig. 3** to the most suitable of the allowed positions.

IMPORTANT Make sure the backrest is correctly fastened when returning it to the position of normal use after folding it.



WARNING


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



WARNING

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

S.B.R. SYSTEM

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

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

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

For permanent deactivation, contact Fiat-Tata Dealership.

With digital display, the S.B.R. system can only be reset at Fiat-Tata Dealership.

PRETENSIONERS (where provided)

To increase the efficiency of the seat belts, the car is fitted with pretensioners. These devices, in the event of a violent crash, rewind the seat belts a few centimetres. In this way they ensure that the seat belt adheres perfectly to the wearer before the restraining action begins.

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

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

A slight amount of smoke may be detected during operation of the pretensioners. This smoke is not harmful and does not indicate a fire.

The pretensioner does not require any maintenance or greasing.

Anything that modifies its original conditions invalidates its efficiency.

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



WARNING

The pretensioner can only be used once. Go to a Fiat Tata Dealership to have it replaced after it has been deployed. The expiration date is shown on the label in the oddment compartment: go to a Fiat-Tata Dealership to have the device replaced when the expiration 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-Tata Dealership for any assistance.

LOAD LIMITERS

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

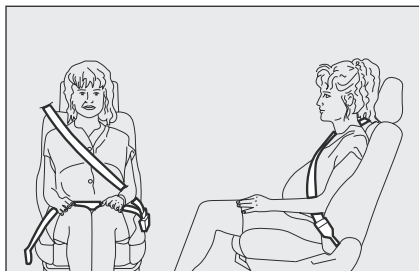


fig. 4

F0R0089m

GENERAL INSTRUCTIONS FOR USING THE SEAT BELTS

The driver is responsible for respecting and ensuring that all the other occupants of the car also respect the local laws in force in relation to the use of seat belts. Always fasten the seat belts before starting off.

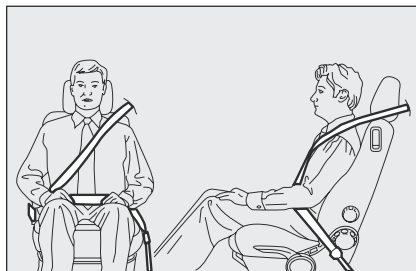


fig. 5

F0R0090m

Seat belts must also be used by pregnant women: risk will be significantly reduced for both the expectant mother and the child in the event of an accident.



fig. 6

F0R0091m

Of course they must position the lower part of the belt very low down so that it passes under the abdomen, see **fig. 4**.



WARNING

The belt must not be twisted. The upper part must cross the shoulder and the chest diagonally. The lower part must adhere to the hips fig. 4 not to the abdomen. Do not use devices (clips, etc.) to hold the seat belt away from your body.

**WARNING**

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

**WARNING**

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

**WARNING**

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

**WARNING**

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

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;
- ❑ replace the belt after an accident of a certain severity even if it does not appear damaged. Always replace the belt if the pretensioners were deployed.
- ❑ to clean the belt, wash by hand with water and mild soap, rinse and leave to dry in the shade. Do not use strong detergents, bleach, paints or any other substance which could damage the belt fibres;
- ❑ keep the reels dry: correct operation may only be ensured if the reels are dry;
- ❑ replace the seat belt when showing significant wear or cut signs.

CARRYING CHILDREN SAFELY

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

This is even more important for children.

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

A child's head is larger and heavier in proportion to its body and the child's muscular and bone structures are not fully developed. For this reason, they require restraint systems which are different from those used by adults to protect them in the event of an accident. The research results in relation to the best protection for children is illustrated in European Regulation EEC-R44 which divides the restraint systems into five groups in addition to making their use compulsory:

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

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

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

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

Linea accessories Fiat includes child restraint systems for each weight group. These devices are recommended having been specifically designed for Fiat cars.

**WARNING**

Do not place a cradle seat facing backwards on the front seat if the passenger side airbag is on. Deployment of the airbag in an accident could cause fatal injuries to the baby regardless of the severity of the collision. It is advisable to carry children in an appropriate restraint system on the rear seat which is the most protected position in the event of an accident.

**WARNING**


SEVERE DANGER *If you need to carry a baby on the front passenger seat in a cradle restraint system facing backwards, the passenger side airbags (front and side bags, where provided) must be deactivated using the setup menu. Check the warning light  on the instrument panel. Move the passenger's seat as far back as possible to avoid contact between the cradle and the dashboard.*





fig. 7

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 **fig. 7** and in turn it must restrain the child with its own belts.



fig. 8

GROUP I

Starting from 9 kg to 18 kg in weight, children may be carried facing forwards, with seat fitted with front cushion, through which the car seat belt restrains both child and seat **fig. 8**.



fig. 9

GROUP 2

Children from 15 to 25 kg may use the car seat belts directly **fig. 9**. The child seat is only needed to position the child correctly with respect to the belts so that the diagonal section crosses the child's chest and never the neck and is snug on the hips not the abdomen.



WARNING

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



WARNING

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



WARNING

The figure is indicative for assembly purposes only. Refer to the instructions supplied with the child restraint.



fig. 10

FOR0095m

GROUP 3

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

Fig. 10 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 indicative for assembly purposes only. Refer to the instructions supplied with the child restraint.

PASSENGER SEAT COMPLIANCE WITH REGULATIONS ON CHILD'S SEAT USE

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

Group	Weight group	Passenger front	Passenger rear	Passenger rear central
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 EEC-R44 for the specified "Groups".

(▼) on cars not fitted with passenger's seat adjustable in height, the seat back shall be positioned perfectly upright.

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

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

- 1) The recommended position for installing child's seat is on the rear seat, as it is the most protected in the case of a crash.
- 2) If the passenger's air bag is deactivated always check the amber warning light on the cluster to make sure that it has actually been deactivated.
- 3) Carefully follow the instructions supplied with the child restraint system which are mandatory by law. Keep the instructions in the car along with the other papers and this handbook. Do not use child seats without instructions.

- 4) Always check the seat belt is well fastened by pulling the webbing.
- 5) Only one child is to be strapped to each retaining system.
- 6) Always check the seat belts do not fit around the child's throat.
- 7) While travelling, do not let the child sit incorrectly or release the belts.
- 8) Never carry children on your lap, even newborns. No-one, however strong, can hold a child in the case of an accident.
- 9) In case of an accident, replace the child's seat with a new one.



WARNING

Do not place a cradle seat facing backwards on the front seat if the passenger side airbag is on. Deployment of the airbag in an accident could cause fatal injuries to the baby regardless of the severity of the collision. It is advisable to carry children in an appropriate restraint system on the rear seat which is the most protected position in the event of an accident.

FRONT AIRBAGS (where provided)

The car is provided with front airbags for the driver and the passenger.

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

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

An electronic control unit will make the bag inflate in the event of a frontal crash. The bag will inflate instantaneously placing itself between the front occupant's body and the structures which could cause injury. It will deflate immediately afterwards.

Driver and passenger front airbags are not a replacement of but complementary to the belts, which you are recommended to always wear, as specified by law in Europe and most non-European countries.

The volume of front air bags at max. inflation fills most of the space between the steering wheel and the driver and between the dashboard and the passenger.

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

Front air 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, etc.);
- ❑ jamming of the car underneath other vehicles or protective barriers (e.g. underneath a truck or a guard rail); in this case, the bags would offer no additional protection with respect to the seat belt and their deployment is unnecessary. No deployment in such cases is consequently not the sign of a fault.



WARNING

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

The airbags are not deployed in the event of collisions of low severity (for which the withholding action of the seat belts is sufficient). For this reason, the seat belt must be worn at all times. In the case of side collisions, the seat belts hold occupants in the correct position and prevent being thrown out of the car by a very violent collision.

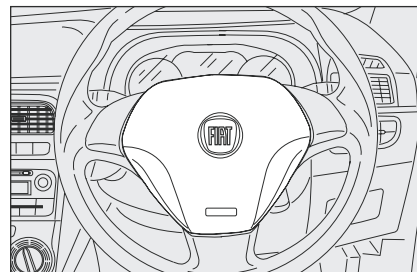


fig. 11

F0R0099m

DRIVER'S FRONT AIR BAG fig. 11

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

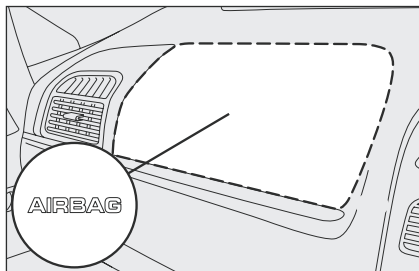


fig. 12

PASSENGER'S FRONT AIR BAG fig. 12

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



WARNING

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




WARNING

To deactivate the passenger's front air bag, refer to paragraphs "Digital display" and "Multifunctional display" in section "Dashboard and controls".

MANUAL DEACTIVATION OF PASSENGER'S FRONT AIR BAG

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

The instrument panel warning light  will stay on glowing steadily until reactivating the passenger's front air bag.

IMPORTANT The front air 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 of low obstacles, falling of the car in big holes or sags in the road.

IMPORTANT A small amount of dust will be released when the airbags are deployed. The dust is not harmful and does not indicate the beginning of a fire. Furthermore, the surface of the deployed bag and the interior of the car may be covered in a dusty residue: this dust may irritate the skin and the eyes. Wash with mild soap and water in the event of exposure.

The expiration date of the explosive charge and the clock wire are shown on a specific label contained in the oddment compartment. Go to a Fiat-Tata Dealership to have the devices replaced when the expiration date approaches.

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

All inspection, repair and replacement operations concerning the air bags must only be carried out c/o Fiat-Tata Dealership.

If you are having the car scrapped, have the air bag system deactivated at a Fiat-Tata 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's Handbook".

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



WARNING

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




WARNING

Never lean head, arms and elbows out of window.

GENERAL WARNINGS



WARNING

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



WARNING

Do not cover the backrest of front and rear 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 drive holding your hands on the steering wheel rim so that the airbag can inflate freely in the case of need. Do not drive with your body bent forward. Keep your back straight against the back rest.



WARNING

Have the airbag system checked by a Fiat-Tata Dealership if the car was stolen, if theft was attempted, or if the car was subjected to vandalism or flooding.



WARNING

The airbag deployment threshold is higher than that of the pretensioners. For collisions in the range between the two thresholds, it is normal for only the pretensioners to be activated.



WARNING

Airbags may be deployed if another vehicle crashes if the key is inserted and at MAR also if the engine is not running and the car is stationary. For this reason, children must never sit on the front seat, even if the car is not moving. On the other hand, if the key is inserted and at STOP, none of the safety devices (airbag or pretensioners) will be deployed in a collision. Non deployment of the devices in this case does not indicate a system fault.



WARNING

When the key is turned to MAR warning light (with passenger front airbag activate) will blink for a few seconds to remind you that the airbag will be deployed in the event of a collision after which it should go out.



WARNING

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



WARNING

Do not wash the seats with pressurised water or steam (by hand or in automatic seat washing stations).



WARNING

Airbags do not replace seat belts but increase their efficiency. Furthermore, since front airbags are not deployed in low speed collisions, side collisions, rear-end shunts or roll-overs, the occupants are only protected by the seat belts which must be fastened at all times.

CORRECT USE OF THE CAR

ENGINE STARTING	93
PARKING THE CAR	96
USING THE MANUAL GEARBOX	97
CONTAINING RUNNING COSTS	98
CAR INACTIVITY	100

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

ENGINE STARTING

The car is provided with an electronic engine lock device: refer to “The Fiat CODE system” paragraph in “Dashboard and controls” if you cannot start the engine.

The engine may be noisier during the first seconds of operation, particularly after a long period of inactivity. This is characteristic of hydraulic tappets, the timing system chosen to reduce the number of servicing interventions and does effects neither functionality nor reliability.



It is advisable not to demand maximum performance from your car (e.g. excessive accelerations, long distances at top rpm, excessive intense braking, etc.) as soon as the engine is started.



Do not leave the key in the ignition switch with the engine off to avoid unnecessary consumption of electricity which could drain the battery. It is dangerous to run the engine in closed environments.



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 brake booster 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 into neutral;
- press the clutch pedal down to the floor without touching the accelerator;
- turn the ignition key to **AVV** and let it go the moment the engine starts.

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






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

IMPORTANT if  on the instrument panel remains on and steady, go to a Fiat-Tata Dealership immediately.



IMPORTANT Never leave the ignition key to **MAR** when the engine is off.


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**; instrument panel warning lights  and  will light up;
- wait for the warning light  e  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. Waiting too long will waste the work done by the glow plugs. Release the key as soon as 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**, the instrument panel warning light  remains lit together with warning light  turn the key to **STOP** and then back to **MAR**; if the warning lights remain on, try with the other keys provided with the car.

IMPORTANT If the instrument panel warning light  stays on glowing steadily, contact immediately Fiat-Tata Dealership.

IMPORTANT Never leave the ignition key to **MAR** when the engine is off.



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

HOW TO WARM UP THE ENGINE AFTER IT HAS JUST STARTED (petrol and diesel engines)

Proceed as follows:

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



Remember that the brake booster 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.



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

STOPPING THE ENGINE

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

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



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

PARKING THE CAR

Proceed as follows:

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

If the car is parked on a steep slope, it is further advisable to block the wheels with a wedge or stone. Do not leave the key in the ignition switch to prevent draining the battery. Always remove the key when you leave the car.



WARNING

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

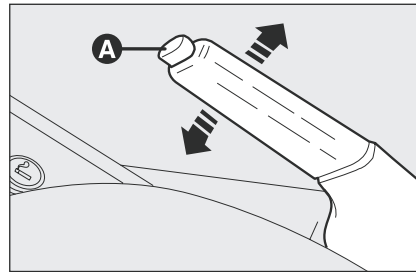


fig. 1

HANDBRAKE fig. 1

The handbrake lever is located between the two front seats.

Pull the lever upwards to operate the handbrake. Four or five notches are normally sufficient to lock the car on flat terrain, while nine or ten may be necessary on a steep slope with the car loaded.

IMPORTANT If this is not the case, contact Fiat-Tata 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 **(I)** will turn on.

Proceed as followed to release the handbrake:

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

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 Reverse may only be engaged when the car is at a standstill. With the engine running, wait for at least 2 seconds with the clutch pedal fully pressed before engaging reverse to prevent damage to the gears and grating.

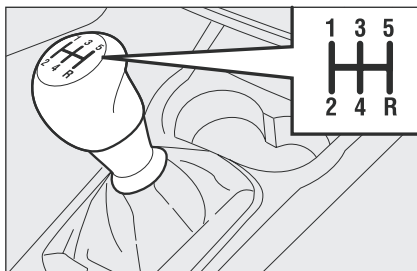


fig. 2

FOR0154m

To engage reverse **R** from neutral position, shift the lever right-wards and then back **fig. 2**.



WARNING

Press the clutch pedal fully to change gears correctly. For this reason, there must be no obstacles on the floor under the pedals: make sure that mats are always flat and do not interfere with the pedals.



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

CONTAINING RUNNING COSTS

Here are some suggestions which may help you to keep the running costs of your car down and lower the amount of toxic emissions released into the atmosphere.

GENERAL CONSIDERATIONS

Car maintenance

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

Tyres

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

Unnecessary loads

Do not travel with 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.

Electric devices

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

Climate control

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

Spoilers

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

DRIVING STYLE

Starting

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

Unnecessary actions

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

Gear selection

Use a higher gear as soon as traffic and road conditions allow. Using a low gear for faster acceleration will increase consumption.

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

Top speed

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

Acceleration

Sudden acceleration has a very negative effect on consumptions and emissions: accelerate gradually and do not go over the maximum torque ratio.

CONDITIONS OF USE

Cold starting

Short distances and frequent cold start-ups will prevent the engine from reaching optimal running temperature. Consequently, both consumption (from +15 to +30% on urban cycle) and emissions will increase.

Traffic and road conditions

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

Traffic hold-ups

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

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

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 negative battery terminal and check battery charge (see paragraph “Charge level check” in chapter “Maintenance and care”). Repeat this check once every three months during storage. Recharge the battery if necessary (see paragraph “If the battery is flat” in chapter “In an emergency”);

- clean and protect the painted parts using protective wax;
- clean and protect the shiny metal parts using special compounds readily available;
- sprinkle talcum powder on the rubber windscreen and rear window wiper blades and lift them off the glass;
- slightly open the windows;

- cover the car with a fabric or perforated plastic tarpaulin. Do not use compact plastic sheets which do not allow humidity to evaporate from the surface of the car;
- inflate tyres to +0.5 bar above the normal specified pressure and check it at intervals;
- if you don't disconnect the battery from the electric system, check its charge every month (see paragraph “Charge level check” in chapter “Maintenance and care”);
- recharge the battery if necessary (see paragraph “If the battery is flat” in chapter “In an emergency”);
- do not drain the engine cooling system.

IMPORTANT Where relevant, switch off the car alarm with the remote control.

WARNING LIGHTS AND MESSAGES

GENERAL WARNINGS	102	FIAT CODE PROTECTION SYSTEM FAILURE.....	108
LOW BRAKE FLUID	102	EXTERNAL LIGHTS FAILURE	109
HANDBRAKE ON.....	102	REAR FOG LIGHTS.....	109
AIR BAG FAILURE	103	GENERIC FAILURE INDICATION	109
HOT ENGINE COOLANT	103	SIDELIGHTS AND LOW BEAMS	110
LOW BATTERY CHARGE	104	FOLLOW ME HOME	110
LOW ENGINE OIL PRESSURE.....	104	FRONT FOG LIGHTS	110
INCOMPLETE DOOR LOCKING.....	105	LEFT-HAND DIRECTION INDICATOR	110
SEAT BELTS NOT FASTENED	105	RIGHT-HAND DIRECTION INDICATOR	110
EBD SYSTEM FAILURE	105	MAIN BEAM HEADLIGHTS.....	110
INJECTION SYSTEM FAILURE (DIESEL VERSIONS)	106		
EOBD SYSTEM FAILURE (PETROL VERSIONS)	106		
FRONT PASSENGER AIRBAG DEACTIVATED	107		
ABS SYSTEM FAILURE.....	107		
FUEL RESERVE	107		
GLOW PLUG WARMING	108		
GLOW PLUG WARMING FAILURE	108		
WATER IN DIESEL FUEL FILTER	108		

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

WARNING LIGHTS AND MESSAGES

GENERAL WARNINGS

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

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

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

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

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



**LOW BRAKE FLUID
LEVEL (red)**

HANDBRAKE ON (red)

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

Handbrake on

The warning light turns on when the handbrake is on.

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



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-Tata Dealership.



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 steady if there is a failure in the airbag system.

On certain versions the dedicated message is displayed.





WARNING

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



WARNING

Failure of warning light  (warning light off) is indicated by warning light  which will blink for longer than the normal 4 seconds indicating that the front passenger airbag is off.



HOT ENGINE COOLANT (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, proceed as follows:

- **during normal travel:** stop the car, stop the engine and check that the water level in the vessel is not under the **MIN** line. In this case, wait for a few minutes for the engine to cool down when slowly and carefully open the cap, top-up with coolant and check that the level is between the **MIN** and **MAX** references on the vessel itself. Also check for leakages. Go to a Fiat-Tata Dealership if the warning should come on when the engine is started again.

- ❑ **In the case of demanding use** (e.g. towing trailers uphill or car at full load): slow down and stop the car if the warning light stays on. Stand for 2 or 3 minutes with the engine running and slightly accelerated to promote a better circulation of coolant. Then stop the engine. Check correct liquid level as described above.

IMPORTANT Under severe use of the car, keep the engine on and slightly accelerated for 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).

Go to a Fiat-Tata Dealership immediately if the warning light stays on either steady or blinking.




LOW ENGINE OIL PRESSURE (red)

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

On certain versions the dedicated message is displayed.



WARNING

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



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 when doors/tailgate are open and the car is moving.





SEAT BELTS NOT FASTENED (red)

The warning light on the display will light up when the car is moving and the driver's seat belt is not correctly fastened. The warning light will blink and a buzzer will sound if the front seat belts are not correctly fastened. The buzzer of the S.B.R. (Seat Belt Reminder) system may only be switched off by a Fiat-Tata Dealership. On some versions the system may be reactivated from the setup menu.



EBD FAILURE (red) (amber)

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

On certain versions the dedicated message is displayed.



INJECTION SYSTEM FAILURE (Multijet versions - amber)

EOBD 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, you may continue travelling at moderate speed without demanding excessive effort from the engine. Go to a Fiat-Tata 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 off after engine starting. This indicates that the warning light is working correctly. If the warning light either stays on or comes on while travelling:

- *steady light*: 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, you may continue travelling at moderate speed without demanding excessive effort from the engine. Prolonged use of the car with the warning light on may cause damage. Go to a Fiat-Tata Dealership as soon as possible. If warning light will go out after the fault goes away but it will be stored in the system.

- *blinking*: indicates the possibility of damage to the catalyser (see “EOBD system” in section “Dashboard and controls”).


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




Go to a Fiat-Tata Dealership as soon as possible if warning light  either does not light up when the key is turned to MAR to if while travelling the warning lights comes on either steady or blinking (along with a message on the display).







FRONT PASSENGER AIRBAG DEACTIVATED (amber)

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

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



WARNING

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



ABS SYSTEM FAILURE (amber)

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

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

On certain versions the dedicated message is displayed.



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 7 litres fuel are left in the tank.

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



**GLOW PLUG
WARMING**
(Multijet versions - amber)

**GLOW PLUG
WARMING FAILURE**
(Multijet versions - amber)

Glow plug warming

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

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

Glow plug warming failure

The warning light will blink in the event of a failure to the glow plug heating system. Go to a Fiat-Tata 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 the dedicated message is displayed.





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

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

Contact Fiat-Tata Dealership to have all the key stored.




EXTERNAL LIGHT FAILURE (amber)

The warning light will come on (some versions only) when a fault to one of the following lights is detected:

- side/taillights
- brake lights
- rear fog lights
- direction indicators
- number plate lights.

The fault may be caused by: one or more burnt lamps, a blown protection fuse or interruption of the electrical connection.

On certain versions warning light  comes on instead.

On certain versions the dedicated message is displayed.



REAR FOG LIGHTS (amber)

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




GENERIC FAILURE INDICATION (amber)

The warning light turns on in the following circumstances.

Engine oil pressure sensor failure

The warning light turns on when failure is detected in Engine oil pressure sensor. Go to a Fiat-Tata Dealership to have the fault fixed as soon as possible.

External light fault (where provided)

See description of warning light .

Fuel cut-off switch tripped

The warning light comes on when the fuel cut-off switch trips.

The display will show the dedicated message.

Speed limit exceeded (where provided)

The display will show the dedicated message when the car exceeds the set speed limit (see “Multifunctional Display” in section “Dashboard and controls”).

Diesel filter failure (where provided)

The warning light will come on when a diesel filter system failure is detected. The display will show the dedicated message (where provided).



**SIDE/TAIL LIGHTS
AND LOW BEAMS**
(green)

FOLLOW ME HOME
(green)

Side/taillights and low beams

The warning light turns on when side/tail-lights 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) (where provided)

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.



MAIN BEAMS (blue)

The warning light turns on when the main beams are turned on.

Note :

The following symbols may appear on Instrument Panel, but are not applicable to the Indian version.



IN AN EMERGENCY

STARTING THE ENGINE	112
REPLACING A WHEEL	113
WHEN NEEDING TO CHANGE A BULB	119
IF AN EXTERIOR LIGHT BURNS OUT	121
IF AN INTERIOR LIGHT BURNS OUT	126
IF A FUSE BLOWS	128
IF THE BATTERY IS FLAT	135
LIFTING THE CAR	135
TOWING THE CAR	135

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY


CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

STARTING THE ENGINE

EMERGENCY START-UP

Go to a Fiat-Tata Dealership immediately if instrument panel warning light  comes on steady.

JUMP STARTING fig. 1

If the battery is flat, the engine may be started using an auxiliary battery with the same capacity or a little higher than the flat one.

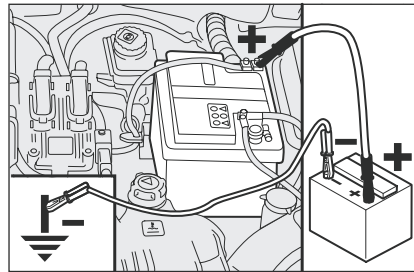


fig. 1


F0R0242m



WARNING

This procedure must be performed by expert personnel because incorrect actions may cause electrical discharge of considerable intensity. Furthermore, battery fluid is poisonous and corrosive: avoid contact with your skin and eyes. Keep naked flames away from the battery. No smoking. Do not cause sparks.

Proceed as follows to start the engine:

- connect positive terminals (+ near the terminal) of the two batteries with a jump lead;
- with a second lead, connect the negative terminal (-) of the auxiliary battery to an earthing point  on the engine or the gearbox of the car to be started;
- start the engine;
- when the engine has been started, remove the leads reversing the order above.

If after a few attempts the engine does not start, do not insist but contact the nearest Fiat-Tata Dealership.

IMPORTANT Never connect the negative terminals of the two batteries directly: sparks could ignite explosive gas released from the battery. If the auxiliary battery is installed on another car, prevent accidental contact between metallic parts of the two cars.

JUMP STARTING

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

IMPORTANT Remember that the brake booster and the power steering system are not operating until the engine is started, a greater effort will therefore be required to press the brake pedal or turn the steering wheel.

REPLACING A WHEEL

GENERAL INSTRUCTIONS

Wheel changing and correct use of the jack and spare wheel call for some precautions as listed below.



WARNING

Indicate that the car is stationary according to the laws in force: hazard lights, triangle, etc. Passengers should leave the car, particularly if it is very loaded and wait for the wheel to be changed away from on-coming traffic. Apply the handbrake.

**WARNING**

The spare wheel is specific for your car. Do not use it on cars of different models. Do not use spare wheels of different models on your car. The wheel bolts are specific for your car. Do not use them on cars of different models. Do not use bolts of different models on your car.

**WARNING**

Repair and refit the standard wheel as soon as possible. Do not apply grease to the bolt threading before assembly: the bolts could come loose unexpectedly.

**WARNING**

The jack may only be used to replace wheels on the car which it equips or other cars of the same model. Never use the jack for other purposes, such as lifting other car models. Never use the jack to carry out repairs under the car. Incorrect positioning of the jack may cause the car to fall. Do not use the jack for loads higher than those shown on the label.

**WARNING**

Incorrect wheel cup assembly may cause it to come off when the car is travelling. Never tamper with the inflation valve. Never introduce tools of any kind between rim and tyre. Check tyre and spare wheel pressure regularly referring to the values shown in the “Technical Specifications” chapter.

Important notes:

- the jack weighs 1.76 kg;
- the jack requires no adjustment;
- the jack cannot be repaired: replace with an original spare part if damaged;
- no tool other than its handle may be fitted on the jack.

To change a wheel proceed as follows:

- ❑ stop the car in a position so that it is not a danger for on-coming traffic and where you can replace the wheel safely. The ground must be flat and compact;
- ❑ stop the engine off and pull up the hand-brake;
- ❑ engage first gear or reverse;

- ❑ wear the reflecting safety jacket (compulsory by law in certain countries) before getting out of the car;
- ❑ open the tailgate and lift the mat;

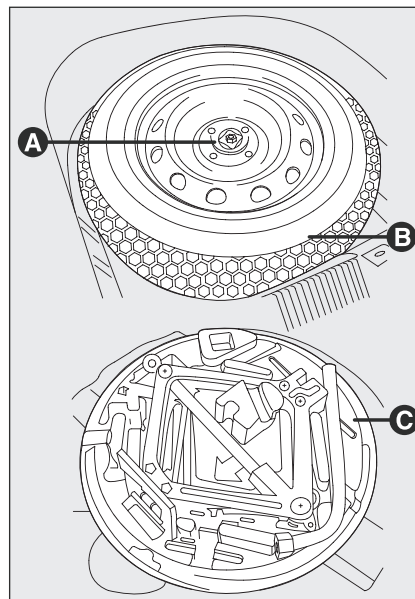


fig. 2

FOR0107m

- ❑ loosen the fastener **A**;
- ❑ take the spare wheel **B**;
- ❑ take out the tool box **C** and take it near to the wheel to be changed;

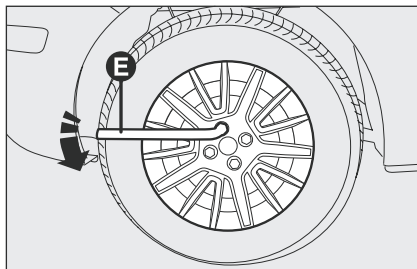


fig. 3

FOR0108m

- loosen the bolts of the wheel to be replaced by about one turn with the wrench provided **E-fig. 3**; if the car is fitted with alloy rims, shake the car to facilitate removing the rim from the wheel hub;

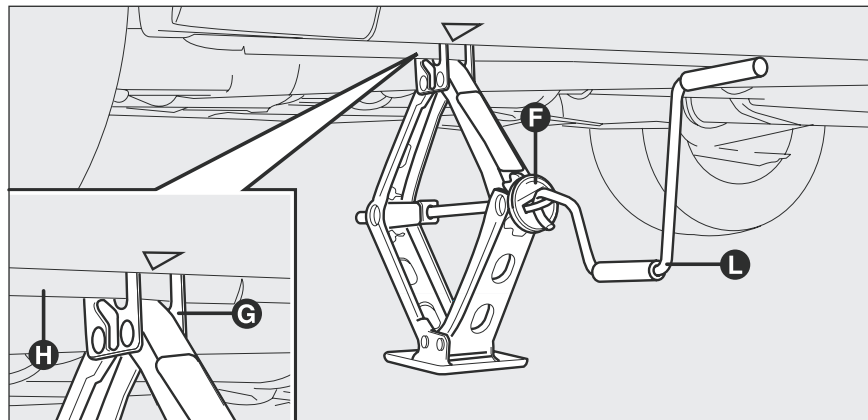


fig. 4

FOR0155m

- operate the device **F-fig. 4** to extend the jack until the top of the jack **G-fig. 4** fits correctly into catch **H-fig. 4**;
- warn anybody nearby that the car is about to be lifted. They must stay clear and not touch the car until it is back on the ground;
- fit the handle **L-fig. 4** to operate the jack and lift the car until the wheel to be changed is several centimetres off the ground;

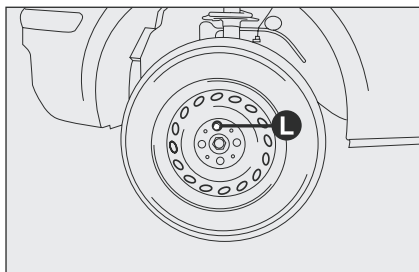


fig. 5

F0R0156m

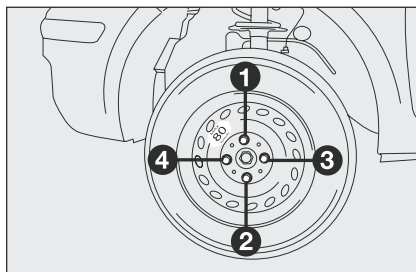


fig. 6

F0R0157m

REFITTING THE STANDARD WHEEL

Following the procedure described previously, raise the car and remove the spare wheel.

- ❑ for versions with wheel cap, remove the wheel cap after loosening the 3 fastening bolts and finally loosen the fourth bolt **L**-fig. 5 and extract the wheel;
- ❑ make sure the contact surfaces between spare wheel and hub are clean so that the fastening bolts will not come loose;
- ❑ fit the spare wheel by inserting the first bolt for two threads into the hole closest to the inflation valve;
- ❑ fit the wheel cap making the crescent hole coincide with the bolt you have fitted using the wrench;
- ❑ tighten the fastening bolts;
- ❑ turn the jack handle **L**-fig. 4 to lower the car and remove the jack;
- ❑ use the wrench provided to fasten the bolts completely in a criss-cross fashion as shown in **fig. 6**;
- ❑ if replacing a wheel with alloy rim, stow it temporarily into the spare wheel compartment with the cosmetic side facing upwards.

Versions with steel rims

Proceed as follows:

- make sure the contact surfaces between spare wheel and hub are clean so that the fastening bolts will not come loose;
- fit the standard wheel by inserting the first bolt for two threads into the hole closest to the inflation valve;
- fit the wheel cap making the lunette hole coincide with the bolt you have fitted then, fit the other 3 bolts;
- using the wrench provided, tighten the fastening bolts;
- lower the car and remove the jack;
- using the wrench provided, fully tighten the bolts in the sequence shown previously in the figure.

Versions with alloy rims

Proceed as follows:

- insert the wheel on the hub and using the wrench provided tighten the bolts;
- lower the car and remove the jack;
- using the wrench provided, fully tighten the bolts in the sequence shown in the figure.

When you have finished

- fit the jack partially open in its box **C-fig.2** forcing it lightly to prevent it from vibrating when traelling;
- put the tools back into their places in the container;
- stow the container **C-fig.2** complete with tools;
- stow the spare wheel in the space provided in the boot;
- tight the fastener **A-fig.2**;
- reposition the mat in the boot.

WHEN NEEDING TO CHANGE A BULB

GENERAL INSTRUCTIONS

- ❑ When a bulb is not working, check that the corresponding fuse is intact before replacing it: refer to the “If a fuse blows” paragraph in this chapter for fuse location.
- ❑ before changing a bulb check the contacts for oxidation;
- ❑ burnt bulbs must be replaced by others of the same type and power;
- ❑ always check the height of the headlight beam after changing a bulb, for reasons of safety.



Halogen lamps must be handled holding the metallic part only. Touching the transparent part of the bulb with your fingers may reduce the intensity of the emitted light and even compromise duration of the lamp itself. In the case of accidental contact, rub the lamp with a cloth and spirit and leave to dry.



WARNING

Modifications or repairs to the electrical system (electronic control units) that are not carried out properly or do not take the technical specifications of the system into account can cause malfunctions leading to the risk of fire.



WARNING

Halogen bulbs contain pressurised gas which, if broken, may cause small fragments of glass to be projected outwards.

IMPORTANT A slight misting may appear on the internal surface of the headlight: this does not indicate a fault and is caused by low temperature and the degree of humidity in the air. Misting will rapidly disappear when the headlights are switched on. The presence of drop inside the headlights indicates infiltration of water. Go to a Fiat-Tata Dealership.

TYPES OF BULBS

Various types of bulbs are fitted to your car:

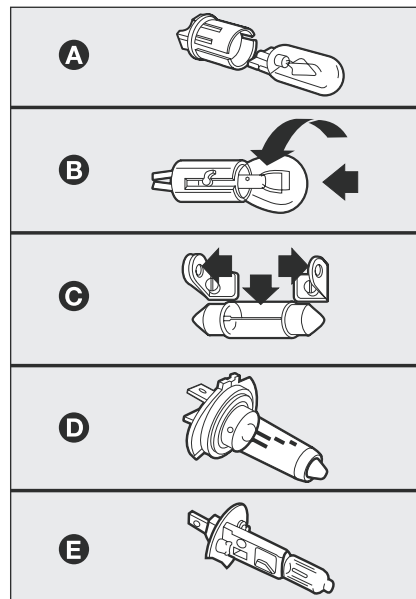


fig. 7

F0R0112m

- A** All glass bulb: clipped into place. Pull to extract.
- B** Bayonet bulbs: to remove this type of bulb from its holder, press the bulb and turn it anticlockwise.
- C** Cylindrical bulbs: release from the contacts to extract.
- D-E** Halogen bulbs: release the fastening clip from the corresponding seat to remove the lamp.

Bulb	Ref. figure	Type	Power
Main beam headlights	D	H1U55W	55W
Dipped beam headlights	D	H755W	55W
Front sidelights	A	W5W	5W
Front fog lights (where provided)	–	H1U55W	55W
Front direction indicators	B	PY21W	21W
Side direction indicators	A	WY5W	5W
Rear direction indicators	B	PY21W	21W
Side/taillights (Parking lights)	B	R5W	5W
Brake lights	B	P21W	21W
Third brake light (additional brake light)	B	W5W	5W
Reversing light	–	P21W	21W
Rear fog lights	–	P21W	21W
Number plate light	A	W5W	5W
Front ceiling light with spot lights	C	10W x 2	10W
Rear ceiling light with movable lens	C	10W	10W
Boot light	A	W5W	5W

IF AN EXTERIOR LIGHT BURNS OUT

For the type of bulb and power rating, see “When needing to change a bulb”.

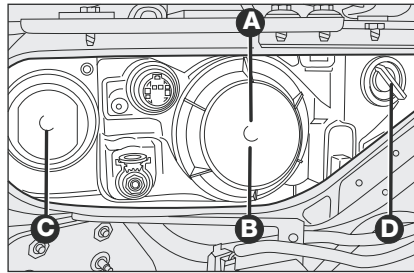


fig. 8

F0R0220m

FRONT LIGHT CLUSTERS

fig. 8

The front light clusters contain sidelights, dipped beam, main beam and direction indicator bulbs.

The bulbs are arranged inside the light unit as follows:

- A** main beam
- B** side lights (Parking lights)
- C** dipped beam (two lights)
- D** direction indicators.

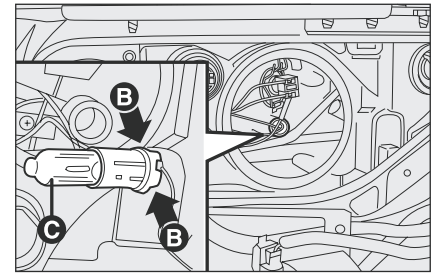


fig. 9

F0R0221m

SIDELIGHTS (Parking lights) fig. 9

To change the bulb, proceed as follows:

- remove the clipped-on cover;
- press tabs **B** and remove the bulb holder;
- remove the bulb **C** and replace it;
- refit the bulb holder and refit the cap and check that it is locked properly.

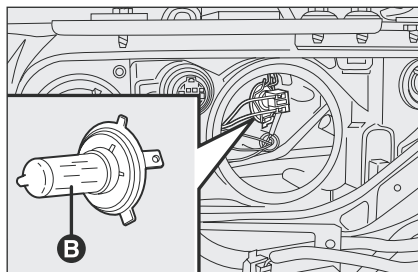


fig. 10

FOR0222m

DIPPED BEAM HEADLIGHTS

fig. 10

To change the bulb, proceed as follows:

- remove the clipped-on cover;
- disconnect the central electric connector and release the bulb holder catch;
- remove the bulb **B** and replace it;
- fit the new bulb, making the outlines of the metallic part coincide with the grooves on the reflector;
- refit the bulb holder catch and reconnect the electrical connector;
- refit the protection and check that it is correctly locked.

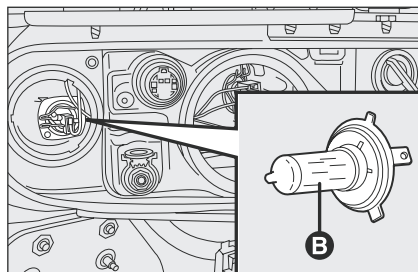


fig. 11

FOR0223m

MAIN BEAM HEADLIGHTS

fig. 11

To change the bulb, proceed as follows:

- remove the clipped-on cover;
- disconnect the central electric connector and release the bulb holder catch;
- remove the bulb **B** and replace it;
- refit the new bulb;
- refit the bulb holder catch and reconnect the electrical connector;
- refit the protection and check that it is correctly locked.

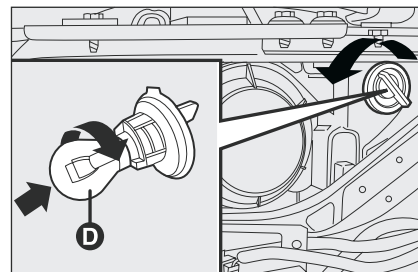


fig. 11/a

FOR0224m

DIRECTION INDICATORS

Front fig. 11/a

To change the bulb, proceed as follows:

- steer the right/left wheel outwards as shown in the figure;
- turn the catch as shown by the arrow, then use the lid;
- remove the bulb holder cover by turning it anticlockwise;

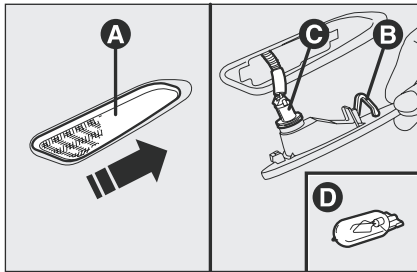


fig. 12

F0R0226m

- ❑ extract the bulb **D** by pressing it slightly and turning it anticlockwise (bayonet locking) then replace it;
- ❑ refit the cover/bulb holder **C** by turning it clockwise and locking it properly;
- ❑ close the lid and turn the fastening device.

Side fig. 12

To change the bulb, proceed as follows:

- ❑ work on the lens **A** to compress the internal catch **B**, then pull the unit outwards;
- ❑ turn the bulb holder **C** anticlockwise, extract the clipped-on bulb **D** and replace it;
- ❑ refit the bulb holder **C** in the lens and turn it clockwise;
- ❑ refit the unit making sure that the internal catch **B** clips into position.

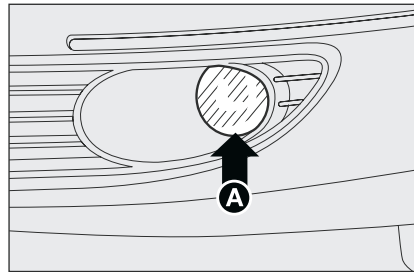


fig. 13

F0R0114m

FRONT FOG LIGHTS (where provided)

Contact Fiat-Tata Dealership to have front fog lights **A-fig. 13** replaced.

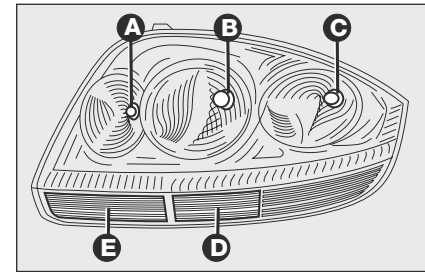


fig. 14

F0R0227m

REAR LIGHT CLUSTERS fig. 14-15

Rear light cluster contain taillights, brake light, direction indicators and rear fog light bulbs. The bulbs are arranged inside the light unit as follows:

- A** brake lights (two lights)
- B** taillights
- C** rear fog lights
- D** direction indicators
- E** reversing light.

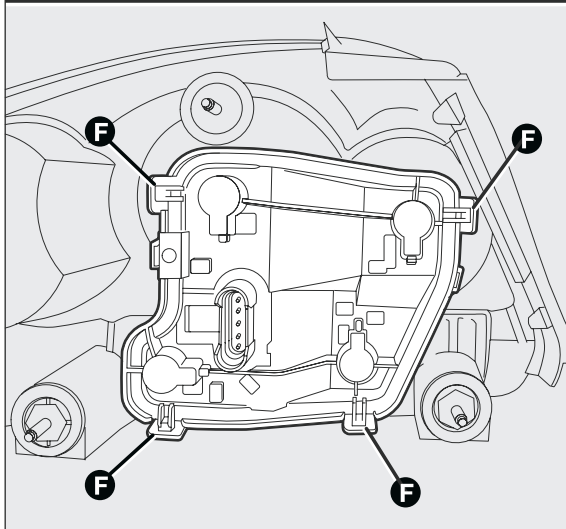
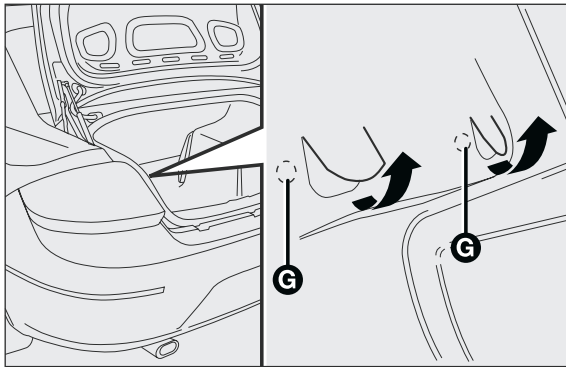


fig. 15/a

F0R0228m

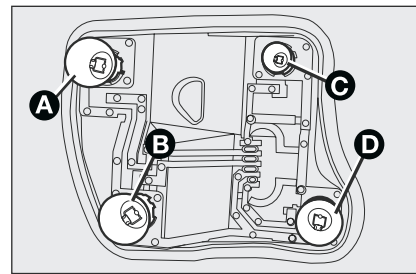


fig. 15/b

F0R0229m

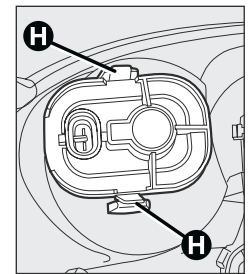


fig. 16

F0R0230m

To change the bulb proceed as follows:

- open the tailgate and loosen the two fastening screws
- disconnect the central electric connector and pull the lens unit outwards;
- release the clips **F** and extract the bulb holders;
- remove the bulb to replace **A**, **B**, **C** or **D** pushing it slightly and turning it anticlockwise (bayonet-type bulb) and replace it;
- refit the bulb holder and refasten the clips **F**;
- to replace the rear fog light, release the clips **H**-fig. 16 , remove the protection and replace the bayonet bulb.
- reconnect the electrical connector, reposition the cluster correctly on the body and then tighten the fastening screws **G**.

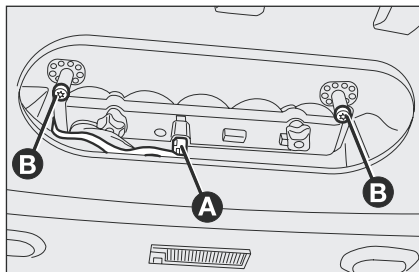


fig. 17

F0R0252m

THIRD BRAKE LIGHTS

The change the bulb's group proceed as follows:

- open the tailgate;
- disconnect the electric connector **A**-fig. 17;

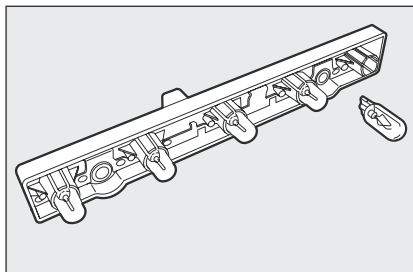


fig. 18

F0R0253m

- unscrew the two laterals pivots **B**-fig. 17;
- extract the bulb holder;
- remove and replace the bulbs **fig. 18**.

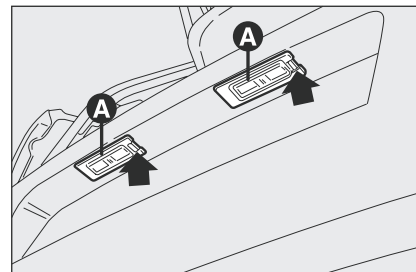


fig. 19

F0R0123m

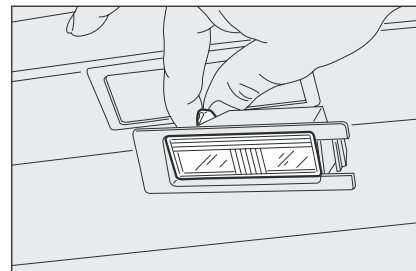


fig. 20

F0R0124m

NUMBER PLATE LIGHT fig. 19-20

To change the bulb proceed as follows:

- work in the point shown by the arrow and remove lens **A**-fig. 19;
- change the bulb **fig. 20** releasing it from the side contacts and making sure the new bulb is correctly fastened between the contacts;
- refit the snap-fitted lens unit.

IF AN INTERIOR LIGHT BURNS OUT

For the type of bulb and power rating, see “When needing to change a bulb”.

FRONT CEILING LIGHT

To replace the bulbs proceed as follows:

- work in the points shown by the arrows and remove light **A**-fig. 21;
- open the protection lid **B**-fig. 22;
- replace bulbs **C** releasing them from the side contacts; make sure that new bulbs are correctly clamped between contacts;
- re-close the lid **B**-fig. 22 and secure light **A**-fig. 21 into its housing locking it properly.

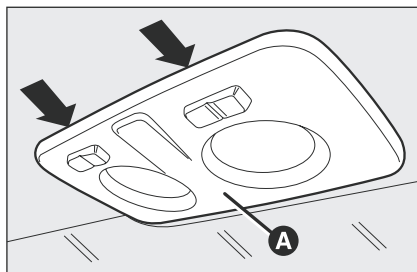


fig. 21

FOR0115m

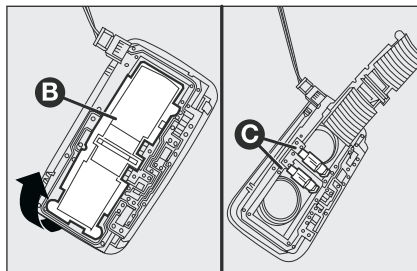


fig. 22

FOR0117m

REAR CEILING LIGHT (where provided)

To replace the bulbs proceed as follows:

- work in the points shown by the arrows and remove light **D**-fig. 23;
- open the protection lid **E**-fig. 24;

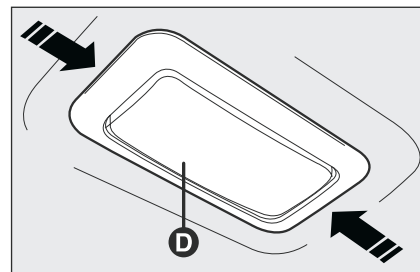


fig. 23

FOR0116m

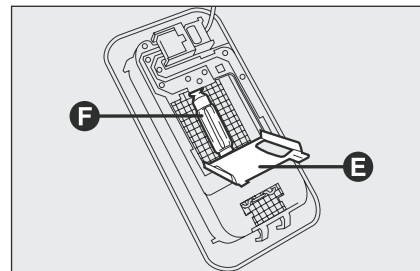


fig. 24

FOR0118m

- change the bulb **F**-fig. 24 releasing it from the side contacts and making sure the new bulb is correctly fastened between the contacts;
- re-close the protection lid **E**-fig. 24 and secure light **D**-fig. 23 into its housing locking it properly.

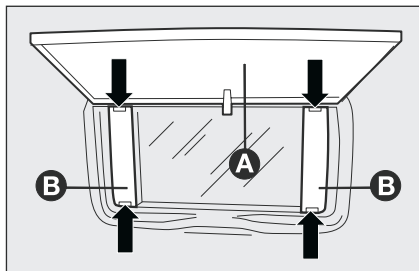


fig. 25

F0R0233m

COURTESY LIGHT fig. 25 (where provided)

To change the bulb proceed as follows:

- open the mirror cover **A**;
- extract lens **B** levering in the points shown by the arrow;
- delicately lift the bulb holder **C** from its seat, extract the clipped-on bulb and replace it;
- correctly reposition the bulb holder **C** in its seat;
- refit the lens **B** inserting it in its correct position firstly on one end and then on the other until it clicks into place.

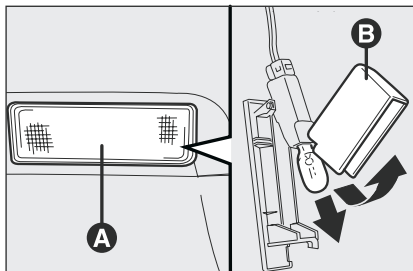


fig. 26

F0R0234m

BOOT LIGHT fig. 26

To change the bulb, proceed as follows:

- open the tailgate;
- remove the light **A** levering in the point shown by the arrow;
- open the protection **B** and replace the snap-fitted bulb;

- re-close the protective cover **B** on the lens;
- refit the light **A** inserting it in its correct position firstly on one end and then on the other until it clicks into place.

IF A FUSE BLOWS

GENERAL

The fuse is a protective device for the electric system: it comes into action (i.e. it cuts off) mainly due to a fault or improper action on the system.

Check the efficiency of the corresponding fuse when a device does not work: the conducting element **A**-fig. 27 must not be interrupted. If it is, replace the blown fuse with another with the same amperage (same colour).

B undamaged fuse

C fuse with damaged filament.

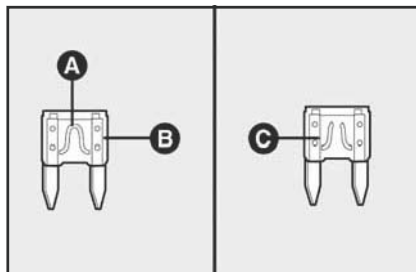


fig. 27



Never replace a blown fuse with metallic wires or other material.



WARNING
Never replace a fuse with another of higher amperage: FIRE RISK.



WARNING

Go to a Fiat-Tata Dealership if a general protection fuse blows (MEGA-FUSE, MIDI-FUSE, MAXI-FUSE).



WARNING

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



WARNING
If a fuse blows again, contact a Fiat-Tata Dealership.

FUSE LOCATION

The fuses are grouped in three units on the dashboard, in the engine compartment and on the positive battery terminal.

Fuse box on the dashboard

To gain access to the fuses in the fuse box on the dashboard, remove the cover A **fig. 28**.

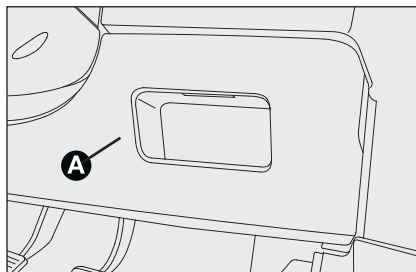


fig. 28

FOR0125m

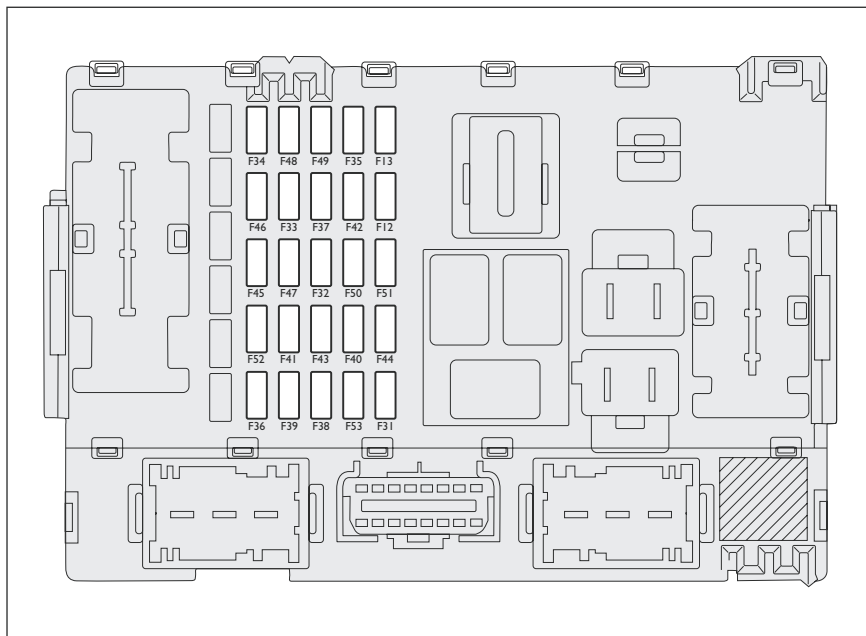


fig. 29

FOR0126m

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

Fuse box in engine compartment

To gain access to the fuses in the fuse box next to the battery, remove the protection cover **fig. 30**.

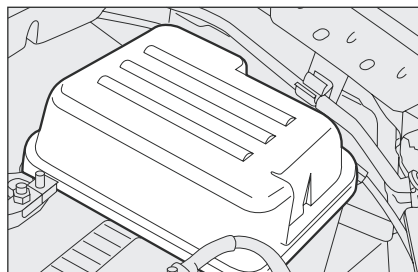


fig. 30

FOR0127m

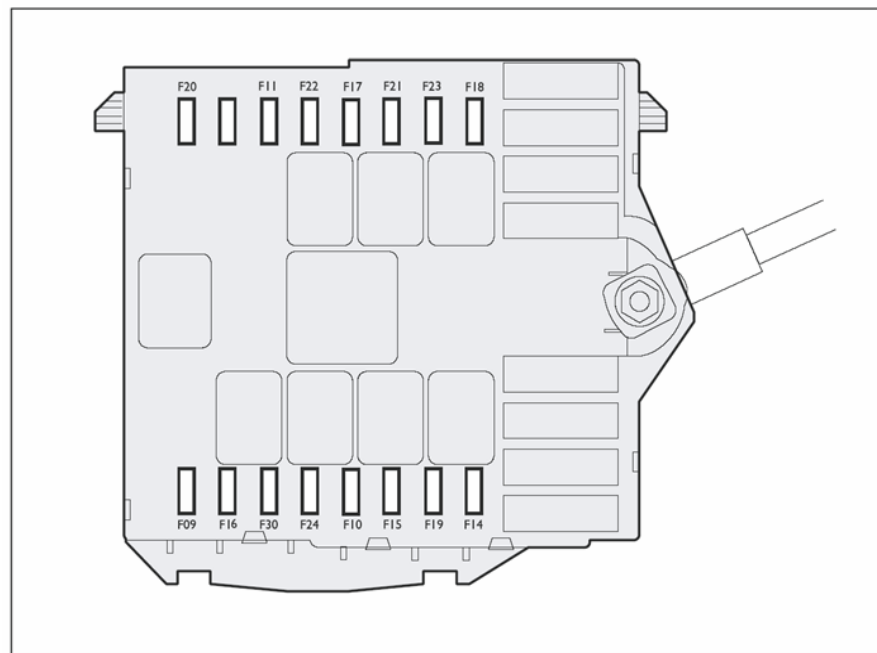


fig. 31

FOR0128m

FUSE TABLE

Fuse box on dashboard

LOADS	FUSE	AMPERES
Right dipped beam headlight	F12	7.5
Left dipped beam headlight, headlight corrector	F13	7.5
INT/A for relay coils (T08,T17) in engine compartment fuse box and body computer node	F31	7.5
Subwoofer	F32	15
Power windows control unit (left rear window motor)	F33	20
Power windows control unit (right rear window motor)	F34	20
+15 reversing lights, brake lights control, air mass meter, glow plug pre-heating unit, water in diesel fuel sensor, tachometer generator, level sensor 2	F35	7.5
Power window unit (+30 for electronics)	F36	7.5
+15 instrument panel, NA brake lights control	F37	7.5
Body computer node	F38	20
Radio node	F39	10
Heated rear window	F40	30
+15 brake system node	F42	7.5
Windscreen wiper control (two-way pump)	F43	20

LOADS**FUSE****AMPERES**

Cigar lighter or socket

F44

15

Boot lock actuator

F45

10

Power window unit (driver's side front window motor)

F47

20

Power window unit (passenger's side front window motor)

F48

20

+15 control lighting: radio on steering wheel, control panel; power mirrors, power window unit, alarm setup

F49

7.5

+15 airbag node

F50

7.5

+15 radio setup, Blu&Me setup

F51

7.5

Power window unit, driver's seat adjustment motor

F52

15

Body computer and instrument panel node

F53

7.5

Fuse box in engine compartment

LOADS	FUSE	AMPERES
Dashboard CPL I	F01	70
Ignition switch	F03	20
Brake valves	F04	30
Brake pump	F05	40
Engine cooling fan (low speed)	F06	20/30
Engine cooling fan (high speed)	F07	20/30/40
Climate control fan	F08	30
Horn	F10	15
Engine control system secondary loads	F11	10
Right main beam headlight	F14	7.5
Left beam headlight	F15	7.5
EOBD	F16	7.5
Engine control system primary loads	F17	15
Engine control unit	F18	10
Conditioner compressor	F19	7.5

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

LOADS**FUSE****AMPERES**

Fuel pump

F21

15

Engine control system primary loads (injectors, ignition coils)

F22

15/20

Windscreen wiper motor

F23

20

Spare

F24

–

Glow plug pre-heating unit

F00

50

Fog lights

F30

15

IF THE BATTERY IS FLAT

IMPORTANT The battery recharging procedure is provided as an example only. You are recommended to go to a Fiat-Tata Dealership to have this operation performed.

Low amperage slow recharging for approximately 24 hour is advised. Rapid battery charging with high currents could damage the battery.

Charge the battery as follows:

- disconnect battery negative terminal;
- connect the charger cables to the battery terminals, observing the poles;
- turn on the charger;
- when you have finished, turn the charger off before disconnecting the battery;
- reconnect battery negative terminal.



WARNING

Battery fluid is poisonous and corrosive: avoid contact with your skin and eyes. The battery recharging operation must be performed in a ventilated place away from naked flames or possible sources of sparks to avoid the risk of explosion and fire.



WARNING

Never attempt to recharge a frozen battery: defrost it first to prevent the risk of explosion. If a battery was frozen, have it inspected by specialised personnel before recharging to check that the internal elements are not damaged and that the casing is not cracked causing the risk of leakage of poisonous, corrosive gas.

LIFTING THE CAR

If the car is to be lifted, go to a Fiat-Tata Dealership which is equipped with the arm hoist or workshop lift.

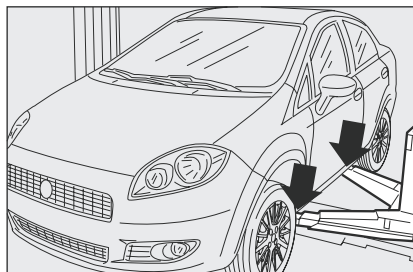


fig. 32

FOR0129m

Lift the car exclusively by positioning the jack arms or the shop jack in the points shown in the figure.

TOWING THE CAR

The tow ring provided with the car is housed in the tool box under the boot mat.

FASTENING THE TOW RING fig. 33

Proceed as follows:

- release the cap **A**;
- take the tow hook **B** from the support;
- tighten the ring on the rear or front threaded pin.



WARNING

The power brakes and power steering will not work while the car is being towed. More effort on the brake pedal and steering wheel will therefore be required. Do not use wires for towing. Do not jerk. Make sure not to damage parts in contact with the car while towing. Respect the specific rules of the Highway Code when towing the car specifically in relation to the towing device and the behaviour to maintain on the road.

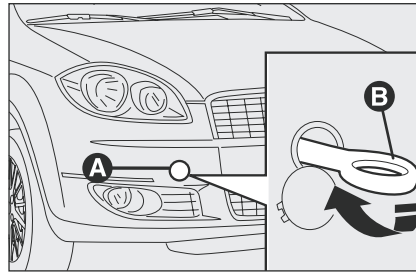


fig. 33

FOR0131m



WARNING

Do not start the engine while towing the car.



WARNING

Clean the threaded seat carefully before fastening the ring. Make sure that the ring is fully fastened in the seat before towing the car.



WARNING

Release the steering wheel lock before towing (see “Ignition device” in “Dashboard and controls”). The power brakes and power steering will not work while the car is being towed. More effort on the brake pedal and steering wheel will therefore be required. Do not use wires for towing. Do not jerk. Make sure not to damage parts in contact with the car while towing. Respect the specific rules of the Highway Code when towing the car specifically in relation to the towing device and the behaviour to maintain on the road.

CAR MAINTENANCE

SCHEDULED SERVICING	138
SERVICE SCHEDULE PETROL VERSIONS	139
SERVICE SCHEDULE DIESEL VERSIONS	141
REGULAR INSPECTIONS	143
DEMANDING USE OF THE CAR	143
CHECKING FLUID LEVELS.....	144
AIR CLEANER	149
POLLEN FILTER	149
BATTERY	149
WHEELS AND TYRES	152
RUBBER HOSES	153
WINDSCREEN WIPERS	153
BODYWORK	155
INTERIORS	157

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

SCHEDULED SERVICING

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

This is why Fiat has planned a series of checks and maintenance operations every 15,000 km.

Scheduled servicing will not however fully cover all of the need of your car: It is however important to remember that scheduled servicing does not completely cover all the car's requirements: also in the initial period before 15,000 km service coupon and later; between one coupon and another, ordinary care is still required such as for example routine check and topping up the level of fluids, tyre pressure check, etc.

IMPORTANT Scheduled service coupons are required by the manufacturer. Default may cancel the warranty.

Scheduled Servicing is performed by all Fiat-Tata 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-Tata 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 PETROL VERSIONS

Service coupons shall be performed every 15,000 kms

Thousands of kilometres	Inspection at 3000 kms	15	30	45	60	75	90	105	120	135	150	165	180
Check tyre conditions/wear and adjust pressure if necessary	●	●	●	●	●	●	●	●	●	●	●	●	●
Check operation of lighting system (headlamps, direction indicators, hazard warning lights, luggage compartment light, passenger compartment lights, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●	●	●	●	●
Check operation of windscreen wash/wipe	●	●	●	●	●	●	●	●	●	●	●	●	●
Check front disc brake pad condition and wear, replace if required		●	●	●	●	●	●	●	●	●	●	●	●
Check rear drum brake linings condition and wear replace if required					●				●				●
Visually inspect conditions and integrity: exterior bodywork, underbody protection, pipes and hoses (exhaust - fuel - brakes), rubber parts (boots, sleeves, bushes, etc.), Oil leakage and Coolant leakage	●	●	●	●	●	●	●	●	●	●	●	●	●
Check cleanness of locks, bonnet and boot and lever cleanness and lubrication		●	●	●	●	●	●	●	●	●	●	●	●
Visually inspect condition of the auxiliary drive belt/s and accessory drive belt, replace if required	●	●	●	●	●	●	●	●	●	●	●	●	●
Replace auxiliary drive belt/s and accessory drive belt					●				●				●
Check handbrake lever travel and adjust if necessary	●	●	●	●	●	●	●	●	●	●	●	●	●
Check evaporation control system						●					●		
Replace fuel filter		●	●	●	●	●	●	●	●	●	●	●	●
Replace air filter cartridge (✳)		●	●	●	●	●	●	●	●	●	●	●	●

DASHBOARD AND CONTROLS

SAFETY DEVICES

CORRECT USE OF THE CAR

WARNING LIGHTS AND MESSAGES

IN AN EMERGENCY

CAR MAINTENANCE

TECHNICAL SPECIFICATIONS

INDEX

DASHBOARD AND CONTROLS

SAFETY DEVICES

CORRECT USE OF THE CAR

WARNING LIGHTS AND MESSAGES

IN AN EMERGENCY

CAR MAINTENANCE

TECHNICAL SPECIFICATIONS

INDEX

Thousands of kilometres

	Inspection at 3000 kms	15	30	45	60	75	90	105	120	135	150	165	180
Replace spark plugs			●		●		●		●		●		●
Check and Top up fluid levels (engine coolant, brake fluid, screen washer, battery, and power steering oil, etc, if required) (□)	●	●	●	●	●	●	●	●	●	●	●	●	●
Check condition of toothed driving belt, replace if required			●				●				●		
Replace toothed timing drive belt (*)					●				●				●
Check operation of engine management systems (using diagnostic socket)		●	●	●	●	●	●	●	●	●	●	●	●
Change engine oil and replace oil filter (every 15000 kms or 12 months, whichever is earlier)		●	●	●	●	●	●	●	●	●	●	●	●
Change brake / clutch fluid (every 60000 kms or 24 months, whichever is earlier)					●				●				●
Change pollen filter (every 15000 kms)		●	●	●	●	●	●	●	●	●	●	●	●
Change of engine coolant (every 60000 kms or 24 months, whichever is earlier)					●				●				●
Change of transmission oil (every 60000 kms or 24 months, whichever is earlier)					●				●				●
Wheel alignment	●	●	●	●	●	●	●	●	●	●	●	●	●
Tires rotation (Pattern : Front to Rear)		●	●	●	●	●	●	●	●	●	●	●	●

(⚙) Regardless of the km covered, Air filter should be replaced earlier if operating in dusty condition

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

(□) Change power steering oil every 24 months

SERVICE SCHEDULE DIESEL VERSIONS

Service coupons shall be performed every 15,000 kms

Thousands of kilometres	Inspection at 3000 kms	15	30	45	60	75	90	105	120	135	150	165	180
Check tyre conditions/wear and adjust pressure if necessary	●	●	●	●	●	●	●	●	●	●	●	●	●
Check operation of lighting system (headlamps, direction indicators, hazard warning lights, luggage compartment light, passenger compartment lights, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●	●	●	●	●
Check operation of windscreen wash/wipe	●	●	●	●	●	●	●	●	●	●	●	●	●
Check front disc brake pad condition and wear, replace if required		●	●	●	●	●	●	●	●	●	●	●	●
Check rear drum brake linings condition and wear, replace if required					●				●				●
Visually inspect conditions and integrity: exterior bodywork, underbody protection, pipes and hoses (exhaust - fuel - brakes), rubber parts (boot, sleeves, bushes, etc.), Oil leakage and Coolant leakage	●	●	●	●	●	●	●	●	●	●	●	●	●
Check cleanness of locks, bonnet and boot and lever cleanness and lubrication		●	●	●	●	●	●	●	●	●	●	●	●
Visually inspect condition of the auxiliary drive belt/s and accessory drive belt, replace if required	●	●	●	●	●	●	●	●	●	●	●	●	●
Replace auxiliary drive belt/s and accessory drive belt					●				●				●
Check handbrake lever travel and adjust if necessary	●	●	●	●	●	●	●	●	●	●	●	●	●
Replace fuel filter		●	●	●	●	●	●	●	●	●	●	●	●

DASHBOARD AND CONTROLS

SAFETY DEVICES

CORRECT USE OF THE CAR

WARNING LIGHTS AND MESSAGES

IN AN EMERGENCY

CAR MAINTENANCE

TECHNICAL SPECIFICATIONS

INDEX

	Thousands of kilometres	Inspection at 3000 kms	15	30	45	60	75	90	105	120	135	150	165	180
DASHBOARD AND CONTROLS	Replace air filter cartridge (⚙️)		●	●	●	●	●	●	●	●	●	●	●	●
SAFETY DEVICES	Check and Top up fluid levels (engine coolant, brake fluid screen washer, battery, and power steering oil, etc, if required) (□)	●	●	●	●	●	●	●	●	●	●	●	●	●
CORRECT USE OF THE CAR	Check operation of engine management systems (using diagnostic socket)		●	●	●	●	●	●	●	●	●	●	●	●
WARNING LIGHTS AND MESSAGES	Change engine oil and replace oil filter (every 15000 kms or 12 months, whichever is earlier)		●	●	●	●	●	●	●	●	●	●	●	●
IN AN EMERGENCY	Change brake/clutch fluid (every 60000 kms or 24 months, whichever is earlier)					●				●				●
CAR MAINTENANCE	Change pollen filter (every 15000 kms)		●	●	●	●	●	●	●	●	●	●	●	●
TECHNICAL SPECIFICATIONS	Change of engine coolant (every 60000 kms or 24 months, whichever is earlier)					●				●				●
INDEX	Change of transmission oil (every 60000 kms or 24 months, whichever is earlier)					●				●				●
	Wheel alignment	●	●	●	●	●	●	●	●	●	●	●	●	●
	Tires rotation (Pattern : Front to Rear)		●	●	●	●	●	●	●	●	●	●	●	●

(⚙️) Regardless of the km covered, Air filter should be replaced earlier if operating in dusty condition

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

(□) Change power steering oil every 24 months

REGULAR INSPECTIONS

Every 1,000 km or before long journeys, check and top up if required:

- Engine Oil level;
- engine coolant fluid level;
- brake - clutch fluid level and type;
- power steering fluid level;
- tyre pressure and conditions;
- operation of lights (headlights, direction indicators, hazard lights, etc.);

DEMANDING USE OF THE CAR

Should prevailing use of the car be under one of the following specially heavy conditions:

- trailer or caravan towing;
- dusty roads;
- short distances (less than 7-8 km) repeated and with external temperatures below zero;
- frequently idling engines or long distance low speed driving (e.g. taxis or door-to-door deliveries) or in case of a long term inactivity;
- in cities;

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

- check front disk brake pad conditions and wear;

- check cleanness of locks, bonnet and boot and lever cleanness and lubrication;
- visually inspect the conditions of: engine, gearbox, transmission, pipes and hoses (exhaust - fuel - brakes), rubber parts (boots, sleeves, bushes, etc.);
- check battery charge and liquid level (electrolyte) (see paragraph “Charge level check” in chapter “Maintenance and care”);
- visually inspect the accessory drive belt conditions;
- check pollen filter and replace, if required;
- check air cleaner and replace, if required.

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

CHECKING FLUID



WARNING

Never smoke while working in the engine compartment. Flammable gases may be present. Risk of fire.



Be careful not to confuse the various types of fluids while topping up: they are all reciprocally incompatible and may severely damage your car.

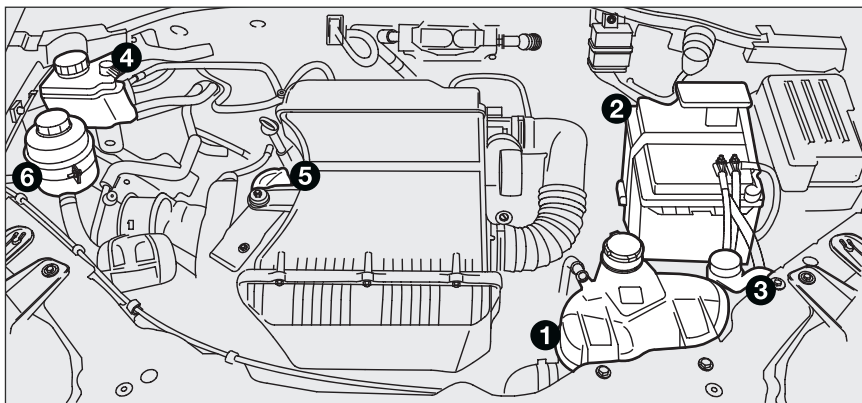


fig. 1 - 1.4 16V version

F0R0243m

1. Engine coolant
2. Battery
3. Windscreen washer fluid
4. Brake fluid
5. Engine oil
6. Power steering fluid

1. Engine oil
2. Engine coolant
3. Windscreen washer fluid
4. Brake fluid
5. Battery
6. Power steering fluid.

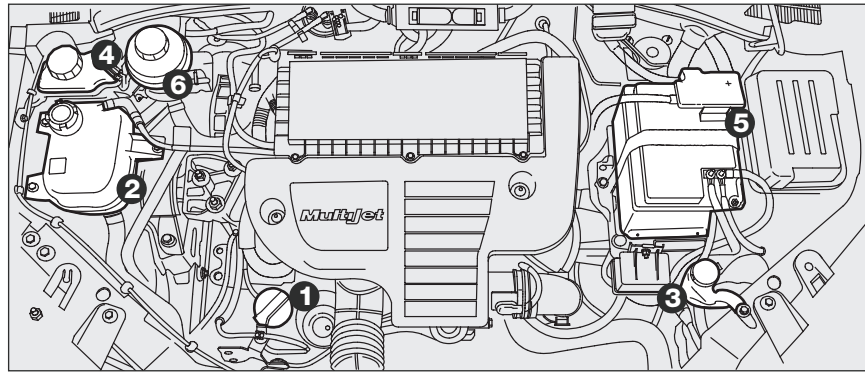


fig. 2 - 1.3 Multijet version

F0R0235m

INDEX

TECHNICAL
SPECIFICATIONS

CAR
MAINTENANCE

IN AN
EMERGENCY

WARNING
LIGHTS AND
MESSAGES

CORRECT USE
OF THE CAR

SAFETY
DEVICES

DASHBOARD
AND CONTROLS

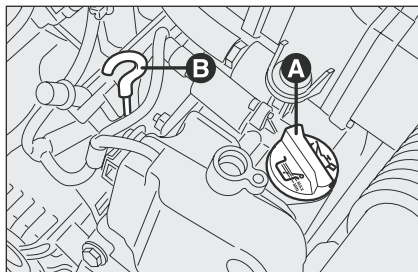


fig. 3 - 1.4 version

F0R0134m

ENGINE OIL fig. 3-4

Check the oil level a few minutes (about 5) after the engine has stopped, with the car parked on level ground.

The oil level shall be included between the **MIN** and **MAX** marks on the dipstick **B**.

The range between the **MIN** and **MAX** levels corresponds to approximately one litre of oil.

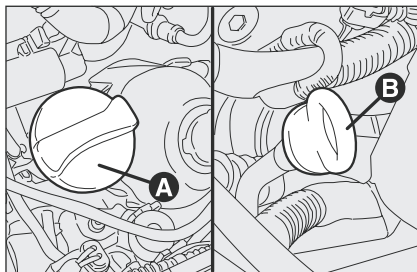


fig. 4 - 1.3 Multijet version

F0R0135m

If the oil level is near or even under the **MIN** line, add oil through the filler **A** to reach the **MAX** line.

Oil level shall never exceed the **MAX** line.

ENGINE OIL CONSUMPTION

The maximum engine oil consumption is usually 400 grams every 1,000 km.

When the car is new, the engine needs to run in, therefore the engine oil consumption can only be considered stabilised after the first 5,000 - 6,000 km.

IMPORTANT The oil consumption depends on driving style and the conditions under which the car is used.

IMPORTANT After adding or changing the oil, let the engine turn over for a few seconds and wait a few minutes after turning it off before you check the level.



WARNING

Proceed very carefully inside the engine compartment when the engine is hot: risk of burns. Remember that the fan may start up if the engine is hot: risk of injury. Pay attention to scarves, ties and other loose fitting garments: they could get dragged by the moving parts.

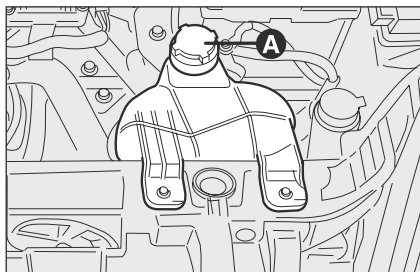


fig. 5

FOR0136m



Always top up using engine oil of the same types as that already in the engine.



Waste engine oil and oil filters contains substances which are dangerous for the environment. It is advisable to have oil and filters changed by a Fiat-Tata Dealership where they will be disposed of according to the law.

ENGINE COOLANT fig. 5

The coolant level must be checked when the engine is cold and must be between the **MIN** and **MAX** lines on the vessel.

If the level is low, slowly pour a mixture of 40% **PARAFLU UP** & 60% demineralized water through filler **A** of the vessel until the level approaches the **MAX** line.



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



WARNING

The cooling system is pressurised. If required, replace the cap with an original spare part so as not to compromise system efficiency. Do not remove the cap from the vessel when the engine is hot: risk of burns.

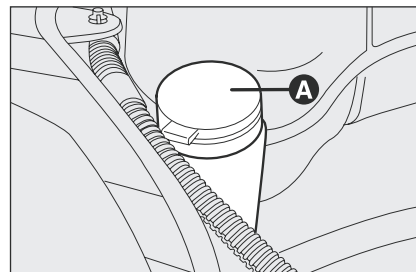


fig. 6

FOR0137m

WINDSCREEN WASHING FLUID fig. 6

To top up, remove the cap **A**.

Pour a mixture of 10% of fluid **SC 35** & 90% of distilled water and check level through the reservoir.

**WARNING**

Do not travel with the windscreen washing reservoir empty: the windscreen washer is fundamental to improve visibility.

**WARNING**

Some commercial windscreen washer additives are flammable. The engine compartment contains hot parts which could start a fire if they come into contact.

BRAKE FLUID fig. 7

Release cap **A**: check that the liquid contained in the tank is at the maximum level.

Fluid level in the reservoir must not exceed the **MAX** mark.

Use the brake fluid shown in the “Fluids and lubricants” table (see “Technical Specifications”).

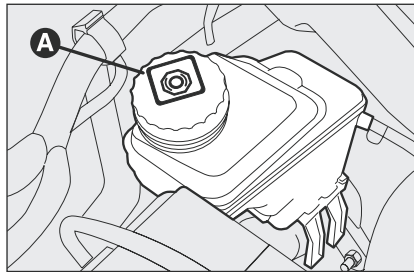


fig. 7

NOTE Carefully clean the cap of reservoir **A** and the surrounding surface.

When opening the cap, make sure that no dirt gets into the reservoir.

For topping up always use a funnel with built in filter (mesh smaller than or equal to 0.12 mm).

IMPORTANT Brake fluid 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. Wash with water immediately if this should happen.

**WARNING**

Brake fluid is poisonous and highly corrosive. In the case of accidental contact, wash the parts with water and mild soap and rinse with plenty of water. Call a doctor immediately if swallowed.

**WARNING**

Symbol  on the contain indicates a synthetic brake fluid, which is different from a mineral fluid. Use of a mineral type fluid will damage the special rubber seals of the braking system beyond repair.

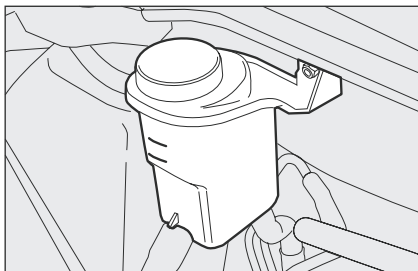


fig. 8

F0R0139m

POWER STEERING FLUID fig. 8

Check that the oil level with the car on flat ground and the engine cold is between the **MIN** and **MAX** lines on the reservoir body. The level may go over the **MAX** line when the oil is hot.

If topping up is required, make sure the oil you used has the same specifications as that already in the system.



Oil consumption is extremely low; if another top-up should be required after only a short period of time, have the system checked for leakage at a Fiat-Tata Dealership.



WARNING

Prevent power steering fluid from coming into contact with hot engine parts: the liquid is flammable.

AIR CLEANER

Have the air cleaner replaced by a Fiat-Tata Dealership. (Refer Service schedule)

POLLEN FILTER

Have the pollen filter replaced by a Fiat-Tata Dealership.

BATTERY

The car fits a low-maintenance battery. Under normal condition it does not need frequent top ups with distilled water.

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

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 apply.

Follow the battery manufacturer’s instructions for maintenance.

IMPORTANT Check the battery charge once a year, preferably before the beginning to winter, to prevent freezing of the electrolyte. Perform this inspection more frequently if the car is mainly used for short distances or if electrical devices running with the key off are installed, particularly after-market.



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 fire and explosion.



WARNING

Running the battery with an excessively low liquid level will damage the battery beyond repair and even cause an explosion.



Incorrect assembly of electric and electronic devices may cause severe damage to your car. Go to a Fiat-Tata 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 very dangerous substances for the environment. You are recommended to go to a Fiat-Tata Dealership to have the battery replaced where the old battery will be disposed of respecting both the environment and the laws in force.



WARNING

If the car is left for long periods in very cold environments, remove the battery and store it in a warm place to prevent freezing.



WARNING

Always wear the proper protective eyewear when working on the battery or near it.

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;
- ❑ make sure that battery terminals are always be perfectly tight.

If after buying the car, you want to install electric accessories which require permanent electric supply (alarm, etc.) contact Fiat-Tata 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.

The total intake of these systems (factory and after-market) must be less than 0.6 mA x Ah (of the battery) as shown in the following table:

Battery	Maximum permissible loadless consumption
40 Ah	24 mA
50 Ah	30 mA
60 Ah	36 mA

WHEELS AND TYRES

Check the pressure of each tyre, including the spare, approximately once every two weeks and before starting a long journey: this check must be performed with the tyre rested and cold.

It is normal for pressure to increase when the car is used. For the correct tyre inflation pressure, see “Wheels” in “Technical specifications” section.

Incorrect pressure causes abnormal tyre wear **fig. 9**:

- A** normal pressure: evenly worn tread.
- B** low pressure: tread particularly worn on the edges.
- C** excessive pressure: tread particularly worn in the middle.

The tyres must be replaced when the tread is less than 1.6 mm thick. In all cases, follow the laws in force in the country where you are driving.

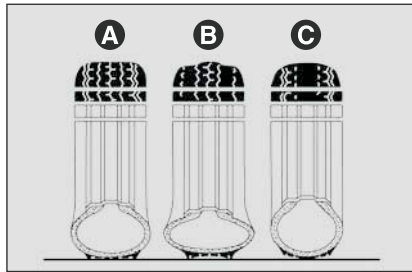


fig. 9

FOR0141m

IMPORTANT NOTES

- Avoid braking suddenly, burning starts and violent knocks against the curb, potholes or other obstacles if possible. Long distances on rough roads may damage the tyres;
- check the tyres regularly for cuts on the sides, swelling or irregular tread wear. Go to a Fiat-Tata Dealership if required.
- do not over load your car: this may cause serious damage to wheels and tyres;
- if a tyre is punctured, stop immediately and charge it to avoid damage to the tyre, the rim, suspensions and steering system;

- a tyre will age even if it is not used much. Cracks in the tread and on the sidewalls are a sign of ageing. Have the tyres checked by specialised personnel if they have been fitted for longer than 6 years. Remember to check the spare wheel very carefully;
- In the case of replacement, always fit new tyres, avoiding those of dubious origin;
- If a tyre is changed, also change the inflation valve;
- to allow even wear between the front and rear tyres, it is advisable to change them over every 15 thousand kilometres, keeping them on the same side of the car so as not to reverse the direction of rotation.



WARNING

Remember that the road holding qualities of your car also depends on the correct inflation pressure of the tyres.



WARNING

Excessively low pressure will cause overheating of the tyre and may cause severe tyre damage.



WARNING

Do not exchange the tyres from the left to the right of the car and vice versa.



WARNING

Do not repaint alloy wheel rims at temperatures higher than 150°C. The mechanical features of the wheels could be compromised.

RUBBER HOSES

Carefully follow the information contained in the “Service schedule” in this section for maintenance of brake system and fuel feed rubber hoses.

Ozone, high temperatures and prolonged lack of fluid in the system may cause hardening and cracking of the hoses, with possible leaks. Careful inspections are therefore necessary.

WINDSCREEN WIPER

BLADES

Periodically clean the rubber part with suitable products.

Replace the blades if the rubber edge is deformed or worn. In all cases, it is advisable to replace them approximately once a year.

A few simple precautions can reduce the possibility of damage to the blades:

- make sure that the rubber part is not stuck to the windscreen at sub-zero temperatures. Use an antifreeze product to release it if required.
- remove the snow from the window: this will avoid overstressing the electrical motor in addition to protecting the blades;
- do not operate the windscreen wipers on dry glass.



WARNING

Driving with worn wiper blades is a serious hazard, because visibility is reduced in bad weather.

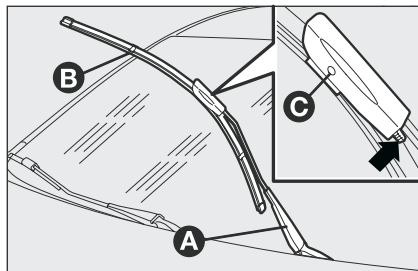


fig. 10

F0R0236m

Replacing the windscreen wiper blades fig. 10

How to remove the blade:

- raise the windscreen wiper arm **A** from the windscreen;
- press the blade locking tabs;
- turn blade **B** 90° around pin **C**, located at the end of the wiper arm;
- remove the blade from pin **C**.

How to insert the blade:

- insert the blade fastening tabs in the hole on the end of the arm;
- refit the arm with the blade on the windscreen.

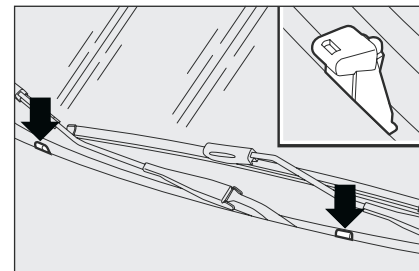


fig. 11

F0R0143m

SPRAY NOZZLES

Windscreen washer fig. 11

If there is no jet of fluid, 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 using 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.

BODYWORK

PROTECTION FROM ATMOSPHERIC AGENTS

The main causes of corrosion are the following:

- ❑ atmospheric pollution;
- ❑ salty air and humidity (coastal areas, or hot humid climates);
- ❑ seasonal environment conditions.

Not to be underestimated is also the abrasive action of wind-borne atmospheric dust and sand and mud and gravel raised by other cars.

On your car, Fiat implemented the best manufacturing technologies to effectively protect the bodywork against corrosion.

These are the most important:

- ❑ paint products and systems which give the car particular resistance to corrosion and abrasion;
- ❑ use of galvanised (or pre-treated) steel sheets, with high resistance to corrosion;
- ❑ spraying the underbody, engine compartment, wheelhouse internal parts and other parts with highly protective wax products;
- ❑ spraying of plastic materials for protective purposes in the most exposed points: under the doors, inside the mudguard, along the edges, etc.
- ❑ use of “open” boxed sections to prevent condensation and pockets of moisture from triggering rust inside.

BODY AND UNDERBODY WARRANTY

Your car is covered by warranty against perforation due to rust of any original element of the structure or body.

For the general terms of this warranty, refer to Fiat Warranty Booklet.

ADVICE FOR PRESERVING THE BODYWORK

Paint

Paintwork does not only serve an aesthetic purpose, but also protects the underlying sheet metal.

Touch up abrasions and scratches immediately to prevent the formation of rust. Only use genuine spare paint products for touch-ups.

Normal maintenance of paintwork consists in washing the car: the frequency depends on the conditions and environment where the car is used. For example, it is advisable to wash the car more often in areas with a high environmental pollution or on roads sprinkled with salt.

To correctly wash the car:

- remove the aerial from the roof to prevent damage to it if the car is washed in an automatic system;
- wash the body using a low pressure jet of water;
- wipe a sponge with a slightly soapy solution over the bodywork, frequently rinsing with the sponge;
- rinse well with water and dry with a jet of air or a chamois leather.

Dry the parts less in sight particularly carefully, such as the door frames and the headlight frames, where water may stagnate more easily. It is a good idea to leave the car in the open for a while after washing it to give time for the water to evaporate.

Do not wash the car after it has been parked in the sun or when the engine is bonnet is hot: this could take the shine off the paint.

Exterior plastic parts must be cleaned in the same way as the rest of the car.

Where possible, do not park under trees; the resinous substance many species release give the paint a dull appearance and increase the possibility of triggering rust processes.

IMPORTANT Bird droppings must be washed off immediately and thoroughly as the acid they contain is particularly aggressive.



Detergents cause water pollution. The car should be washed in areas equipped for collecting and purifying the liquid used in the washing process.

Windows

Use specific window cleaner products.

Use also clean cloths to avoid scratching the glass or damaging the transparency.

IMPORTANT The inside of the rear window should be wiped gently with a cloth in the direction of the filaments to avoid damaging the heating device.

Engine compartment

Wash the engine compartment carefully after the end of the winter. Be careful not to direct the jet of water onto electronic control units. Adequately protect the upper air vents to prevent damage to the windscreen wiper motor. Have this operation performed at a specialised workshop.

IMPORTANT Perform this operation on a cold engine and with the key at **STOP**. After the washing operation, make sure that the various protections (e.g. rubber caps and guards) have not removed or damaged.

Front headlights

IMPORTANT Never use aromatic substances (e.g.: petrol) or ketenes (e.g.: acetone) for cleaning front headlight plastic lens.

INTERIORS

Periodically check that water is not trapped under the mats (due to water dripping off shoes, umbrellas, etc.) which could cause oxidation of the sheet metal.



WARNING

Never use flammable products, such as petrol ether or rectified petrol to clean inside the car. The electrostatic charges which are generated by rubbing during the cleaning operation may cause a fire.



WARNING

Do not keep aerosol cans in the car: risk of explosion. Aerosol cans must not be exposed to temperatures higher than 50°C. The temperature may rise well beyond that figure when the car is left in the sun.

CLEANING SEATS AND FABRIC PARTS

Remove dust with a soft brush or a vacuum cleaner. It is advisable to use a moist brush on velvet upholstery.

Rub the seats with a sponge moistened with a solution of water and neutral detergent.



The fabric upholstery of your car is designed to withstand the normal wear and tear of your car for a long time. Some precautions are however needed. Avoid prolonged rubbing against clothing accessories, such as metal buckles, Velcro strips and the like, which by applying a high pressure on the fabric in a small area could cause the breakage of some threads and damage the upholstery.

INTERIOR PLASTIC PARTS

It is advisable to clean interior parts with a moist cloth and a solution of water and mild soap. Use specific products for cleaning plastic, without solvents and specifically designed to prevent damage to the appearance and colour of the treated parts to remove grease and tough stains.

IMPORTANT Never use spirit or petroleum to clean the instrument panel.

GENUINE LEATHER STEERING WHEEL/GEAR LEVER KNOB

These components must be cleaned with mild soap and water only.

Never use spirit and/or alcohol based products.

Before using off-the-shelves products designed for cleaning car interiors, make sure that they do not contain spirit and/or alcohol based substances before using them.

If window cleaner accidentally drips onto the steering wheel or gear lever knob, wipe away immediately and then wash the concerned area with mild soap and water.

IMPORTANT Be carefully when arranging a steering wheel lock device, where applicable, to prevent damaging the leather upholstery by rubbing.

TECHNICAL SPECIFICATIONS

IDENTIFICATION DATA	160
ENGINE CODES - VERSIONS	161
ENGINE	162
FUEL FEED/IGNITION	163
TRANSMISSION	163
BRAKES	164
SUSPENSIONS.....	164
STEERING.....	164
WHEELS	165
DIMENSIONS.....	169
PERFORMANCE	170
WEIGHTS	171
CAPACITIES	172
FLUIDS AND LUBRICANTS.....	173

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

IDENTIFICATION DATA

Take note of the identification codes. The following identification codes are printed and shown on the plates:

- Model plate marking.
- Chassis marking.
- Engine marking.
- Tyre pressure marking.
- Child lock marking.
- Fuel flap marking.

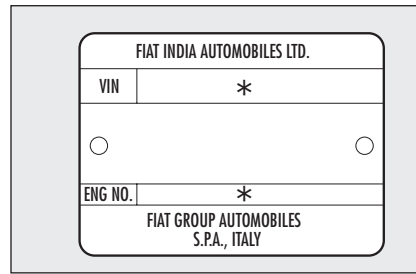


fig. 1

FOR0247m

MODEL PLATE fig. 1

This is applied to the right-hand side of the spare wheel shelf and shows the following data:

- i) VIN (Vehicle Identification Number)
 - Car Model and Version code
 - Chassis number
- ii) Engine Number
- iii) Month and Year of Manufacturing

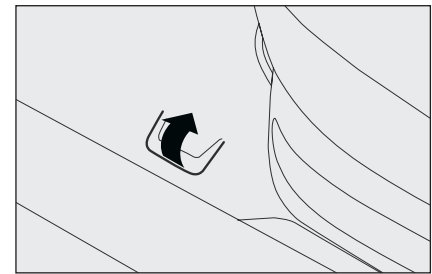


fig. 2

FOR0146m

CHASSIS MARKING fig. 2

This is printed on the passenger compartment floor bed under the front left seat.

- car model (MCA110317);
- chassis number.

ENGINE MARKING

Engine marking is stamped on the cylinder block and includes the model and the serial number.



fig. 3

FOR0247m

TYRE PRESSURE MARKING fig. 3

This label is secured on the inner side of driver door (below lock striker plate).

TYRE PRESSURE FOR COLD TYRES ONLY	
TYRE	195 / 60 R15
	psi / bar
FRONT	33 / 2.3
REAR	33 / 2.3

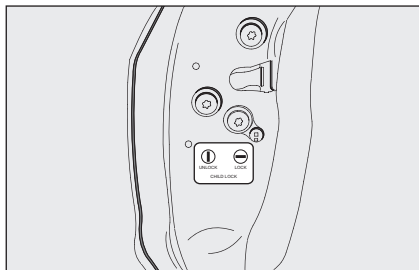


fig. 4

FOR0247m

CHILD LOCK MARKING fig. 4

This label is secured inside both rear door panel (below door lock).

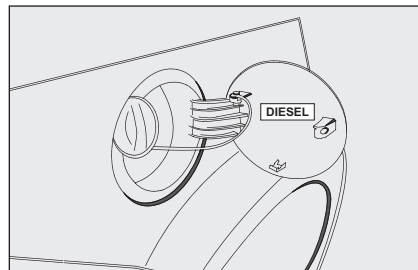
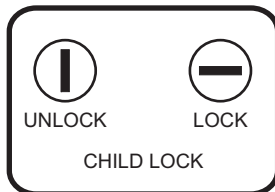


fig. 5

FOR0247m

FUEL FLAP MARKING fig. 5

This label is secured inside the fuel flap (according to the versions: PETROL or DIESEL)



ENGINE CODES - VERSIONS

Versions	Engine type code
1.4 16v	323B6600
1.3 Multijet	199A3000

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

ENGINE**GENERAL****1.4 16v****1.3 Multijet**

GENERAL		1.4 16v	1.3 Multijet
Engine code		323B6600	199A3000
Cycle		Otto	Diesel
Number and layout of cylinders		4 in line	4 in line
Piston bore and stroke	mm	72 x 84	69.6 x 82
Total displacement	cm ³	1368	1248
Compression ratio		10.8 ± 0.2	17.6 ± 0.2
Maximum power (IS)	hp	89.5	85.9
corresponding	rpm	6000	4000
Maximum torque (IS)	Nm	115	203
corresponding	rpm	4500	2500
Spark plugs		4, NGK ZKR7A-10 C 128	–
Fuel		Unleaded petrol 91 RON min	Normal Diesel (avoid premium / additives) 51 Cetane no. min.

FUEL FEED/IGNITION

	1.4 16v	1.3 Multijet
Fuel feed	Multipoint electronic injection	Multijet direct injection "Common Rail"



WARNING

Modifications or repairs to the fuel feed system that are not carried out properly or do not take the system's technical specifications into account can cause malfunctions leading to the risk of fire.

TRANSMISSION

	1.4 16v - 1.3 Multijet
Gearbox	Five forward gears plus reverse with synchronisers for forward gears
Clutch	Self-adjusting with pedal without idle stroke
Drive	Front

BRAKES

1.4 16v - 1.3 Multijet

Service brakes:

- front ventilated disk
- rear drum brakes with self centring shoes with one control cylinder per wheel

Parking brake

controlled by hand lever, operating on rear brakes

IMPORTANT Water, ice and salt sprinkled on the roads may deposit on the brake disks reducing braking efficiency when the brakes are applied first time.

SUSPENSIONS

1.4 16v - 1.3 Multijet

Front

Telescopic

Rear

Hydraulic, Telescopic

STEERING

1.4 16v - 1.3 Multijet

Type	Steering wheel with jointed, energy absorbing column, Hydraulic power steering with rack
Steering diameter (m)	11.1
No. of steering wheel turn (lock to lock)	2.65
Steering box ratio (mm/turn)	51
Rack track (mm)	135

WHEELS

RIMS AND TYRES

Pressed steel or alloy rims. Tubeless radial carcass tyres.

Respect the prescribed size to ensure safety of the car in movement. Fit tyres of the same make and type on all wheels.

IMPORTANT Do not use inner tubes with Tubeless tyres.

SPARE WHEEL

Pressed steel rim Tubeless tyre.

WHEEL GEOMETRY

Toe-in total front: 0.3 ± 1 mm

Toe-in total rear: 3.4 ± 2.0 mm

The values refer to the car in running order.

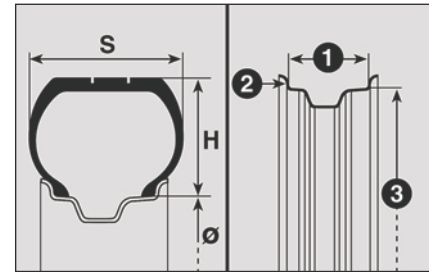


fig. 3

READING TYRE MARKINGS fig. 3

Example: 185/65 R 15 88T

185 = Nominal width (S, distance in mm between sidewalls).

65 = Height/width ratio (H/S) in percentage.

R = Radial tyre.

15 = Rim diameter in inches (Ø).

88 = Load rate (capacity).

T = Maximum speed rating.

Maximum speed rating**Q** = up to 160 km/h.**R** = up to 170 km/h.**S** = up to 180 km/h.**T** = up to 190 km/h.**U** = up to 200 km/h.**H** = up to 210 km/h.**V** = up to 240 km/h.**Maximum speed rating
for snow tyres****QM + S** = up to 160 km/h.**TM + S** = up to 190 km/h.**HM + S** = up to 210 km/h.**Load rating (capacity)****70** = 335 kg**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**READING RIM****MARKINGS fig. 3****Example: 6J x 15 ET44****6** = rim width in inches **1**.**J** = rim drop centre outline (side projection where the tyre bead rests) **2**.**15** = rim nominal diameter in inches (corresponds to diameter of the tyre to be mounted) **3** = Ø.**ET44** = wheel camber angle (distance between the disc/rim supporting plane and the wheel rim centre line).

Version	Rims	Tyres fitted (where provided)	Spare wheel (where provided)		
			Rim	Tyre	
1.4 16v 1.3 Multijet	active	6J X 15"	195/60 R15 88T	6J X 15"	195/60 R15 88T
	dynamic	6J X 15"	195/60 R15 88T	6J X 15"	195/60 R15 88T
	emotion	6J X 15"(Alloy wheel)	195/60 R15 88T	6J X 15"(pressed steel)	195/60 R15 88T

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

COLD TYRE INFLATION PRESSURE (bar)

Tyre

	Medium load		Full load	
	Front	Rear	Front	Rear
195/60 R15 88T	2.3	2.1	2.3	2.3

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm. Recheck pressure value with cold tyres.

DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle fitted with standard tyres.

The height refers to the unladen vehicle.

Boot volume

Unladen boot volume (V.D.A. standards) 500 dm³

Boot capacity with rear seat folded..... 870 dm³

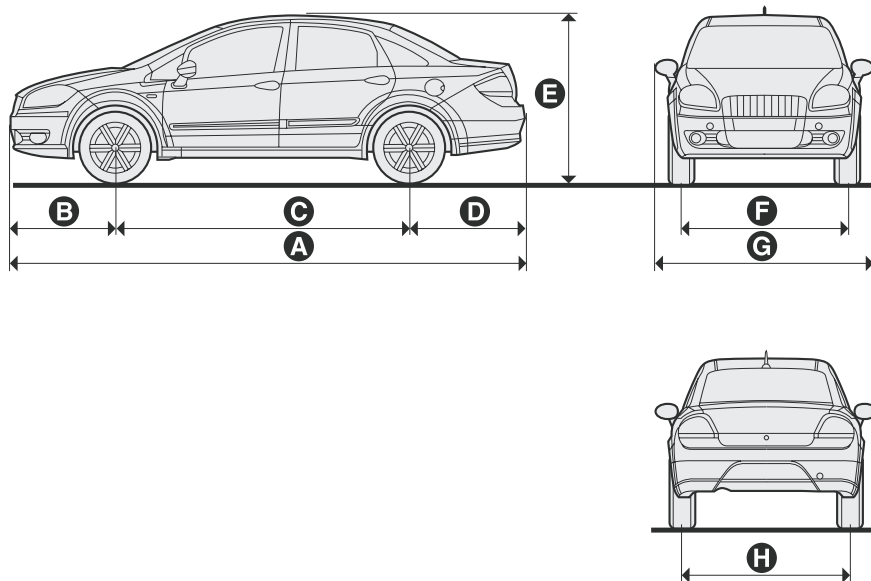


fig. 4

F0R0237m

Versions	A	B	C	D	E	F	G	H
1.4 16v 1.3 Multijet	4560	928	2603	1029	1487	1471	1946,21	1483

IMPORTANT Track measurements may vary according to rim/tyre size.

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

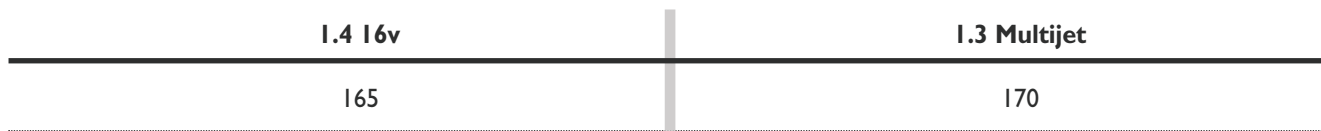
CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

PERFORMANCE

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



WEIGHTS

Weights (kg)	1.4 16v	1.3 Multijet
Unladen weight	1240	1290
Payload (*) including the driver:	380	380
Front axle weight (laden)	862	897
Rear axle weight (laden)	758	773
Gross vehicle weight (**)	1620	1670
Load that can be towed with braked trailer	NA	NA
Load that can be towed with non braked trailer	NA	NA
Max load on the roof	NA	NA
Max load on the toe hook	NA	NA

(*) If special equipment is fitted, the unloaded car weight increases thus reducing the specified payload, respecting the max allowable loads.

(**) Loads not be exceeded. The driver is responsible for arranging the loads so that they comply with these limits.

CAPACITIES

		1.4 16v	1.3 Multijet	Specified fuels and genuine lubricants
Fuel tank:	litres	45	–	Unleaded petrol with RON 91 minimum
including a reserve of:	litres	5 ÷ 7	–	
Fuel tank:	litres	–	45	Diesel with cetane number 51 minimum
including a reserve of:	litres	–	5 ÷ 7	
Cooling system engine:	litres	7.6	7.6	Mixture of 40% PARAFLU UP & 60% demineralized water
Engine sump:	litres	2.7	–	Synthetic base SAE 5W40 grade engine oil
Engine sump and filter:	litres	3.3	–	
Engine sump:	litres	–	3.0	Synthetic base SAE 5W40 grade engine oil
Engine sump and filter:	litres	–	3.2	
Gearbox/ differential casing:	litres	2.2	2.2	ZC 75/FF
	kg	1.8	1.8	
Power steering:	litres	1.03	1.03	GI/E F7
Hydraulic brake circuit:	kg	0.4 without ABS 0.5 with ABS	0.4 without ABS 0.5 with ABS	TOP 4
Windscreen washer reservoir:	litres	2.0	2.0	Mixture of 10% of fluid SC35 & 90% of distilled water

(*) Do not top up with oil having specifications different from the oil present in the car.

FLUIDS AND LUBRICANTS

RECOMMENDED PRODUCTS AND SPECIFICATIONS

Use	Fluid and lubricant specifications for correct car operation	Genuine fluids and lubricants	Changing frequency
Lubricants for petrol engines	Synthetic base lubricants SAE 5W40 grade ACEA A3/B3/B4 FIAT 9.55535-M2 or N2 qualification.	Selenia K	According to Service Schedule
Lubricants for diesel engines	Synthetic base lubricants SAE 5W40 grade ACEA A3/B3/B4 FIAT 9.55535-N2 qualification	Selenia WR	According to Service Schedule

Use of products with low-quality properties than ACEA A3/B3/B4 could cause damages to the engine that are not covered by the warranty.

For very cold climate conditions, ask Fiat-Tata Dealership for the appropriate Selenia product to use.

DASHBOARD
AND CONTROLS

SAFETY
DEVICES

CORRECT USE
OF THE CAR

WARNING
LIGHTS AND
MESSAGES

IN AN
EMERGENCY

CAR
MAINTENANCE

TECHNICAL
SPECIFICATIONS

INDEX

Use	Fluid and lubricant specifications for correct car operation	Genuine fluids and lubricants	Applications
Lubricants and greases for transmission	SAE 80W EP oil exceeding API GI4 and MIL-L-2105 specifications.	ZC 75/FF	Manual transmissions and differentials
	'ATF DEXRON II D LEV' oil	GI/E F7	Hydraulic power steering
	Molybdenum disulphide, lithium-soap based grease, water resistant N.L.G.I. consistency =2	MRM 2	CV joints
Hydraulic brake/clutch fluids	Synthetic fluid, NHTSA n° I 16, DOT 4, ISO 4925, SAE J 1703	TUTELA TOP 4	Hydraulic Brake and hydraulic clutch commands
Radiator antifreeze	Protective inhibited monoethylene glycol based antifreeze compound, CUNA NC 956-16	PARAFLU UP	Use percentage: Mixture of 40% PARAFLU-UP & 60% demineralized water
Windscreen window washer fluid	Alcohol, water and surfactants mixture CUNA NC 956-II	SC 35	Use percentage: 10% of fluid SC 35 and 90% distilled water

INDEX

ABS system	71	Boot	67	- rear	54
Accessories purchased		- extension	68	Chassis (marking)	160
- by the owner	74	- opening/closing the tailgate	67	Checking fluid	144
Additional heater	41	- emergency opening	65	Child lock	65
Air bag		Boot light	56	Cigar lighter	62
- front	87	Brakes		Code Card	8
Air cleaner	149	- fluid level	148	Consumption	
Adjustable Air vents	38	- technical data	164	- engine oil	146
Ashtray	63	Bulb (replacement)		Controls	57
At the filling station	75	- general instructions	119	Correct use of the car	92
Automatic climate		- types of bulbs	119	Courtesy lights	56
- control system	44	Capacities	172	- bulb replacement	127
Battery		Car inactivity	100	- control button	56
- checking the charge	149	Car maintenance		Current outlet	55
- jump starting	112	- periodical checks	143	Dashboard	5
- recharging	135	- scheduled servicing	138	- Right hand drive version	5
Bodywork		- service schedule	139-142	Dashboard and controls	4
- maintenance	155	- use of the car under		Dead lock device	59
Bonnet	68	heavy conditions	143	Digital display	16
		Carrying children safely	83		
		Ceiling lights	54		
		- boot light	56		
		- courtesy	56		
		- front	54		

Dimensions	169
Dipped beam headlights	
- control	51
- bulb replacement	122
Direction indicators	
- control	52
- front bulb replacement	122
- rear bulb replacement	123
- side bulb replacement	123
Doors	64
Engine	
- identification code	161
- marking	160
- technical data	162
Engine compartment	
- washing	156
Engine coolant	147
Engine coolant temperature gauge ..	15
Engine oil	
- consumption	146
- level check	146
- specifications	173
EOBD system	72
External lights	51

F iat CODE system	6
Flashing the headlights	51
Fluid levels	146
Fluids and lubricants	173
Follow me home (device)	52
Front ceiling lights	
- bulb replacement	126
- control	54
Front fog lights	
- bulb replacement	123
- control button	57
Fuel	
- level gauge	15
Fuel cut-off switch	59
Fuel filler cap	76
Fuel level gauge	15
Fuses (replacement)	128
G earbox	
- using manual gearbox	97
Glass holder - can holder	62
Glove box/oddment compartment ..	60

H andbrake	96
Hazard lights	57
Head restraints	
- front	33
- rear	34
Headlights	
- beam adjustment	70
Heated rear window	42
Heating and ventilation	37
Identification data	160
Ignition device	12
In an emergency	111
Instrument panel	13
Instruments	14
Interior fittings	60
Interiors	157
J ack	114
jacking the car	116

K ey with remote control	8	Power windows	65	Refueling	75
Key without remote control	10	Pretensioners	80	Rev. counter	14
L oad limiters	80	Prolonged car inactivity	100	Reversing light	123
M ain beam headlights		Protecting the environment	76	Rubber hoses	153
- bulb replacement	122	R adio transmitters and cellular		S afety	77
- control	51	telephones	74	Seat adjustment	32
- flashing	51	Radio navigation presetting system..	73	Seat belts	
Multi functional display	21	Rear ceiling lights		- general instructions	81
N umber plate light	125	- bulb replacement	126	- load limiters	80
O ddment compartments	60	- control	54	- maintenance	83
P aint	155	Rear door emergency		- using the seat belts	78
Parking	96	lock device	64	Seats	
Performance	170	Rear fog lights		- adjustment	32
Plates		- bulb replacement	123	- cleaning	157
- model plate	171	- control button	57	- tilting (rear seats)	68
Pollen filter	149	Rearview mirrors		Side lights	
Power steering fluid	149	- door mirrors	35	- control	42
		- driving mirror	36	bulb replacement	121
				Smart washing	53
				Smoker's kit	62
				Sound system	73
				Spark plugs	
				- type	162

Speedometer	14
Starting and driving	93
Starting the engine	
- bump starting	113
- diesel engines	94
- emergency start-up	112
- ignition switch	12
- jump starting	112
- petrol engines	93
- stopping the engine	95
- warm up the engine after just started	95
Steering	164
Steering column lock	12
Steering wheel	35
Sun visors	63
Suspensions	164
Symbols	6
T ailgate	67
Technical specifications	159
Third brake light	125
Top speeds	99
Towing the car	135
Transmission	162

Tyres	
- replacing a wheel	113
- maintenance	152
- reading tyre markings	165
- standard tyres	167
- cold tyre inflation pressure	168

Using the manual gearbox 97

Warning lights and messages 101

Weights
 171 |

Wheel	165
- replacing a wheel	113
- spare wheel	165
- wheel geometry	165

Wheel rims	
- understanding rim marking	166

Windscreen washing
 53 |

Window winders
 65 |

Windscreen washer	
- control	53
- fluid level	147

Windscreen wiper	
- blades	153
- control	53
- spray nozzles	154

SELENIA®

At the heart of your engine.



Always ask your mechanic for **SELENIA®**

Oil change? The experts recommend Selenia.

*The engine of your car is factory filled with **Selenia**. This is an engine oil range which satisfies the most advanced international specifications. Its superior technical characteristics allow **Selenia** to guarantee the **highest performance** and **protection of your engine**.*

The Selenia range includes a number of technologically advanced products:

SELENIA PERFORMER MULTIPOWER

Particularly ideal for the protection of new generation petrol engines, very effective even in the most severe weather conditions. It guarantees a reduction in fuel consumption (Energy conserving) and it is also ideal for alternative engines.

SELENIA K

is the synthetic lubricant with innovative technology, which ensures improved cold starting for petrol engines and the utmost protection also under typically "urban" conditions of use. Owing to its 5W-40 viscosimetric grade and its special formulation it more effectively meets the emission limits required by new European regulations and exceeds the major international specifications.

SELENIA WR

Oil specifically designed for common rail Multijet engines. Particularly effective during cold starts, it guarantees maximum wear protection and hydraulic tappets control, reduction in consumption and stability at high temperatures.

SELENIA DIGITECH

Fully synthetic lubricant for petrol and diesel engines. Its advanced technology guarantees maximum protection, a reduction in consumption and reliability in extreme climate conditions.

The range also includes Selenia StAR, Selenia Racing, Selenia 20K Alfa Romeo, Selenia TD, Selenia Performer 5W-40
For further information on Selenia products visit the web site www.fl-selenia.com.

COLD TYRE INFLATION PRESSURE (bar)

Tyre	Medium load		Full load	
	Front	Rear	Front	Rear
195/60 R15 88T	2.3	2.1	2.3	2.3

Add +0.3 bar to the prescribed inflation pressure when the tyres are warm. Recheck pressure value with cold tyres.

ENGINE OIL CAPACITY

	1.4 16V		1.3 Multijet	
	litres	kg	litres	kg
Engine sump and filter	3.3	2.9	3.2	2.8

Do not disperse used oil in the environment.

FUEL CAPACITIES (litres)

	1.4 16v - 1.3 Multijet
Tank capacity	45
Reserve	5 ÷ 7

Unleaded petrol with R.O.N. 91 minimum and Normal Diesel (avoid premium / additive) with Cetane no. 51 min.

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-TATA dealer.